SCHOOL OF CONTINUING EDUCATION





COLLEGE FOR KIDS & TEENS

Keep Young Minds Active All Summer Long!









Creative Arts

Humanities/Social **Sciences**

Languages & Cultures Math & Computers

Registration Opens January 21 at 10am uwm.edu/sce/kids



Science

WELCOME TO THE UWM SCHOOL OF CONTINUING EDUCATION COLLEGE FOR KIDS & TEENS

Program Contacts



BEN LADUKE Director cfkids@uwm.edu 414-227-3360



GLORIA T. LANE Assistant Director cfkids@uwm.edu 414-227-3360

What Is College for Kids & Teens?

College for Kids & Teens (CFK&T) through the School of Continuing Education is a hands-on enrichment program for students entering grades K5-12 who have high academic potential, motivation and talent. Established in 1980 we will be celebrating our 40th year! The program consists of one- and two-week classes in **Creative Arts, Humanities/Social Sciences, Languages & Cultures, Math & Computers,** and **Science**. Taught by UW system faculty or highly qualified and experienced instructors, all programs provide an "academic edge," and class sizes are limited to 16 students unless otherwise noted.

When and Where?

Classes are held Mon-Fri, June 8-Aug 14 on the UWM campus, unless otherwise noted. Specific class dates/times are included in course descriptions.

Registration Policy

Once your child or teen is registered, there are no refunds or transfers. Refunds are made only for classes canceled by CFK&T. This policy is specific to College for Kids & Teens and does not apply to any School of Continuing Education courses.

How Do I Register?

Registration opens Jan 21, 2020 at 10am. Call or fax in your registration, or go online to uwm.edu/sce/kids to enroll.

Note: Mailed registrations add several days to the registration process and lessen the likelihood of availability in your desired class.

Parental Consent Forms

On completion of registration, a mandatory Parental Consent form must be completed before the student's first day of classes. All families must have this form filled out before the first day of classes in order to attend their classes. We ask that you indicate any and all allergies or special needs for our records as well.

Confirmation of Registration

Your receipt and parental consent forms will be emailed to you for completion and return. If you do not provide an email address, you may also request to receive them by mail. You may also visit uwm.edu/sce/kids to download consent forms right away. All participants are encouraged to have their own health insurance, as only limited secondary accident insurance is provided by the University.

Please note: Confirmation dates reflect the entire summer program – June 8-Aug 14. Please refer to the catalog or website for specific dates and times of your registered classes.

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Classes that do not reach sufficient enrollment by May 8 will be cancelled. Please register before this date to ensure classes run.



Please Note

- Kindergartners must be five years old by June 8, 2020, and must have prior five-days-a-week school experience to participate in our program. This rule will be strictly enforced. Children who do not meet this requirement will be subject to immediate withdrawal without a refund given.
- When registering for CFK&T, use next year's grade level.
- Some classes are designed for a broader range of students (e.g., grades 6-12), and others are more specifically targeted – look for grade levels listed next to each program number.
- Specialty courses have a \$5-25 computer lab/special materials fee included in the price.
- For chemistry classes, closed-toe shoes must be worn at all times; no flip-flops or sandals.
- For dance and theater classes, students must bring another pair
 of shoes to change into in order to participate. Please make sure
 your child brings appropriate shoes to class each day; no flipflops or sandals.
- Session II has a one-week break between the two weeks of the session.
- July 6-10, all student must bring a bag lunch. Purchasing food will not be possible.

IN PARTNERSHIP WITH:







IMPORTANT INFORMATION

Please note the location of our summer 2020 program maybe be subject to change.

Skip Ahead!

Advanced check-in: May 26-June 5, 9am-4pm. Avoid the long lines and get acquainted with campus early — stop by our office located in the Union, room W179. Please call 414-227-3360 (before May 26) or 414-940-1896 (after May 26) for other questions.

Check-In

Check in begins at 7:30am in the Union Terrace on your child's first day. Here, we will make sure you've filled out all the proper paperwork, and then students will receive their CFK&T drawstring backpacks and wristbands. It is helpful to bring your confirmation receipt with you on the first day. Please note: You only need to do this one time during the summer on your first day of your first class. Please arrive 20-30 minutes before your class start time in order to get checked in and start class on time. If a large number of students arrive right before class start time to check in, there will be a significant delay in getting students to their class and receiving the full instruction.

Pick Up & Drop Off

Pick up and drop off are at the Union Circle, 2200 E. Kenwood Blvd., or inside the Union Terrace (SW corner on the ground floor).

Instructors will bring their students to the Union Terrace at the end of class time. You must pick up your child within 15 minutes (e.g., if class ends at 4pm, pick up must be no later than 4:15pm). Students will be allowed to wait for their ride either inside the Union Terrace or outside at the circle drive. Please make sure your child knows where they are meeting you.

You will be charged \$10 for every 15 minutes past the pick-up time (e.g., 4:16-4:31pm would be \$10; 4:32-4:47pm would be \$20, and so on). If your child is not picked up within one hour, CFK&T will contact the UWM police. Your child will not be allowed to return to classes until the fee has been paid. Please note late fees for Aftercare are not the same as the policy listed above.

Only students who have a signed parental release form granting them permission to leave unattended will be able to leave without an adult. If your child is to go home on their own, make sure you sign that form. These students will be given orange wristbands to wear throughout the program.

If you need to pick up your child early or drop them off late, you will need to go directly to the classroom. Please do not drop off children at the Union if you are running late. If you do not see a staff member standing outside the Union, students and instructors have already left, and you will need to take your child to his/her classroom. If you do not know the classroom location, please call our office at 414-940-1896 or visit the Union information desk located on the ground floor.

If you leave your car unattended in the Union circle drive, you will be ticketed by campus police and there is nothing CFK&T can do about it! A parking ramp is available just to the east of the driveway. Street parking is also available.

Wristbands

Wristbands are given out on the first day of a session and are to be worn every day. Please be mindful that wristbands are to be worn at all times during our program and it is the responsibility of the family to make sure of this. If a child is enrolled in multiple sessions throughout the summer we will, at the start of that child's new session, replace their wristband for free if needed. Our program does keep track of the wristbands for each student. If for any reason the child's wristband falls off or breaks before the start of their next session, we just ask the child bring the old wristband the next day get a new one. The colors indicate to our staff what privileges each child has, such as leaving campus unattended or not being included in pictures. Children are not allowed to participate in class unless they are wearing a wristband to verify that they are enrolled. If for any reason a child repeatedly does not have their wristband during their time at our program, we will then have to consider possibly removing the student from the summer programming. These wristbands ensure the safety of our students and are a pivotal part in our program.

We strongly enforce our wristband replacement fee for any bands that are lost. The cost to replace the wristbands is \$20 for the orange, \$10 for the white and \$3 for all others (yellow, red, green, or purple). Please note: If you need to take off the wristband for any reason, please bring it back the next day of classes, and it will be replaced for free.

If students are enrolled in back-to-back classes, they will be supervised in the Union Terrace Room, unless you have given them permission to be unattended.

Meals

Lunch and snacks are not included. Please provide your child with a bag lunch and/or snack each day. Only students that have either the orange or white wristband permission will be able to purchase food on campus. Week of July 6-10 all students must bring a bag lunch as purchasing food will not be possible.

Drawstring Backpacks

All participants will receive a FREE CFK&T drawstring backpack – handed out at check-in.

What Not to Bring

Please do not bring games, toys, trading cards, electronic devices and other similar materials to classes, unless the instructor has requested you to do so. CFK&T is not responsible for lost, broken or missing items.

Disciplinary Information

Disruptive students are taken to the CFK&T office and their parents are notified. Continued disruption results in removal from the program.

Children with Special Concerns

If your child has special needs or requires medication during class, please contact us before enrolling to fill out additional paperwork. This will ensure that we can address all of your concerns.

Scholarships

Needs-Based:

To be eligible for a limited number of needs-based scholarships, student must be entering grades K5-5 and be eligible for the free or reduced lunch program. Needs-based recipients will be notified by email the 1st week of May.

DPI Pre-College Scholarship Program:

Applicants must be going into 6th grade or above, have a 2.5 grade point average in core courses, and be eligible for the free or reduced lunch program.

If you qualify for either of these scholarships, please call or email our program for an application, contact your school or download forms at uwm.edu/sce/kids. Due to the high number of requests, only those receiving scholarships are notified by email. Scholarships are first come, first served; please apply as soon as possible since most years we have reached our maximum number to award by early April.

COLLEGE FOR KIDS & TEENS SCHEDULE PLANNER

Please use the grid below to organize your family's schedule and help prevent registering a child for two classes at the same time.

Name(s)

	Before Care 7:30-9am	9-11am	11:30am-1:30pm	2-4pm	After Care 4-5:30pm
Discovery Camp Plus June 8-12					
Session I June 15-26					
Discovery Camp 1 June 22-26					
Session II July 6-10, July 20-24					
Discovery Camp 2 July 20-24					
Session III July 27-Aug 7					
Discovery Camp 3 Aug 3-7					
Discovery Camp 4 Aug 10-14					

- Please note: CFK&T only supervises registered students while they are in class or before/after care. Students
 enrolled in back-to-back classes or before/after care will be chaperoned to their next destination. No extended
 supervision (longer than the 30 minutes between consecutive class times) is available between 9am and 4pm.
- Please have your child bring a copy of this schedule to class each day so we can make sure they are always in the
 right place. If you need a copy, please call or email the CFK&T office to request a copy.

Class Descriptions

Classes are organized by grade level as well as by subject area. Courses that are offered for multiple grade levels are only listed once. The curriculum for these courses increases in complexity for each grade level.

Before and After Care

To make things easier for students and parents, we offer supervised care at the Union Terrace before and after the program day, for a minimal charge. Chaperoning children to or from class is included in the fee. Come early or stay late. You must sign up for the full week.

Late Pick-up Policy for After Care

Please be advised that after care does end by 5:30pm. If families are late for pick up there will be a \$10 charge for every 10 minutes that the student is not picked up. (5:41pm=\$10, 5:55pm=\$20 etc.) If a child is left in our care until 6pm we are required to take the child to the campus police department.

Note: Week of July 6-10th, Drop off and Pick up will be at a different location on campus. To be announced at later date.

Before Care

7:30-9am – \$30/week or \$50/two-week session (students may not be dropped off before 7:30 am if they have any other wrist band color than orange)

After Care

4-5:30pm - \$30/week or \$50/two-week session

Early Morning Drop Off 7:30-9am

Two-week Sessions	Prog#	Fee
June 15-26	8410-6401	\$50
July 6-10, July 20-24	8410-6001	\$50
July 27-Aug 7	8410-6002	\$50
Discovery Camps		
June 8-12	8410-6402	\$30
June 22-26	8410-6403	\$30
July 20-24	8410-6003	\$30
Aug 3-7	8410-6004	\$30
Aug 10-14	8410-6005	\$30

Late Afternoon Pick Up 4-5:30pm

Prog#	Fee				
8410-6404	\$50				
8410-6006	\$50				
8410-6007	\$50				
One-week Discovery Camps					
8410-6405	\$30				
8410-6406	\$30				
8410-6008	\$30				
8410-6009	\$30				
8410-6010	\$30				
	8410-6404 8410-6006 8410-6007 mps 8410-6405 8410-6406 8410-6008 8410-6009				

SCHEDULE AT A GLANCE

Kindergartners must be five years old by June 8 and must have prior five-days-a-week school experience to participate in our program. This rule will be strictly enforced. Children who do not meet this requirement will be subject to immediate withdrawal with no refund given.

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June 15-26 Session I

9-11am Experiment Extravaganza Mish Mash With the Masters From Zero to Googolplex Italian Cooking Computer Coding, Games and Fun! Castles and Medieval Warfare LEGO® MINDSTORMS® Robotics Architecture and Fabrication Harry Potter Club Freehand Sketching	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-12 6-12	Prog# 8410-0418 8410-0419 8410-0420 8410-0421 8410-0422 8410-0423 8410-0424 8410-0425 8410-0426 8410-0427	Fee \$154 \$154 \$154 \$174 \$164 \$154 \$174 \$154 \$154	Page 27 13 23 15 22 18 26 15 15 11
9:30am-1:30pm Introduction to Data Science	Grade 9-12	Prog# 8410-0428	Fee \$299	Page 8
11:30am-1:30pm Kid's Art Let's Go to the Zoo Sportistics Checkmates! LEGO® MINDSTORMS® Robotics Leprechauns & Krakens & Elves, Oh My! Folklore From Across the Globe Comic Connections Italian Cooking Pottery	Grade K5-2 K5-2 3-5 3-5 3-5 6-8	Prog# 8410-0429 8410-0430 8410-0431 8410-0432 8410-0433 8410-0434 8410-0435 8410-0436 8410-0437	Fee \$154 \$154 \$154 \$154 \$154 \$154 \$174 \$174	Page 13 16 22 17 26 19 11 15 12
Star Wars: Jedi or Sith? Computer Coding, Games and Fun! DATA Survey of Calculus	6-8 6-12 9-12	8410-0438 8410-0439 8410-0440	\$154 \$164 \$154	19 22 25
2-4pm Colorful Collage Math & Memory Games Reactive Science Pottery Math Games Paper Crafts From Around the World Rocketry – Up, Up and Away! Building a Debate DATA Sportistics Jewelry and Metals Computer Animation Comic Connections Architecture and Fabrication ACT Preparation Class (Gr. 11-12 only)	Grade K5-2 K5-2 3-5 3-5 3-5 3-5 6-8 6-8 6-12 9-12 9-12 11-12	Prog# 8410-0441 8410-0442 8410-0443 8410-0445 8410-0446 8410-0447 8410-0449 8410-0451 8410-0452 8410-0453 8410-0454	\$154 \$154 \$154 \$154 \$154 \$154 \$154 \$154	Page 13 24 28 12 24 14 26 18 22 12 25 11 15

July 6-10 (Week One), July 20-24 (Week Two) Session II

Please Note: Session II is divided into two weeks with a one-week break between them. Also, week one of Session II will be held in a unique location other than the UWM Union for drop off and pick up. Additional information as to this location will be on the CFK&T website once available. You will also receive information for pick up and drop off for this time via email and phone call from the CFK&T staff after registration.

9-11am Dinosaur Detectives Math: As Easy as 1, 2, 3 Full STEAM Ahead Bookmaking Escape the Classroom LEGO® MINDSTORMS® Robotics Poetry Out Loud Minecraft EDU Blueprints to Buildings One-Act Play: Stage and Set Design One-Act Play: Theater Medical Camp	6-12 9-12	Prog# 8410-0001 8410-0003 8410-0004 8410-0005 8410-0006 8410-0007 8410-0008 8410-0009 8410-0010 8410-0011	\$154 \$154 \$154 \$154 \$154 \$154 \$154 \$164 \$174 \$154 \$154 \$164	Page 16 23 28 13 17 26 19 22 18 12 29
9:30am-1:30pm Probability & Statistics	Grade 9-12	Prog# 8410-0013	Fee \$299	Page 8
11:30am-1:30pm Dice'n Up Math Space Station Minecraft EDU Saving Bob! Yummy Art LEGO® MINDSTORMS® Robotics Fashion Arts Illustrations Fantasy Book Clubs Embroidery The Complete Fool	Grade K5-2 K5-2 3-5 3-5 6-8 6-8 6-12 9-12	Prog# 8410-0014 8410-0015 8410-0016 8410-0017 8410-0019 8410-0020 8410-0021 8410-0022 8410-0023	\$154 \$154 \$164 \$154 \$154 \$154 \$154 \$154 \$154	Page 23 27 22 17 14 26 11 19 11 20
2-4pm Pint-sized Picasso Making Cents of It Minute to Win It Crime Solvers Embroidery Game Show Math Stage Make-up DNA & You Fashion Arts Illustrations DATA Algebra Camp Architecture and Design DATA Python Programming	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-8 6-12 9-12 9-12 9-12	Prog# 8410-0024 8410-0025 8410-0026 8410-0027 8410-0028 8410-0030 8410-0031 8410-0032 8410-0033 8410-0034 8410-0035	Fee \$154 \$154 \$154 \$154 \$154 \$154 \$154 \$154	Page 13 23 17 27 11 24 14 29 11 25 20 25

Discount – If registering for six or more classes.

Please use discount code **CFK6PLUS** to receive 15% off.

Does not include before or after care.



July 27-Aug 7 Session III

9-11am Under the Sea Printing for Kids Exploring Martial Arts LEGO® MINDSTORMS® Robotics II Piñata Pizzazz Sim City EDU Designing With Virtual Reality Print Making Interior Design Academic Survival Skills	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-8 6-12 9-12	Prog# 8410-0036 8410-0037 8410-0038 8410-0040 8410-0041 8410-0042 8410-0043 8410-0045 8410-0046	Fee \$154 \$154 \$164 \$154 \$154 \$174 \$154 \$154	Page 27 13 15 26 14 22 18 12 20
9:30am-1:30pm Entrepreneurial Data Science	Grade 9-12	Prog# 8410-0047	Fee \$299	Page 8
11:30am-1:30pm Crunchin' Numbers Author & Illustrator Interior Design Where in the World? Pottery Sim City EDU Live at the Improv! LEGO® MINDSTORMS® Robotics II African Music & Culture Exploring Martial Arts Genetics	Grade K5-2 K5-2 3-5 3-5 3-5 3-5 6-8 6-8 6-8 6-12 9-12	Prog# 8410-0048 8410-0049 8410-0050 8410-0051 8410-0052 8410-0054 8410-0055 8410-0056 8410-0057 8410-0058	\$154 \$154 \$154 \$154 \$174 \$164 \$154 \$154 \$164 \$154	Page 23 16 12 18 12 22 14 26 21 15 26
2-4pm Elementary Music Alphabeasts African Music & Culture Mythbusters & More Money Magic Pottery Genetics Photography & Imaging Developing Video Games Survival 101 Architecture and Domestic Space DATA Pre-Calculus	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-12 6-12 6-12 9-12 9-12	Prog# 8410-0059 8410-0060 8410-0062 8410-0063 8410-0064 8410-0065 8410-0066 8410-0067 8410-0068 8410-0069 8410-0070	Fee \$154 \$154 \$154 \$154 \$154 \$154 \$154 \$154	Page 13 16 21 28 24 12 26 12 22 26 20 25

June 8-12 Discovery Camp Plus

Please Note: Discovery Camp Plus begins and ends during a time when some schools might be in session.

9-11am Hip-Hop Don't Ya Stop! Criminal Investigation Personal Finance Read; Write; Recite Starting Your Own Business Geodesic Domes	Grade 6-8 6-8 6-8 6-12 9-12 6-12	Prog# 8410-0401 8410-0402 8410-0403 8410-0404 8410-0405 8410-0406	Fee \$99 \$99 \$99 \$99 \$99	Page 14 28 25 16 20 12
11:30am-1:30pm Web Page Design Psychological Profiling Sweet Kicks! Ace Academic Writing Intro to Weather Science	Grade 6-8 6-8 6-8 9-12 9-12	Prog# 8410-0407 8410-0408 8410-0409 8410-0410 8410-0411	Fee \$109 \$99 \$109 \$99 \$99	23 19 14 15 29
2-4pm Design Squad Engineering Ace Academic Writing Cartooning French Culture and Cuisine DATA Adventures in Statistics Web Page Design	Grade 6-8 6-8 6-8 6-12 9-12 9-12	Prog# 8410-0412 8410-0413 8410-0414 8410-0415 8410-0416 8410-0417	Fee \$99 \$99 \$99 \$109 \$109	Page 29 15 14 21 25 23

June 22-26 Discovery Camp 1

Please Note: Discovery Camp 1 runs simultaneously with the second week of Session I.

9-11am Storybook Art STEM Challenge All About Pirates Math Busters Beginning Ukulele Stories All Around Us American Sign Language Expedition Unknown Theater Workshop	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-12 9-12 9-12	Prog# 8410-0455 8410-0456 8410-0457 8410-0458 8410-0460 8410-0461 8410-0462 8410-0463	Fee \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99	Page 13 27 17 23 11 16 21 20 13
9am-1:30pm The UWM Writing Project – Introductory Teen Writing Academy	Grade 9-12	Prog# 8410-0464	Fee \$229	Page 9
11:30am-1:30pm Animal Habitats Super Heroes in Training Wacky World of Numbers American Sign Language Words for Water CSI Milwaukee Theater Workshop Fit Finances Beginning Ukulele Architecture and Models Route 66	Grade K5-2 K5-2 3-5 3-5 6-8 6-8 6-8 6-12 9-12 9-12	Prog# 8410-0465 8410-0466 8410-0467 8410-0468 8410-0470 8410-0471 8410-0472 8410-0473 8410-0474 8410-0475	Fee \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99	Page 26 17 22 21 18 28 13 24 11 20 20
2-4pm Math Munchkins American Sign Language Theater Workshop Stories All Around Us Kids Chemistry Don't Get Punked by Math Writing Circles Amazon Rainforest Studies DATA Algebra I Body Logic	Grade K5-2 K5-2 3-5 3-5 6-8 6-8 6-8 9-12 9-12	Prog# 8410-0476 8410-0477 8410-0478 8410-0479 8410-0480 8410-0481 8410-0482 8410-0483 8410-0484 8410-0485	Fee \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99	Page 23 21 13 16 28 24 19 28 25 29

July 20-24 Discovery Camp 2

Please Note: Discovery Camp 2 runs simultaneously with the second week of Session II.

9-11am Art in Motion Puppet Theater Cultural Mask Making Bugs, Beetles and Butterflies Math Camp Beginning Spanish The Ever-Changing Planet Bowling 101 Philosophy 101	Grade K5-2 K5-2 3-5 3-5 6-8 6-8 6-12 6-12	Prog# 8410-0071 8410-0072 8410-0073 8410-0074 8410-0075 8410-0076 8410-0077 8410-0078 8410-0079	Fee \$99 \$99 \$99 \$99 \$99 \$99 \$99	Page 13 17 14 27 24 21 29 15 15
9am-1:30pm The UWM Writing Project – Young Writers' Academy	Grade 6-8	Prog# 8410-0080	Fee \$229	Page 9
11:30am-1:30pm Nature's Storytime X Marks the Spot Pottery Sports Collectibles Vacation Math All About Color Investing 101	Grade K5-2 K5-2 3-5 3-5 3-5 3-5 6-8	Prog# 8410-0081 8410-0082 8410-0083 8410-0084 8410-0085 8410-0086 8410-0087	Fee \$99 \$99 \$109 \$99 \$99 \$99	Page 27 17 12 17 24 13 24

Trivia Games	6-8	8410-0088	\$99	19
Conversational Spanish	6-12	8410-0089	\$99	21
Geographic Information Systems	9-12	8410-0090	\$99	29
2-4pm 50 Nifty United States Kitchen Kids Yoga Beginning Spanish Don't Get Bored With Board Games DATA Build Your Own Business Pottery Advertising 101 Musical Theater All About Politics	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-8 6-12 9-12	Prog# 8410-0091 8410-0092 8410-0093 8410-0094 8410-0095 8410-0096 8410-0097 8410-0098 8410-0099 8410-0100	Fee \$99 \$109 \$99 \$99 \$99 \$109 \$99 \$99 \$99	Page 16 27 18 21 17 24 12 18 12 20

Aug 3-7 Discovery Camp 3

Please Note: Discovery Camp 3 runs simultaneously with the second week of Session III.

9-11am Eric Carle's Readers Theater Beginning Piano Edible Science Crochet Want to Be a Card Shark? Introduction to French Character Building Cryptology Writing for Television DATA Algebra II	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-8 6-12 9-12	Prog# 8410-0101 8410-0102 8410-0103 8410-0105 8410-0106 8410-0107 8410-0108 8410-0109 8410-0110	Fee \$99 \$109 \$99 \$99 \$99 \$99 \$99 \$99 \$99	Page 16 11 27 11 18 21 18 24 16 25
9am-1:30pm Freshwater Science Class	Grade 6-12	Prog# 8410-0111	Fee \$250	Page 10
11:30am-1:30pm Math and Memory Games Inspect an Insect Beginning Piano Arithmetic Architectures Introduction to French Fuel Up & Go Monster's Lit Dance Workshop: Tap and Jazz Career Discovery Trigonometry	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-8 6-12 9-12	Prog# 8410-0112 8410-0113 8410-0114 8410-0115 8410-0116 8410-0117 8410-0118 8410-0119 8410-0120 8410-0121	Fee \$99 \$99 \$109 \$99 \$99 \$99 \$99 \$99 \$99	Page 23 27 11 23 21 29 19 11 15 25
2-4pm Math Art Underwater Mysteries Dance Workshop: Tap and Jazz Playground Games Algebra + Mazes = Amazing Fun! Beginning Piano Poetry 101 Crochet Introduction to French College Essay Writing	Grade K5-2 K5-2 3-5 3-5 6-8 6-8 6-12 9-12 9-12	Prog# 8410-0122 8410-0123 8410-0124 8410-0125 8410-0126 8410-0127 8410-0128 8410-0129 8410-0130 8410-0131	Fee \$99 \$99 \$99 \$99 \$109 \$99 \$99 \$99	Page 23 27 11 17 23 11 19 11 21 20

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Aug 10-14 Discovery Camp 4

Please Note: Discovery Camp 4 begins and ends during which some schools might still be in session.

9-11am Young Scientist's Toolbox Smart Money Fairy Tales From Across the World Next to Nature Math Contest Mindful Art Practices Computer Coding, Games and Fun! Strategy Games Social Issues Japanese Language and Culture Popera: Gaga to Pavaratti	Grade K5-2 K5-2 3-5 3-5 3-6-8 6-8 6-12 6-12 9-12 9-12	Prog# 8410-0132 8410-0133 8410-0134 8410-0135 8410-0136 8410-0137 8410-0138 8410-0139 8410-0140 8410-0141	Fee \$99 \$99 \$99 \$99 \$99 \$109 \$99 \$99 \$99	27 23 17 28 24 12 22 16 16 21
9am-3:00pm ACT Preparation Boot Camp (11 th and 12 th grades only)	Grade 11-12	Prog# 8410-0143	Fee \$195	Page 10
11:30am-1:30pm Fun Around the World Wacky World of Numbers Mindful Art Practices Reader's Theater Rocketry – Up, Up and Away! Social Justice Theater Japanese Language and Culture Leadership Skills Leonardo's Machines DATA Discrete Mathematics and Combinatorics Engineering Wonders	Grade K5-2 K5-2 3-5 3-5 6-8 6-8 6-8 9-12	Prog# 8410-0144 8410-0145 8410-0146 8410-0147 8410-0148 8410-0150 8410-0151 8410-0152 8410-0153	Fee \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$99 \$	Page 16 22 12 17 26 13 21 19 29 25
2-4pm Wonderful World of Dr. Seuss Fun With Fine Arts Glow in the Dark Science Dance Around the World Japanese Language and Culture Computer Coding, Games and Fun! Communication 101 Engineering Wonders DATA What's the Chance? Claymation College Readiness Social Justice Theater	Grade K5-2 K5-2 3-5 3-5 3-5 6-8 6-8 6-8 9-12 9-12	Prog# 8410-0155 8410-0156 8410-0157 8410-0158 8410-0160 8410-0161 8410-0162 8410-0163 8410-0164 8410-0165 8410-0166	Fee \$99 \$99 \$99 \$99 \$109 \$99 \$99 \$99 \$99 \$99	Page 17 13 28 14 21 22 18 26 25 14 20 13

Sponsor a Student

With a \$250 donation, you can sponsor a child-in-need to attend CFK for one week in the summer. In fact, any amount of contribution throughout the year is greatly appreciated. Would you consider making a pledge to help a deserving child attend classes during the 2020 summer session? On behalf of our students, we extend a heartfelt thank you for your generosity and gift of education.

To learn more about the ways in which you can give financial support, contact:



Liza Longhini Development Director 414-227-3252 lizal@uwm.edu

uwm.edu/sce/give

NEW! THE UWM COLLEGE FOR KIDS & TEENS DATA SCIENCE CERTIFICATE TRACK — IN PARTNERSHIP WITH NORTHWESTERN MUTUAL DATA SCIENCE INSTITUTE







As part of a newly developed partnership with the Northwestern Mutual Data Science Institute, UWM College for Kids & Teens is now offering a certificate track that consists of a total of five courses related to the study of data science. In order to complete the certificate, the student must complete all three core classes offered every summer and two elective courses from a selection of 14 College for Kids & Teens offerings. All core courses are for grades 9-12 and can be completed over a three-year window. Any electives may be offered for grades 6-12 and can be taken at any time previous or simultaneous to the finish of core classes.

Core

The CFK&T Data Science Certificate Track can be earned by completing all three core two-week, four-hour class offerings:

- Introduction to Data Science
- Probability and Statistics
- Entrepreneurial Data Science

Flective

To complete the Certificate Track choose two elective classes from the following:

- Adventures in Statistics
- Algebra Camp
- Algebra I
- Algebra II
- Build Your Own Business
- Pre-Calculus
- Discrete Mathematics and Combinatorics

- Introduction to Programming I*
- Introduction to Programming II*
- Programming Primer
- · Python Programming
- Roll the Dice*
- Sportistics
- Survey of Calculus
- · What's the Chance?

Note: The elective course offerings are highlighted with the following symbol DATA and are located in the Schedule at a Glance and in the class descriptions.

*Not all elective courses will be offered every summer.

Core course offerings for the Data Science Certificate Track summer of 2020:

Introduction to Data Science

This introductory course develops computational thinking and tools necessary to answer questions that arise from large-scale datasets. This course emphasizes an end-to-end approach to data science, introducing programming techniques in Python that cover data processing, modeling and analysis.

First, how can data be extracted that describes realworld phenomenon? This part of the course includes data collection, processing, cleaning ("munging"), and dealing with formatted and semi-formatted data (e.g., json). Second, how can data be modeled and used to make predictions? This includes methods in regression and classification, and experimental design. And third, how can the results of this analysis be understood and reasoned? This includes topics in visualization, and methods for hypothesis testing and validation. The course involves hands-on analysis of a variety of real-world datasets, including economic data, document collections, geographical data and social networks. The class includes work on a real-world case study utilizing data and based on student interests.

\$299

Instructor: TBA 8410-0428, June 15-26, 9am-1:30pm Gr. 9-12, Session I

Note: There is a 30-minute, supervised lunch break every day. Please make sure students bring a bagged lunch or, if they have permission to leave unattended, they may bring money to purchase lunch in the student union.

Probability & Statistics

Probability and statistics courses teach skills in understanding whether data is meaningful, including optimization, inference, testing and other methods for analyzing patterns in data and using them to predict, understand and improve results. Learn about how statistics can be used in everyday life to summarize datasets and draw conclusions from them. Study mean, median, mode, range, quartiles, box-and-line plots, standard deviation and how to find untrustworthy observations in a dataset. Then learn about using basic probability rules to study probability distributions and make predictions about them.

\$299

Steve Augustine 8410-0013, July 6-10, July 20-24, 9am-1:30pm *Note: Session II has a one-week break between the two weeks of the session Gr. 9-12, Session II

Note: There is a 30-minute, supervised lunch break every day. Please make sure students bring a bagged lunch or, if they have permission to leave unattended, they may bring money to purchase lunch in the student union.

Entrepreneurial Data Science

In this course the students apply data science to a real-world application and create a start-up company in an interest area of their choosing. The students implement and apply innovation in technology to get a better understanding of data and how it affects business. The students also use an understanding of design thinking to help understand and utilize data in creating a pitch for their start-up business.

\$299

Instructor: TBA 8410-0047, July 27-Aug 7, 9am-1:30pm Gr. 9-12, Session III

Note: There is a 30-minute, supervised lunch break every day. Please make sure students bring a bagged lunch or, if they have permission to leave unattended, they may bring money to purchase lunch in the student union.



THE UWM WRITING PROJECT SPECIAL PROGRAM

The University of Wisconsin-Milwaukee Writing Project (UWMWP) is an active chapter of the National Writing Project (NWP). Founded in 1974, NWP's ongoing mission is to provide writing teachers resources and training in order to cultivate new methods of teaching, research on teaching and a passionately professional writing community. Teacher-Consultants (TCs) participate in an accredited, graduate-level Summer Institute, as well as smaller in-services throughout the year. What makes TCs unique is their pledge and dedication to writing. This passion includes creating new ways to inspire writers of all ages and a personal commitment to their own writing practices.

The partnership of College for Kids & Teens (CFK&T) with the UWMWP allows student writers an opportunity to work with three professionally and academically trained TCs per class! These instructors utilize materials from the NWP to create a supportive and engaged writing community, which provides students with a week of invigorating writing experience. Furthermore, both CFK&T and the UWMWP share the goal of community building. So the TCs selected to work each week are passionate writers from the Metro Milwaukee community.



The UWM Writing Project – Introductory Teen Writing Academy

Sponsored by the University of Wisconsin-Milwaukee Writing Project, this writing class is designed specifically for teen students who are interested in practicing writing across three genres: Fiction, Poetry and Nonfiction/Essay. These classes are facilitated by experienced writers and teachers – trained Teacher-Consultants with the UWM Writing Project – who introduce writing activities that are fun, helpful and inspiring to the imagination.

During the Introductory Teen Writing Academy, student writers:

- Explore concepts from three genres, including short fiction, poetry and creative nonfiction/essay
- Choose two genres and produce polished writing pieces
- Learn writing techniques used by professional writers
- · Receive individual instruction and response in small groups
- Cultivate an initial writing process: brainstorming, free writing, drafting and revising
- Celebrate writing with a culminating community event designed to share writing with parents, teachers and peers

Since this is a writing academy sponsored by the UWM Writing Project, we utilize a strong curriculum anchored by low teacher-to-student ratios (one instructor for every five or six students). This allows us the opportunity to know writers as individuals and foster a stronger writing community.

This camp is open to all students, grades 9-12, who are interested in writing, even if they have not participated in other writing programs (some background in writing is welcomed and encouraged but not mandatory). Students can bring previous work, but will spend the week focusing on new writing projects that fit within our three genres.

\$229 Sara Skiba 8410-0464, June 22-26, 9am-1:30pm Gr. 9-12, Discovery Camp 1

Note: There is a 30-minute, supervised lunch break every day. Please make sure students bring a bagged lunch or, if they have permission to leave unattended, they may bring money to purchase lunch in the student union.

The UWM Writing Project – Young Writers' Academy

Back by popular demand, this University of Wisconsin-Milwaukee Writing Project's (UWMWP) camp is for aspiring writers who are entering grades 6-8. During the camp, we meet each day in writing groups. This camp is facilitated by Teacher-Consultants (TCs), experienced writers and teachers who are involved in the UWMWP – and these TCs have a common goal of inspiring the imaginations and composition skills of young writers! We write daily in a creative, supportive environment. While writers of all abilities are welcome, we focus on some introductory concepts as well as more nuanced, stylistic skills.

During the Young Writers' Academy, student writers:

- Explore a variety of genres, including poetry, short fiction, essay/nonfiction writing and more
- Receive individual instruction and feedback in small groups from UWMWP TCs
- Learn introductory and foundational writing techniques used by professional writers
- Meet and share writing with young writers from all around the state and country
- Engage in the entire writing process: brainstorming, drafting, revising and editing

Because this writing academy is sponsored by the UWMWP, we utilize a strong curriculum anchored by low teacher-to-student ratios (one instructor for every five or six students). This provides us the opportunity to build an authentic rapport with student writers, which ultimately allows us to foster a stronger writing community.

The Young Writers' Academy culminates in a celebration of writing at the end of the week, where students are encouraged to share their favorite pieces. New and returning participants are welcome to attend!

\$229 Sara Skiba 8410-0080, July 20-24, 9am-1:30pm Gr. 6-8, Discovery Camp 2

Note: There is a 30-minute, supervised lunch break every day. Please make sure students bring a bagged lunch or, if they have permission to leave unattended, they may bring money to purchase lunch in the student union.

SPECIAL **PROGRAMS**

Mini-Courses Summer ACT Partnership Classes

Prerequisite: Students must have a core GPA of 2.5.

Designed to help prepare 11th and 12th graders for the official ACT college entrance exam, you'll cover math, reading, English, science reasoning and test-taking strategies. An unofficial ACT preand post-test experience opportunity is included. The Mini-Courses office contacts you directly once you are officially enrolled and provides you with registration confirmation.

PRE-TEST: Sat, June 6, 8am-12pm

POST-TEST: Sat, June 27, 8am-12pm

Mini-Course ACT-approved instructors 8410-0454, June 15-26, 2-4pm Gr. 11 & 12 only, Session I Limit 30 students

Note: There will be absolutely no make-up dates. If you register for this class after the scheduled pretest dates, you will not have the opportunity to take that test.

Mini-Courses Summer ACT **Boot Camp**

PRE-TEST: Sat, July 25, 8am-12pm

POST-TEST:

Fri, Aug 7, 8am-12pm

Mini-Course ACT-approved instructors 8410-0143, Aug 3-6, 9am-3pm Gr. 11 & 12 only, Discovery Camp 3 Limit 60 students

Peck School of the Arts Class – Arts Education/Community Ecosystem Art & Design Pre-College

As part of a partnership with Peck School of the Arts, our College for Kids & Teens students are able to enroll in ArtsECO courses. There are 12 allotted spaces provided for CFK&T students in one-week and/or two-week course offerings.

ArtsECO Pre-College provides college-preparatory art and design instruction to Milwaukee-area high school students. Students build their portfolio and art-making skills as well as venture into new media such as printmaking, sculpture or

digital processes. Tied to admissions, this on-campus experience may lead students to college applications, first-year opportunities and scholarships! 2020 courses include:

- Drawing 101 (2D) Students build skills in drawing from observation and the imagination
- Sculptural Forms (3D) Students experiment with a variety of media to express themselves in three dimensions
- Photoshop/Illustrator & Design Students learn about composition, communication and expression using digital platforms

ArtsECO Pre-College offers additional afternoon opportunities such as trips and special workshops. For more information, visit the ArtsECO website uwm.edu/ arts/arts-eco or contact Joelle Worm at wormj@uwm. edu or (414) 229-5363.

1-Week PSOA Class: 2D These classes are for grades 10-12. 8410-0167 July 20-24, 9am-1:30pm Gr. 10-12, Discovery Camp 2

Note: There will be only 12 enrollment slots available. Additional information will be provided by ArtsECO Pre-College following registration with CFK&T.

2-Week PSOA Class: 3D & Photoshop/Illustrator & Design These classes are for grades 10-12. \$299

8410-0168 July 27-Aug 7, 9am-1:30pm Gr. 10-12, Session III

Note: There will be only 12 enrollment slots available. Additional information will be provided by ArtsECO Pre-College following registration with CFK&T.

1-Week PSOA Class: Making the Move to High School Art! This class is for grade 9. 8410-0169 July 20-24, 2-4 pm Gr. 9, Discovery Camp 2

This class helps students build 2D skills in a variety of media and approaches and get ready to take on art at the high school level. For current 8th graders, entering grade 9 in fall 2020.

Note: There will be only 12 enrollment slots available. Additional information will be provided by ArtsECO Pre-College following registration with CFK&T.

The UWM School of Freshwater Sciences – Watershed **Exploration**

Water is the key to our health, our wealth and our way of life. In collaboration with the UWM School of Freshwater Sciences, students explore the watersheds of both the Milwaukee River and Lake Michigan to get a better understanding of the health and importance of our local waterways. This program is facilitated by the School of Freshwater Sciences' Outreach Manager Liz Sutton with visits from scientists and graduate students working in the field.

During the Watershed Exploration, students:

- Investigate ecology and aquatic life of the watershed
- Learn water quality sampling techniques
- Explore nonpoint source pollution and water
- Travel to the Milwaukee River to sample water quality
- · Spend a day onboard a research vessel, UWM's R/V Neeskay, to sample Lake Michigan

This camp spends three days in the classroom learning the science and techniques involved in exploring our local watersheds and two days applying new knowledge in the field. Students leave with a better understanding of the impact of water on our economy, recreational activities and public health.

\$250 Liz Sutton 8410-0111, Aug 3-7, 9am-1:30pm Gr. 6-12, Discovery Camp 4

Note: Due to the nature of the activities there will be additional waivers to sign in order to participate in the camp. There is a 30-minute, supervised lunch break every day. Please make sure students bring a bagged lunch.



CREATIVE ARTS

Classes are organized by grade level as well as by subject area. Courses that are offered for multiple grade levels are listed below, followed by courses only available for specific age groups. Please note that the curriculum increases in complexity for each grade level.

MULTIPLE GRADE LEVELS

Beginning Piano

This class is designed for students to develop basic piano skills. You work individually and in small groups to master the techniques of playing to learn pieces. There is also time spent in group instruction on musical notation and theory. Please note a \$10 supply fee has been added to the course to cover the cost of the piano rental.

\$109 Nora Reedy

8410-0102 Aug 3-7, 9-11am Gr. K5-2, Discovery Camp 3

8410-0114 Aug 3-7, 11:30am-1:30pm Gr. 3-5, Discovery Camp 3

8410-0127 Aug 3-7, 2-4pm Gr. 6-8, Discovery Camp 3

Beginning Ukulele

Get an introduction to the ukulele and the art of music performance through playing and singing music together. Learn how to play several chords, strumming patterns and scales as well as perform several songs as a group by the end of class. Please note that students need to bring their own ukulele.

\$99 Jason Spottek

8410-0459 June 22-26, 9-11am Gr. 3-5, Discovery Camp 1

8410-0473 June 22-26, 11:30am-1:30pm Gr. 6-12, Discovery Camp 1

Comic Connections

Create your own characters and learn how to place them in your own unique comic book. Explore Comic Book Art, and learn to draw and express your characters and story using a number of artistic techniques including clay, drawing and painting.

\$154 Bryce Coppersmith

8410-0435 June 15-26, 11:30am-1:30pm Gr. 6-8, Session I

8410-0452 June 15-26, 2-4pm Gr. 9-12, Session I

Crochet

Do you want to learn to crochet? Do you love making crafts that can be used and or given as gifts? Learn how to do basic crochet techniques while making a cute scarf for yourself or someone else. You learn the basic pattern for small shapes and "granny squares." For beginners or those who love to crochet already.

\$99

Rachel Zembrowski

8410-0104 Aug 3-7, 9-11am Gr. 3-5, Discovery Camp 3

8410-0129 Aug 3-7, 2-4pm Gr. 6-12, Discovery Camp 3



NEW! Dance Workshop: Tap and Jazz

Learn to perform like a Broadway pro through the dance styles of tap and Jazz. You'll learn routines to all the best Broadway tunes while practicing how to perform and tell a story through dance. Learn the most important warm-up, stretching and strengthening techniques every dancer needs to know. Your friends and family can even see you show off in our final performance at the end of the week.

\$99

Kelly Kotecki

8410-0119 Aug 3-7, 11:30am-1:30pm Gr. 6-8, Discovery Camp 3

8410-0124 Aug 3-7, 2-4pm Gr. 3-5, Discovery Camp 3

Embroidery

Have you ever wanted to add your own personal flair to your wardrobe? Want to learn to mend and make your own accessories and staples? Learn the basics of hand sewing and embroidery to create colorful and detailed imagery or even create your own wearable art without the expense and headache of a sewing machine. This course aims to teach the basics such as sewing buttons or fixing a hem, as well as more advanced techniques like creating your own embroidered pillow or doll. This class is for beginners with an interest in fabric and fiber arts.

\$154

Rachel Zembrowski

8410-0022 July 6-10, July 20-24, 11:30am-1:30pm Gr. 6-12. Session II

8410-0028 July 6-10, July 20-24, 2-4pm Gr. 3-5, Session II

Fashion Arts Illustrations

Do you have any eye for fashion? Do you dream of seeing your designs on the runways of Paris, Milan or Tokyo? If so, then this is the course for you! Learn the basics of fashion illustration and delve deeply into the world of cuts, colors and fabrics to create your very own designs. This illustration course challenges you to push your art to new heights.

\$154 Kenicia McKinney

8410-0020 July 6-10, July 20-24, 11:30am-1:30pm Gr. 6-8, Session II

8410-0032 July 6-10, July 20-24, 2-4pm Gr. 6-12, Session II

Freehand Sketching

At the end of the two-week session, you will be able to freehand sketch manufactured objects using only a pencil and blank paper. No drawing instruments, such as rulers, compasses, etc., are necessary. Sketch objects in orthographic, isometric and oblique views.

\$154 Richard Marklin 8410-0427 June 15-26, 9-11am Gr. 6-12, Session I

NEW! Geodesic Domes

Geodesic domes are fascinating architectural structures. They are actually the most lightweight and efficient way of utilizing space. In this class you learn more about the many uses of geodesic domes, build models, and construct an outdoor, tie-dyed, 16-foot dome.

\$99 Bryce Coppersmith 8410-0406 June 8-12, 9-11am

Gr. 6-12, Discovery Camp Plus

Jewelry and Metals – Silver Rings, Stone Setting Pendants and Glass Enamel on Jewelry

Make your own jewelry as you explore metal, stone setting and fused glass in this unique art class! Basic techniques of metalworking are covered including cutting, drilling, texturing, shaping, enameling and soldering. You learn to work with copper, brass and sterling silver. Add amazing faceted stones and cabochons to accent your jewelry. Craft a ring, pendant and more.

\$164

Instructor: TBA

8410-0450 June 15-26, 2-4pm

Gr. 6-12, Session I



Interior Design

Do you love decorating your room or any space? Then this is the class for you! This introduction to the field of interior design emphasizes the principles and elements of design as well as the selection and organization of furnishings, floor and wall coverings, window treatments, lighting and accessories. You design spaces to fit client needs.

\$154 Kenicia McKinney

8410-0045 July 27-Aug 7, 9-11am Gr. 6-12, Session III

8410-0050 July 27-Aug 7, 2-4 pm Gr. 3-5, Session III

Mindful Art Practices

The world is a big and busy place where you are expected to go, go, go! Take some time to reflect and unwind with these mindful art practices. This course covers a variety of techniques and materials to help find inner peace and practice self-expression in a creative and constructive way. It is never too early to learn about the importance of self-care and what better way to learn than through the fun and beauty of art? Look forward to collage, fiber arts, painting and more!

\$99

Kenicia McKinney

8410-0137 Aug 10-14, 9-11am Gr. 6-8, Discovery Camp 4

8410-0146 Aug 10-14, 11:30am-1:30pm Gr. 3-5, Discovery Camp 4

NEW! Musical Theater

From "The Sound of Music" to "Wicked" to "Hamilton," explore the classics and new age musical theater styles. Experience the audition process as if you were really in a Broadway show. We'll work to create a public performance for the final day of class. No experience required.

\$99

Christal Wagner 8410-0099 July 20-24, 2-4pm Gr. 6-12, Discovery Camp 2

One-Act Play: Stage and Set Design

In partnership with our Theater One-Act Play, our Stage Crew students create the props, sets and backdrop for our performance on the final Friday of the session.

\$154

Rachel Zembrowski 8410-0010 July 6-10, July 20-24, 9-11am Gr. 6-12, Session II

One-Act Play: Theater

Take part in the adventure of directing, rehearsing, costuming and performing a one-act play. You pick a one-act play from a handful of choices and over a two-week period learn your lines, learn how to dramatize your role, create your own costumes and perform in front of your peers, parents and friends on the final Friday of the session. Please note that students must bring another pair of shoes to change into in order to participate. Please make sure your child brings appropriate shoes; no flip-flops or sandals.

\$154 Naomi Guzman 8410-0011 July 6-10, July 20-24, 9-11am Gr. 6-12, Session II



NEW! Photography & Imaging

In this class you learn some of the basics of photography as an art form. Utilize several different techniques in photo capturing while learning some of the basics of the art of photography.

\$154

Instructor: TBA

8410-0066 July 27-Aug 7, 2-4pm

Gr. 6-12, Session III

Pottery

Nothing's more fun than working with clay! Create pottery pieces using a variety of hand-building techniques: pinch and punch potting, coiling, slab building and more. Projects may include bird houses, picture frames, mobiles, jewelry and garden ornaments! Please note there is downtime in this class while the pottery is firing/drying. Students utilize this time to prep their room for the art show on the last day of class.

\$174

Ethan Kastner

8410-0437 June 15-26, 11:30am-1:30pm Gr. 6-8, Session I

8410-0444 June 17-28, 2-4pm Gr. 3-5, Session I

8410-0052 July 22-Aug 2, 11:30am-1:30pm Gr. 3-5, Session III

8410-0064 July 22-Aug 2, 2-4pm Gr. 6-8, Session III

\$109

Ethan Kastner

8410-0083 July 20-24, 11:30am-1:30pm Gr. 3-5, Discovery Camp 2

8410-0097 July 20-24, 2-4pm Gr. 6-8, Discovery Camp 2

Print Making

Come join us in the lost art of printmaking. In this class you work with the different types and styles of printing and tools to create a piece of artwork that belongs in what is becoming a lost art.

\$174

Instructor: TBA

8410-0043 July 27-Aug 7, 9-11am

Gr. 6-8, Session III

Social Justice Theater

There are many ways to address issues of social justice that affect you. One of the most powerful and accessible is the outlet of theater. If you are interested in how theater can be used to affect change, this is the class for you. We view and explore different aspects of theater and how it relates to current social issues. Working in small groups and in some cases, independently, you isolate an issue of social justice, collect data and look into plays that have a strong pull and promote thinking on an issue.

\$109

Rachel Zembrowski

8410-0149 Aug 10-14, 11:30am-1:30pm Gr. 6-8, Discovery Camp 4

8410-0166 Aug 10-14, 2-4pm Gr. 9-12, Discovery Camp 4

Theater Workshop

Experience the magic of theatre! Explore the craft of theatre, including voice, movement, makeup and costumes. Put it all together to create a short play that we'll present for family and friends on the final day of class. Please note that students must bring another pair of shoes to change into in order to participate. Please make sure your child brings appropriate shoes; no flip-flops or sandals.

\$99

Rachel Zembrowski

8410-0463 June 22-26, 9-11am Gr. 9-12, Discovery Camp 1

8410-0471 June 22-26, 11:30am-1:30pm Gr. 6-8, Discovery Camp 1

8410-0478 June 22-26, 2-4pm Gr. 3-5, Discovery Camp 1

GRADES K5-2

NEW! Art in Motion

Let's celebrate all things that move and groove! We'll create kites, mobiles, hot air balloons and other art forms that move through a variety of really cool projects. Let's get moving for art!

\$99

Erin O'Connell 8410-0071 July 20-24, 9-11am Gr. K5-2, Discovery Camp 2

NEW! Colorful Collage

Cut, glue and assemble different forms to create colorful scenery, portraits and designs.

\$154

Erin O'Connell 8410-0441 June 15-26, 2-4pm Gr. K5-2, Session I

NEW! Elementary Music

Create your own amazing music on drums, sing your favorite songs, learn about rhythm and dance along! In this elementary music course you get to explore the world of music through your amazingly creative mind. Learn how to read and write your own music and songs, play your favorite songs and become the best musician that you can be!

\$154

Instructor: TBA 8410-0059 July 27-Aug 7, 2-4pm Gr. K5-2, Session III

NEW! Fun With Fine Arts

Sketching, painting, printing, sculpture and mixed media! Learn the influences of fine artists throughout history. Use their techniques to create your own artworks!

\$99

Liz Smith 8410-0156 Aug 10-14, 2-4pm Gr. K5-2, Discovery Camp 4

NEW! Kid's Art

In this class, you are introduced to basic art techniques, which are the building blocks of a solid foundation for future art lovers and artists. Explore the great world of art using oil pastels, clay, paper and paint. This unique learning experience places an emphasis on having fun while exploring creativity!

\$154

Erin O'Connell 8410-0429 June 15-26, 11:30am-1:30pm Gr. K5-2, Session I

NEW! Mish Mash With the Masters

Enjoy lots of different types of art? This is the class for you! Mish and mash with different artists and different mediums.

\$154

Erin O' Connell 8410-0419 June 15-26, 9-11am Gr. K5-2, Session I

Pint-sized Picassos

Splash, sponge and spread the paint. We'll learn about composition, line, design and color by creating original works by famous artists.

\$154

Erin O'Connell 8410-0024 July 6-10, July 20-24, 2-4pm Gr. K5-2, Session II

Printing for Kids

Engage in a fine artist study of printmaking. Learn about prints created by Rembrandt, Matisse, Picasso, Cassatt and Warhol. Explore four different printmaking techniques: relief, intaglio, stencil and planographic. Develop a deeper understanding of positive and negative space, composition and line, and using recycled materials and found objects to produce your next masterpiece!

\$154 Liz Smith 8410-0037 July 27-Aug 7, 9-11am Gr. K5-2, Session III

Storybook Art

We'll read lovely stories – including old favorites and new adventures – and create beautiful works of art using the books as inspiration.

\$99

Teagan Briscoe 8410-0455 June 22-26, 9-11am Gr. K5 2, Discovery Camp 1

GRADES 3-5

NEW! All About Color

Discover the power of color! Learn about the primary, secondary, tertiary and complementary color schemes. Discover which colors create warm, cool, and popping moods through multiple mediums.

\$99

Erin O'Connell 8410-0086 July 20-24, 11:30am-1:30pm Gr. 3-5, Discovery Camp 2

Bookmaking

Do you know the difference between an accordion book and a flip book? Come join us as we discuss the different types of books and then let your imagination wander as you create your own book.

\$154 Charlene Osheim 8410-0004 July 6-10, 9-11am Gr. 3-5, Session II

Cultural Mask Making

People have long used masks to symbolically represent animals, emotions, figures and other things that influence culture. This hands-on class lets you learn about different cultures as you design masks that are representative of things which influenced or affected humans throughout the ages.

\$99

Teagan Briscoe 8410-0073 July 20-24, 9-11am Gr. 3-5, Discovery Camp 2

Dance Around the World

Come join us as we learn short dances from Irish jigs, American swing, hip-hop and other styles, while also learning a little bit of history of each style. On the last day of class we will perform a dance for parents and families. Please note that students must bring another pair of shoes to change into in order to participate. Please make sure your child brings appropriate shoes to class each day; no flip flops or sandals.

\$99

Nancy Weiss-McQuide 8410-0158 Aug 10-14, 2-4pm Gr. 3-5, Discovery Camp 4

NEW! Paper Crafts From Around the World

From Japanese kirigami flowers to Puerto Rican vejigante masks, experience the many ways that people in different cultures work to express themselves and share their cultures! Each day we'll read a different folk story or tale from around the world and make a paper craft to share the stories we learn.

\$154 Katie Whitmore 8410-0446 June 15-26, 9-11am Gr. 3-5, Session I

Piñata Pizzazz

Learn the art of paper mâché as you create and design your own paper mâché party piñata. Bring your own candy and surprises to fill your piñata to take home and share with friends and family.

\$154 Megan Grauer 8410-0040 July 27-Aug 7, 9-11am Gr. 3-5, Session III

Yummy Art

Get your spoon, paintbrush and chocolate syrup ready — we're creating art! From cupcake design to mosaics with food to chocolate syrup painting, learn all about the wonderful and wacky world of food art. Build spaghetti sculptures, discuss food artists such as Vic Muniz, play "foodie" games and make your own incredible edibles! Note: No peanut or peanut oils will be used.

\$154

Charlene Osheim 8410-0018 July 6-10, July 20-24, 11:30am-1:30pm Gr. 3-5, Session II

GRADES 6-8

Cartooning

Tickle your funny bone with this drawing class. If you like to draw your own comic books or are interested in learning more about cartooning, join us. No drawing experience necessary.

\$99

Bryce Coppersmith 8410-0414 June 8-12, 2-4pm Gr. 6-8, Discovery Camp Plus

Hip-Hop Don't Ya Stop!

Master movements like "waving," "popping," "locking," "unprocking" and "ticking." Learn about the origins of hip-hop culture and music. No previous dance training is required. A free spirit is a must! Knee pads may be recommended for floorwork. Please note that students must bring another pair of shoes to change into in order to participate. Please make sure your child brings appropriate shoes to class each day; no flip flops or sandals.

\$99

Gabi Sustache 8410-0401 June 8-12, 9-11am Gr. 6-8, Discovery Camp Plus

Live at the Improv!

Get on your feet and stay on your toes! Learn the fundamentals of improvisation by playing some of the same games of professionals at Comedy Sportz! Please note that students must bring another pair of shoes to change into in order to participate. Please make sure your child brings appropriate shoes to class each day; no flip flops or sandals.

\$154 Rachel Zembrowski 8410-0054 July 27-Aug 7, 11:30am-1:30pm Gr. 6-8, Session III

NEW! Stage Make-up

Come learn how the professionals do their makeup on stage. Learn such things as age makeup, animals and many more. Note: we will be using Ben Nye creme-based makeup. There is always a very small chance of allergic reactions, so prior testing is suggested. Additional \$5 fee per student for supplies.

\$154

Tara Kindwall 8410-0030 July 6-10, July 20-24, 9-11am Gr. 6-8, Session II

Sweet Kicks!

Come join us in creating art from a piece of everyday clothing. You design, paint and create some ... sweet kicks! Using shoes made of canvas, you make art from footwear. Please note that each student is provided a new pair of shoes to work with. We ask that upon registration the child's shoe size is emailed to our program at least one week before the start of class.

\$109

Bryce Coppersmith 8410-0409 June 8-12, 11:30am-1:30pm Gr. 6-8, Discovery Camp Plus

GRADES 9-12

NEW! Claymation

Are you interested in films by Tim Burton like "The Corpse Bride" and "The Nightmare before Christmas"? Then you will love the chance to create short videos inspired by the works of Tim Burton and other well-known Claymation cinematographers using stop-motion apps and characters/sets that you get to create yourself.

\$99

Anthony Nash 8410-0164 Aug 10-14, 2-4pm Gr. 9-12, Discover Camp 4

Popera: Gaga to Pavaratti

Music is a multi-faceted art form and there is not just one way to represent it. In this class learn about different genres of music with specific emphasis on opera and how it relates to pop music.

\$99

Instructor: TBA

8410-0142 Aug 10-14, 9-11am Gr. 9-12, Discover Camp 4

HUMANITIES/ SOCIAL SCIENCES

Classes are organized by grade level as well as by subject area. Courses that are offered for multiple grade levels are listed below, followed by courses only available for specific age groups. Please note that the curriculum increases in complexity for each grade level.

MULTIPLE GRADE LEVELS

Ace Academic Writing: Strategies for Crafting an Excellent Essay

Do words like hook sentence, thesis statement, body paragraphs and conclusion make you want to hide under your bed? Well, fear not! We discuss the meaning behind those key terms, and you use your newfound knowledge to organize miniessays. These mini-essays provide the ideas and the structures we need to organize early drafts in order to turn them into polished pieces of writing. Join us for one week full of tips that will make writing fun.

\$99 Sarah O'Connell

8410-0410 June 8-12, 11:30am-1:30pm Gr. 9-12, Discovery Camp Plus

8410-0413 June 8-12, 2-4pm Gr. 6-8, Discovery Camp Plus

Architecture and Fabrication

Do you want to learn how to make threedimensional objects that will have an impact on the built environment? This class offers access to a rapid prototyping lab and a number of tools and resources aimed at computer-aided prototyping and model making. See how to use the laser cutting and 3D printer. See how these tools can change the way you think about your city.

\$174 Matt Mabee

8410-0425 June 15-26, 9-11am Gr. 6-8, Session I

8410-0453 June 15-26, 2-4pm Gr. 9-12. Session I



Bowling 101

Did you know that bowling incorporates math and physics? Learn the history of bowling, proper etiquette and how to find the right ball. From scoring drills to the four-step approach, learn ways to improve your game. The last day of class will be a fun day at Cosmic/9 Pin Tap. No prior experience or equipment needed. Course taught by a U. S. Bowling Congress silver-certified coach.

\$99

Chad Sorce 8410-0078 July 20-24, 9-11am Gr. 6-12, Discovery Camp 2

Career Discovery

Explore career options through assessments based on interests and skills while learning how to prepare for interviews. Get yourself ready for the next stage of your life as you learn how to make a résumé, cover letter and thank you letter. Please note that by registering for this class you provide permission for your child to access the internet. Flash drive is required.

\$99

Matt Gutierrez 8410-0120 Aug 3-7, 11:30am-1:30pm Gr. 6-12, Discovery Camp 3

Exploring Martial Arts

Learn about the different types of martial arts and the countries they come from. Discover how martial arts were used in the past and how we use them today. You learn some basic movements, including stances, blocks and kicks, as well as verbal defense (using words to de-escalate a conflict). This is a high-energy, interactive program with an emphasis on respect toward teachers, parents and peers, and using self-discipline at school and at home.

\$164 Bob Woods

8410-0038 July 27-Aug 7, 9-11am Gr. 3-5, Session III

8410-0057 July 27-Aug 7, 11:30am-1:30pm Gr. 6-12, Session III

Harry Potter Club: Science, Art and Imagination

Experience the wonder of the magical world of Harry Potter through science, art, literature and role play. Create your own wands, make dragon eggs, mix edible potions, solve puzzles and riddles, and make your character duel against your friends. All of this while listening to J.K. Rowling's stories of Harry Potter and Hogwarts. So jump onboard the Hogwarts Express and into the magical world of Harry Potter.

\$154 Bryce Coppersmith 8410-0426 June 15-26, 9-11am Gr. 6-12, Session I

Italian Cooking

What about learning Italian through Italian cooking classes? It's a win-win, right? You could have an introduction to Italian and learn how to prepare a wonderful tiramisu, risotto and other Italian dishes. Join us in this delicious adventure ... you get to eat what you prepare!

\$174

Enrica Fracchia/Vittoria Sipone

8410-0421 June 15-26, 9-11am Gr. 3-5, Session I

8410-0436 June 15-26, 11:30am-1:30pm Gr. 6-8. Session I

Philosophy 101

To be, or not to be? Get an introduction to life's questions, and explore how they affect human beings.

\$99

Eric Czyzewski 8410-0079 July 20-24, 9-11am Gr. 6-12, Discovery Camp 2

NEW! Read; Write; Recite

Spend the week sharing excerpts from our favorite books. In addition to reading and speaking, we also practice writing. Our favorite narratives become the basis for original writing. Our writing samples will be the basis for practicing critique and revision. Whether you love reading, writing, and speaking—or you need more practice—this course represents an opportunity to improve upon these essential skills.

\$99 Sarah O'Connell 8410-0404 June 8-12, 9-11am Gr. 6-12, Discovery Camp Plus

Social Issues

Identify research and debate issues that affect American teens today.

\$99 Matt Gutierrez 8410-0140 Aug 10-14, 9-11am Gr. 6-12, Discovery Camp 4

NEW! Stories All Around Us

Writer Thomas King argues that the truth about stories is that they are all we are. We use this argument to guide our class, and look for stories in obvious places such as the internet, books or newspapers. We also become detectives. Our job will be to hunt for stories in unexpected places. Once we locate these stories, we discuss and analyze them. The course culminates in acts of invention where we create our own stories by using inspiration from the world around us.

\$99 Sarah O'Connell 8410-0460 June 22-26, 9-11am Gr. 6-8, Discovery Camp 1 8410-0479 June 22-26, 2-4pm Gr. 3-5, Discovery Camp 1

Strategy Games

Learn skills such as 3D thinking, critical thinking, patience and strategizing while playing some inventive board, role-playing and problemsolving games.

\$99 Greg Sukowaty 8410-0139 Aug 10-14, 9-11am Gr. 6-12, Discovery Camp 4

Writing for Television

Learn how to develop characters, theme, plot and dialogue while developing a script outline for a television show.

\$99 Matt G

Matt Gutierrez 8410-0109 Aug 3-7, 9-11am Gr. 6-12, Discovery Camp 3



GRADES K5-2

Alphabeasts

Animals and the alphabet are the subjects of this art, science and reading readiness class. A Dinosaur Day and other special surprises provide a great, roaring, learning adventure.

\$154 Malik Cupid 8410-0060 July 27-Aug 7, 2-4pm Gr. K5-2, Session III

NEW! Author & Illustrator: Creating Stories

In this class you learn about storytelling, how to relate your own stories, as well as about different authors and illustrators in children's literature. Explore a variety of illustration techniques and story genres. Develop your own skills as an author and illustrator. It's time to create a masterpiece!

\$154 Liz Smith 8410-0049 July 27-Aug 7, 11:30am-1:30pm Gr. K5-2, Session III

Dinosaur Detectives

Enter the land before time. Study dinosaurs and their lives, and examine fossils and learn how to classify them. Some plants have not changed since the time when dinosaurs had them on their menus. Find out which ones they are and much more.

\$154 Jen Bertrand-LaDuke 8410-0001 July 6-10, July 20-24, 9-11am Gr. K5-2, Session II

Eric Carle's Readers Theater

Do you enjoy reading or being read to? Does author/illustrator Eric Carle interest you? Do you have dreams of being an actor or actress? If you answered yes to any of these questions, this class is for you! Through the use of props, scripts and collaboration, we bring to life the pages of Eric Carle's most popular books as well as enhance your ability to comprehend what you are reading.

\$99 Enrica Fracchia 8410-0101 Aug 3-7, 9-11am K5-2, Discovery Camp 3

50 Nifty United States!

We live in a wonderful country of 50 states. Learn the names of all 50 states and some interesting facts about each one we study. Sample foods associated with each state. Learn to love and appreciate our beautiful country.

\$99 Emily Wagner 8410-0091 July 20-24, 2-4pm Gr. K5-2, Discovery Camp 2

NEW! Fun Around the World

Learn about customs, music, games, dance, food and other fun around the world! Visit a new country each day; track your adventures with your passport and travel journal.

\$99 Enrica Fracchia 8410-0144 Aug 10-14, 11:30am-1:30pm Gr. K5-2, Discovery Camp 4

NEW! Let's Go to the Zoo

Learn about zoo animals, what it takes to be a zookeeper, make your own zoo, create animal exhibits and more.

\$154 Becca Lind 8410-0430 June 15-26, 11:30am-1:30pm Gr. K5-2. Session I

NEW! Puppet Theater

Design and create your own puppets and write and produce your own puppet shows.

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Jordan Lind 8410-0072 July 20-24, 9-11am Gr. K5-2, Discovery Camp 2

NEW! Superheroes in Training

A fun-filled STEM class in which you get to create your superhero mask! Tell your superhero's story by writing your very own comic strip, use unplugged coding to create a superhero path, design your very own superhero necklace and build a superhero vehicle!

\$99

Jordan Lind 8410-0466 June 22-26, 11:30am-1:30pm Gr. K5-2, Discovery Camp 1

The Wonderful World of Dr. Seuss

Explore the different worlds within the books of Dr. Seuss. Act out the stories, create a map of Whoville, build a Truffula tree and more!

\$99

Enrica Fracchia 8410-0155 Aug 10-14, 2-4pm Gr. K5-2, Discovery Camp 4

NEW! X Marks the Spot

This is a pirate-themed class in which you create your own treasure map, go on a treasure hunt, create Treasure Island, make puppets to tell a pirate story and so much more!

\$99

Jordan Lind 8410-0082 July 20-24, 11:30am-1:30pm Gr. K5-2, Discovery Camp 2

GRADES 3-5

All About Pirates

Ahoy matey! Is a pirate's life for you? Learn the customs and lifestyle of pirates, and even how to talk like one. At the end, enjoy some sweettasting loot from a pirate ship.

\$99

Instructor: TBA 8410-0457 June 22-26, 9-11am Gr. K5-2, Discovery Camp 1 Checkmates!

Chess is a game which is not only fun, but it has many benefits for kids. Playing chess is known to increase focus, develop critical-thinking and planning skills, and support socialization. In this beginning level chess course, you learn about the history of the game, the names and values of the pieces, and how the pieces move. You then apply the strategies and skills taught to playing full games of chess. Chess puzzles and practice activities are used to increase understanding of chess lingo and tactics.

\$154 Liz Hopkins 8410-0432 June 15-26, 11:30am-1:30pm Gr. 3-5, Session I

Don't Get Bored With Board Games

Put down your iPad and Xbox and enjoy some old-fashioned fun. Unfold the world of board games this summer. Both educational and social, these games teach you about strategy and life, about paydays and careers! You might even see some masterpieces along the way! We'll even create a board game of our own.

\$99

Instructor: TBA 8410-0095 July 20-24, 2-4pm Gr. 3-5, Discovery Camp 2

Escape the Classroom

In this class escape room, also known as an "escape game," you engage in a physical adventure game in which players solve a series of puzzles and riddles using clues, hints and strategy to complete the objectives at hand. Players are given a set time limit to unveil the secret plot which is hidden within the rooms. Solve the clues for the day and escape the classroom.

\$154

Carrie Sullivan 8410-0005 July 6-10, July 20-24, 9-11am Gr. 3-5, Session II

Fairy Tales From Across the World

Pack your bags and travel around the world without leaving the classroom. This course highlights different countries from around the world and their takes on universal stories of love, hardship and triumph. Fairy tales are the basis for our projects and our own invented stories.

\$99

Rachel Zembrowski 8410-0134 Aug 10-14, 9-11am Gr. 3-5, Discovery Camp 4

Minute to Win It

Play some of the popular games from the hit TV show "Minute to Win It." Try your hand at Bucket Head, Elephant March and Card Ninja. Build sportsmanship and leadership qualities, and be inspired to invent your own "Minute to Win It" games.

\$154 Peter Couto 8410-0026 July 6-10, July 20-24, 2-4pm Gr. 3-5, Session II

Playground Games

Learn sportsmanship, rules, make friends and have fun this summer playing games! We'll do warm-up stretches and then play games like kickball, capture the flag and relay races. Come dressed for fun and ready to play!

\$99

Instructor: TBA 8410-0125 Aug 3-7, 2-4pm Gr. 3-5, Discovery Camp 3

Reader's Theater

Get excited about reading with Reader's Theater, where you develop scripts, perform in groups, and practice using your voice to depict characters from texts. You develop fluency and improve your understanding of what you are reading.

\$99

Liz Smith 8410-0147 Aug 10-14, 11:30am-1:30pm Gr. 3-5, Discovery Camp 4

Saving Bob!

Help! Bob has gotten himself into another crazy situation! In this class, you use engineering, creativity, teamwork and imagination to rescue our hero Bob from one sticky situation after another. From evading coyotes by crossing the Grand Canyon to escaping a burning inferno of a building, you utilize engineering and everyday materials to help Bob to safety.

\$154 Jen Bertrand-LaDuke 8410-0017 July 6-10, July 20-24, 11:30am-1:30pm Gr. 3-5, Session II

Sports Collectibles

Learn about the history of collecting cards and memorabilia. Explore how to start, protect and assess your collection.

\$99 Chad Sorce 8410-0084 July 20-24, 11:30am-1:30pm Gr. 3-5, Discovery Camp 2

Want to Be a Card Shark?

Come join us as we explore some favorite card games and learn the strategies behind them. Canasta, Crazy Eights, Kings Corner and Solitaire are just a few of the card games that you play in this class. By the end, you'll be so good you will be able to teach your family and friends.

\$99

Instructor: TBD 8410-0105 Aug 3-7, 9-11am Gr. 3-5, Discovery Camp 3

Where in the World?

Travel the seven continents and four oceans with us. Make your own globe, passport and travel log. Leave a little room in your suitcase for souvenirs like musical rainsticks from Chile and a dashiki from Africa. Mail postcards home from the places we visit. Sign up now for a trip around the world.

\$154

Charlene Osheim 8410-0051 July 27-Aug 7, 11:30am-1:30pm Gr. 3-5, Session III

NEW! Words for Water

Wisconsin borders some of the Great Lakes. Its unique position creates an opportunity to consider the myriad of ways that water is central to our daily lives and geographic identities. Join us for a truly interdisciplinary course where you learn about everything from water's role in indigenous stories to strategies for water conservation. This course joins elements of cultural studies and social studies with science and storytelling. We have the opportunity to consider all ways that water affects our common experience of living in Wisconsin.

\$99 Sarah O'Connell 8410-0469 June 22-26, 11:30am-1:30pm Gr. 3-5, Discovery Camp 1

Yoga

Yoga can help you improve your balance, your strength, your flexibility and your energy. Learn how breathing exercises can change your mood. Learn to use basic poses and movements to relax and energize yourself at the same time. Mats are supplied.

\$99 Kelly Kotecki 8410-0093 July 20-24, 2-4pm Gr. 3-5, Discovery Camp 2

GRADES 6-8

Advertising 101

Learn about the fundamentals of advertising and how to abide by the standards of advertising ethics to truthfully market to your clients. Create a mock advertising and public relations campaign kit for a product or invention of your choosing. This class is held in a computer lab. *Please note that by registering for this class you provide permission for your child to access the internet*.

\$99 Matt Gutierrez 8410-0098 July 20-24, 2-4pm Gr. 6-8, Discovery Camp 2



Blueprints to Buildings

Use your imagination and math skills to design and decorate the spaces in which you live and play! We discuss measurement, ratio, proportion and the art of focused viewing, and then use these tools to create 3D drawings of our layouts. We also look at the furnishings aspect of design. You end the week with a blueprint of what you want your space to look like.

\$174 SARUP faculty/staff 8410-0009 July 6-10, July 20-24, 9-11am Gr. 6-8, Session II

Building a Debate

Logic is the best tool for building a strong case in any debate. Develop and effectively present rational, fact-based arguments on both sides of a selected issue. Practice your delivery in class, because you never know when you'll have to apply your new knowledge at home with your siblings.

\$154 Thomas Lane 8410-0448 June 15-26, 2-4pm Gr. 6-8, Session I

Castles and Medieval Warfare

What makes European castles so fascinating? Learn the history and architecture behind their construction and the technological advancements they inspired. You design your very own castle, and take it home and show it off.

\$154 Eric Czyzewski 8410-0423 June 15-26, 9-11am Gr. 6-8. Session I

Character Building

Imagine your favorite literary or movie character – how would you take on their persona? We choose some of our favorite characters and take on their voices in our writing. You'll have the chance to write short stories and even interviews with your most beloved literary and film favorites. Join us for a week of character-building fun!

\$99 Katie Whitmore 8410-0107 Aug 3-7, 9-11am Gr. 6-8, Discovery Camp 3

Communication 101

Good communication is considered by many to be one of the most important skills to have. Learn to communicate with teens from different areas, schools and backgrounds, study clear communication strategies and practice public speaking. You also express your thoughts through the writing process and understand best practices for interacting with parents, teachers and peers.

\$99 Matt Gutierrez 8410-0161 Aug 10-14, 2-4pm Gr. 6-8, Discovery Camp 4

NEW! Designing With Virtual Reality

In this course, you can learn simple ways to create your own virtual world. You learn how to generate an idea by digitally drawing a composition in the air and interacting in your own composition. This is an ideal class to explore new communication technologies and digital models, perfect if you have thought about being an architect, sculptor or digital artist. This course focuses on VR usage to visualize and manipulate a tri-dimensional and interactive art/architectural virtual model.

\$154 Gaby Bustos 8410-0042 July 27-Aug 7, 9-11am Gr. 6-8, Session III

Leadership Skills

Do you like being the center of attention wherever you go? Do you strive to become a leader? Take this class to gain the necessary leadership skills to achieve positive self-esteem, confidence and the ability to be a positive role model. You learn strategies to become an effective communicator and sharpen your positive character traits. Emphasis is placed on understanding your personal traits, values and characteristics and building a foundation for continued leadership development.

\$99 Matthew Gutierrez 8410-0151 Aug 10-14, 11:30am-1:30pm Gr. 6-8, Discovery Camp 4

NEW! Fantasy Book Clubs

Are you familiar with the film versions of "The Hobbit," "Alice in Wonderland" and "Harry Potter"? These movies all began as fantasy novels. Examine the genre as we talk about themes and characters that made writers like J.R.R. Tolkien, Lewis Carroll and J.K. Rowling famous. Build an understanding of the components to the genre, and then write your own stories.

\$154 Katie Whitmore 8410-0021 July 6-10, July 20-24, 11:30am-1:30pm Gr. 6-8, Session II

Monster's Lit

Many children fear the monster that could be hiding under the bed. Conquer those fears by coming face to face with famous monsters from children's texts as well as literary texts. We venture into the woods to see "Where the Wild Things Are," and we'll go looking for Frankenstein's monster too. Join us on this intriguingly dark journey. When the monsters come out to play, we'll be ready to have some fun with them.

\$99 Katie Whitmore 8410-0118 Aug 3-7, 11:30am-1:30pm Gr. 6-8, Discovery Camp 3

Poetry 101

The only way to learn how to write is to do it. Put your pen to paper and let your passion and creative freedom be your guide. Through inspirational techniques, group feedback and fun exercises, jumpstart your writing and create beautiful works of words.

\$99 Katie Whitmore 8410-0128 Aug 3-7, 2-4pm Gr. 6-8, Discovery Camp 3



NEW! Poetry Out Loud

Let's use poetry to write authentically and powerfully from our perspective. Together, we gather material from our lives and experience to create a variety of poems across different genres. Our poetry reflects our lives, celebrates our history and highlights our heritage. Together, let's recite, shout, perform and dance our poetry until it speaks to who we are!

\$154 Katie Whitmore 8410-0007 July 6-10, July 20-24, 9-11am Gr. 6-8, Session II

NEW! Psychological Profiling

Check out how the F.B.I. uses psychology to ferret out the M.O. (modus operandi) of a crime. Catch on to how agents draw up a criminal profile and predict future behaviors. Discover some of the famous criminals who have been brought to justice through profiling. Recognize personality traits in yourself and others. Learn how trained personnel tap into their fears and intuition to empower themselves.

\$99 Marilyn Kindwall 8410-0408 June 8-12, 11:30am-1:30pm Gr. 6-8, Discovery Camp Plus

Trivia Games

Think you know your facts? Do you love trivia? Are you an expert at history, science, geography or reading? In this class, you'll play several different trivia games including Split Second, Jeopardy!, quiz bowl, and others; learn facts to elevate your game.

\$99 Matt Gutierrez 8410-0088 July 20-24, 11:30am-1:30pm Gr. 6-8, Discovery Camp 2

NEW! Star Wars: Jedi or Sith?

The Force is with you! Now it is time to decide Light or Dark? In this class you learn about the multifaceted world of STAR WARS and the everexpanding mythology of the Force. Take part in hands-on activities and games centered on the Jedi and Sith orders.

\$154 Eric Czyzewski 8410-0438 June 15-26, 11:30am-1:30pm Gr. 6-8, Session I

Leprechauns & Krakens & Elves, Oh My! Folklore From Across the Globe

For thousands of years, people from all over the world have found unique ways to explain everything from the creation of man to the existence of the tides. Come meet some of the characters that populate these tales. They come from places as near as Wisconsin and as far away as Ireland and Scandinavia. Explore the folklore of a different country each day, and regale your friends and family with stories from our journey.

\$154 Katie Whitmore 8410-0434 June 15-26, 11:30am-1:30pm Gr. 6-8, Session I

NEW! Writing Circles

If you love writing and sharing your ideas with others, then this is the class for you! Try your hand at different writing styles and genres and get feedback from other student writers. In this class you work together with like-minded fellow students supporting each other in writing stories.

\$99 Erica Zitzke 8410-0482 June 22-26, 2-4pm Gr. 6-8, Discovery Camp 1

GRADES 9-12

Academic Survival Skills

Develop your problem-solving skills while learning to think critically and creatively. We'll apply these skills to help you organize your schedule, become a better notetaker, set achievable goals and become a confident test taker to excel in the classroom now and in life overall.

\$154 Instructor: TBA 8410-0046 July 27-Aug 7, 9-11am Gr. 9-12, Session III

All About Politics

Love all the action in politics? Are you an aspiring politician or just want to know more about the democratic process? Then do not miss this journey through the history of politics. Learn how a new political party is created, and study the development of the convention's national platform.

\$99 James Nelsen 8410-0100 July 20-24, 2-4pm Gr. 9-12, Discovery Camp 2

NEW! Architecture and Models

Learn the process of how architects design, working from 2D to 3D images with a focus on the language of architecture using traditional and digital drawing. Projects include a historic model and birdhouse.

\$99 SARUP faculty/staff 8410-0474 June 22-26, 11:30am-1:30pm Gr. 9-12, Discovery Camp 1

NEW! Architecture and Design

Learn the process of how architects design, working from 2D to 3D images with a focus on the language of architecture using traditional and digital drawing. Projects include chair design and a desktop organizer.

\$174 SARUP faculty/staff 8410-0034 July 6-10, July 20-24, 2-4pm Gr. 9-12, Session II

NEW! Architecture and Domestic Space

Learn the process of how architects design, working from 2D to 3D images with a focus on the language of architecture using traditional and digital drawing. Projects include interior design, a pavilion and a house.

\$174 SARUP faculty/staff 8410-0069 July 27-Aug 7, 2-4pm Gr. 9-12, Session III



NEW! College Essay Writing

Get prepared for writing at the college level and sharpen your existing writing skills by learning about college-level writing techniques. Session topics include steps of the writing process, conducting research, prewriting and developing a thesis, preparing a draft, constructing a logical argument, editing, proofreading, APA citations and MLA citations.

\$99 Matt Gutierrez 8410-0131 Aug 3-7, 2-4pm Gr. 9-12, Discovery Camp 3

College Readiness

As a high school student, you learn how to research scholarship opportunities. You also learn how to file for FASFA and how financial aid can assist in your goals. *Please note that by registering for this class you provide permission for your child to access the internet. Flash drive is required.*

\$99 Instructor: TBA 8410-0165 Aug 10-14, 2-4pm Gr. 9-12, Discovery Camp 4 Limit 15 students

NEW! The Complete Fool

Did you ever watch the fools at the Renaissance Faire or in Medieval movies and think, "Oh, fun!" Well, now you can be one of those fools. Come join us. Learn to use the devil sticks, poi, batons and more.

\$154 Tara Kindwall 8410-0023 July 6-10, July 20-24, 11:30am-1:30pm Gr. 9-12, Session II

NEW! Expedition Unknown

We are on a mission to discover mysteries of the unknown throughout history. In this class you will be on an adventure to find the truth behind captivating and iconic unsolved legends including the disappearance of Amelia Earhart in the South Pacific, the quest for King Arthur in the U.K., and Blackbeard's missing gold in the Caribbean.

\$99 Chad Sorce 8410-0462 June 22-26, 9-11am Gr. 9-12, Discovery Camp 1

NEW! Route 66

First opened in 1926, Route 66 was one of the most important corridors leading from east to west across the United States. Route 66 became a part of pop culture and has appeared in several songs, books and television shows; it was also featured in the Pixar movie "Cars." Come learn about this icon of American history while taking part in activities and conversations.

\$99 Chad Sorce 8410-0475 June 22-26, 11:30am-1:30pm Gr. 9-12, Discovery Camp 1

Starting Your Own Business

Are you a budding entrepreneur? Do you dream of owning your own business? Work with the instructor to develop your own business and, in the process, learn skills such as marketing, business planning and team building. Map out a simple business plan including business goals, target audiences and budget development to build creativity and critical-thinking skills. Explore branding and sample marketing materials.

\$99 Instructor: TBA 8410-0405 June 8-12, 9-11am Gr. 9-12, Discovery Camp Plus

LANGUAGES & CULTURES

Classes are organized by grade level as well as by subject area. Courses that are offered for multiple grade levels are listed below, followed by courses only available for specific age groups. Please note that the curriculum increases in complexity for each grade level.

MULTIPLE GRADE LEVELS

African Music & Culture

Discover the rich culture and traditions of this diverse land. Learn about the various people, celebrations and beliefs of the second biggest continent on Earth.

\$154

Instructor: TBA

8410-0056 July 27-Aug 7, 11:30am-1:30pm

Gr. 6-8, Session III

8410-0061 July 27-Aug 7, 2-4pm Gr. 3-5, Session III

American Sign Language

Learn the basics of sign language using games, videos and art projects. Grow a vocabulary of words you can sign, and learn more about the deaf culture.

\$99

Naomi Guzman

8410-0461 June 22-26, 9-11am Gr. 6-12, Discovery Camp 1

Samantha Michels

8410-0468 June 22-26, 11:30am-1:30pm Gr. 3-5, Discovery Camp 1

8410-0477 June 22-26, 2-4pm Gr. K5-2, Discovery Camp 1



French Culture and Cuisine

This class focuses on building basic French grammatical structure as well as vocabulary, including numbers, colors, greetings — and of course, food! Through games, hands-on activities and audiovisual material, you become familiar with the basics of French conversation and culture. We explore the wonders of the Eiffel Tower and the Arc de Triomphe.

\$99 Vittoria Sipone 8410-0415 June 8-12, 2-4pm Gr. 6-12, Discovery Camp Plus

Introduction to French

This is a course in French conversation with an emphasis on listening comprehension and speaking skills. Activities are based on vocabulary topics of general student interest and ability.

\$90

Vittoria Sipone

8410-0106 Aug 3-7, 9-11am Gr. 6-8, Discovery Camp 3

8410-0116 Aug 3-7, 11:30am-1:30pm Gr. 3-5, Discovery Camp 3

8410-0130 Aug 3-7, 2-4pm Gr. 9-12, Discovery Camp 3

Japanese Language and Culture

Japanese is a useful and beautiful language. Dive into it through manga (animation or comic books), while you experience mini-culture through Tanabata (the star festival), Undokai (sport festival), shodo (calligraphy), origami, kimonos and much more. Get the most out of international travel, make new friends, improve your current knowledge of the language and culture, and prepare yourself for the future.

\$99

Mieko Ikeno

8410-0141 Aug 10-14, 9-11am Gr. 9-12, Discovery Camp 4

8410-0150 Aug 10-14, 11:30am-1:30pm Gr. 6-8, Discovery Camp 4

8410-0159 Aug 10-14, 2-4pm Gr. 3-5, Discovery Camp 4

Beginning Spanish

Learn Spanish which is needed to succeed in communicating at different settings: at a restaurant, at the bank, at the doctor, etc. Learn vocabulary, pronunciation and grammar as you have fun role-playing. If you are interested in learning or improving your Spanish, then remember: the best way to learn Spanish is to put it into practice! Curriculum is adjusted for each grade level.

\$99

Angie Mohns-Henegan

8410-0076 July 20-24, 9-11am Gr. 6-8, Discovery Camp 2

8410-0094 July 20-24, 2-4pm Gr. 3-5, Discovery Camp 2

Conversational Spanish

Prerequisite: Successful completion of a formal Spanish 2 class.

Read and discuss brief articles in Spanish from a variety of publications: Spanish language newspapers, magazines and bilingual resources. Watch short video clips and join in on a variety of games and activities to stimulate discussion. A list of resources will be provided for those desiring additional practice.

\$99

Angie Mohns-Henegan 8410-0089 July 20-24, 11:30am-1:30pm Gr. 6-12, Discovery Camp 2

MATH & COMPUTERS

Classes are organized by grade level as well as by subject area. Courses that are offered for multiple grade levels are listed below, followed by courses only available for specific age groups. Please note that the curriculum increases in complexity for each grade level.

MULTIPLE GRADE LEVELS

NEW! Computer Coding, Games and Fun!

Learn how to code while having fun! Through Code.org you learn how to make characters dance, troubleshoot games like Minecraft, Angry Birds and more. You also play games online and create your own games, apps or drawings to share with family and friends! *Please note that by registering for this class you provide permission for your child to access the internet.*

\$164 Peter Couto

8410-0422 June 15-26, 9-11am Gr. 3-5, Session I

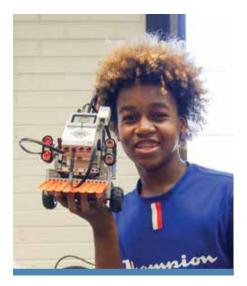
8410-0439 June 15-26, 11:30am-1:30pm Gr. 6-12, Session I Limit 15 students

\$109 Peter Couto

8410-0138 Aug 10-14, 9-11am Gr. 6-8, Discovery Camp 4

8410-0160 Aug 10-14, 2-4pm Gr. 3-5, Discovery Camp 4 Limit 15 students





Developing Video Games

Have you ever wanted to develop your own video game? Use Game Maker and other related game design tools to learn how video games work and how to design one of your own. Amaze your friends and family with your creativity by developing a simple and fun game complete with sound, graphics and animation. Please note that by registering for this class you provide permission for your child to access the internet. Flash drive is required.

\$164 Instructor: TBA 8410-0067 July 27-Aug 7, 2-4pm Gr. 6-12, Session III Limit 15 students

Minecraft EDU

Think Minecraft is just a video game? Think again. You can create, explore and put problem-solving skills to the test with story boarding and level design. Learn logic using machines and the mechanics behind the game. Gain a greater understanding of what makes Minecraft function so you can conquer The Nether, The End and beyond! Please note that students are required to have a Minecraft account purchased for a PC prior to class start date. Come to class prepared with log-in information. By registering for this class, you provide permission for your child to access the internet. Flash drive is required.

\$164 Peter Couto

8410-0008 July 6-10, July 20-24, 9-11am Gr. 6-8, Session II Limit 15 students

8410-0016 July 6-10, July 20-24, 11:30am-1:30pm Gr. 3-5, Session II Limit 15 students

Sim City EDU

In this class you are the mayor of your own cities and learn how to create your own micro societies. Build a city from the ground up and complete challenges that test your ability to deal with budget concerns, traffic, zoning, pollution and maybe even aliens from above. Please note that an Origin Monthly Account is needed for this course. Visit https://www.origin.com/usa/en-us/store to start your account. This account allows you to access Sim City and other "free" games. Please note that by registering for this class you provide permission for your child to access the internet.

\$164 Peter Couto

8410-0041 July 27-Aug 7, 9-11am Gr. 6-8, Session III Limit 15 students

8410-0053 July 27-Aug 7, 11:30am-1:30pm Gr. 3-5, Session III Limit 15 students

DATA Sportistics

Are you fascinated by numbers? Do you like sports? Combine the two, and find out how one links to the other.

\$154 Mark Raymond

8410-0431 June 15-26, 11:30am-1:30pm Gr. 3-5, Session I

8410-0449 June 15-26, 2-4pm Gr. 6-8, Session I

Wacky World of Numbers

How can you estimate the number of seeds in a watermelon, the number of chips in a chocolate chip cookie or the number of seeds in a sunflower? Jump into creative problem-solving, math games and other adventures through the wacky world of numbers.

\$99

Teagan Briscoe 8410-0467 June 22-26, 11:30am-1:30pm Gr. 3-5, Discovery Camp 1

Jordan Lind 8410-0145 Aug 10-14, 11:30am-1:30pm Gr. K5-2, Discovery Camp 4

Web Page Design

Delve even deeper into the Web as you create your own web page or improve the one you already have. Learn to use graphics, as well as a digital camera and scanner, to make your page stand out and tell your own exciting story. This is not a class for beginners. Students should have some computer experience, including use of the internet. Please note that by registering for this class you provide permission for your child to access the internet. Flash drive is required.

\$109

Instructor: TBA

8410-0407 June 8-12, 11:30am-1:30pm Gr. 6-8, Discovery Camp Plus Limit 15 students

8410-0417 June 8-12, 2-4pm Gr. 9-12, Discovery Camp Plus Limit 15 students

GRADES K5-2

Crunchin' Numbers

It's okay to play with your food when you are using it to figure out how numbers work — really! Have fun learning to divide and share. Please let us know if your child is allergic to any foods before the start of class.

\$154 Becca Lind 8410-0048 July 27-Aug 7, 11:30am-1:30pm Gr. K5-2, Session III

Dice'n Up Math

Dice can be a lot of fun, especially when they help you spice up your math skills. Take a chance, roll the dice and calculate some fun in this class.

\$154 Carrie Sullivan 8410-0014 July 6-10, July 20-24, 11:30am-1:30pm Gr. K5-2, Session II

Making Cents of It

What good is a piggy bank full of coins if you don't know what they mean or how to use them? This class helps you learn the value of each coin, how they add up and how to make purchasing decisions.

\$154 Teagan Briscoe 8410-0025 July 6-10, July 20-24, 2-4pm Gr. K5-2, Session II

Math and Memory Games

Test your memory skills as you learn math along the way.

\$99

Enrica Fracchia 8410-0112 Aug 3-7, 11:30am-1:30pm Gr. K5-2, Discovery Camp 3

Math Art

Explore math concepts and build essential skills through creative projects such as making place-value snakes and learning about measurement to create one-meter designs. Have hands-on fun with math and art!

\$99

Enrica Fracchia 8410-0122 Aug 3-7, 2-4pm Gr. K5-2, Discovery Camp 3

Math: As Easy as 1, 2, 3

Mathematical concepts are explored in this class including counting, patterning, place value, shapes and estimating. Challenge your thinking and problem-solving techniques. This is a great class for young minds with a curiosity for numbers.

\$154 Becca Lind 8410-0002 July 6-10, July 20-24, 9-11am Gr. K5-2, Session II

Math Munchkins

Students are introduced to the construction of math sentences with the plus, minus and equal signs. Concepts such as elapsed time, the measurement of length and width, and 3D geometry are explored.

\$99 Emily Wagner 8410-0476 June 22-26, 2-4pm Gr. K5-2, Discovery Camp 1

\$mart Money

Have an allowance? Spend it or save it? What is the difference between money and credit cards? Learn the value of money, how you earn it, why you should save it and how to keep track of it.

\$99 Enrica Fracchia 8410-0133 Aug 10-14, 9-11am Gr. K5-2, Discovery Camp 4

GRADES 3-5

Arithmetic Architectures

Do you enjoy building things? Explore the geometric challenges as you work with geoboards, miras, tangrams, symmetry and pattern blocks. Work with dowels and spaghetti to create your own designs!

\$99

Megan Grauer 8410-0115 Aug 3-7, 11:30am-1:30pm Gr. 3-5, Discovery Camp 3

Algebra + Mazes = Amazing Fun!

Discover how to solve hands-on equations to learn the basics of algebra. Solve equations (3x + 5 = x + 19) using pawns and cubes. Strengthen your math knowledge and practice algebra in the real world.

\$99 Megan Grauer 8410-0126 Aug 3-7, 2-4pm Gr. 3-5, Discovery Camp 3



From Zero to Googolplex

Mathematics is not about adding, subtracting, multiplying or dividing. It's about the science of numbers! If you are as fascinated by numbers as the ancient Greeks, join us for a nonstop adventure of math riddles and cool calculations.

\$154 Liz Hopkins 8410-0420 June 15-26, 9-11am Gr. 3-5, Session I

Math Busters

No challenge is too great for Math Busters. Take math on with a vengeance as you dig in and play games, solve riddles and complete spine-tingling experiments. Use math skills like probability, statistics, story problems and graphing to determine if the math problem is confirmed, plausible or busted.

\$99 Thomas Lane 8410-0458 June 22-26, 9-11am Gr. 3-5, Discovery Camp 1

Math Camp

Problem-solving in mathematics is far more complex than translating a word problem into numbers and symbols and applying an established method. It involves finding a path to a solution when there is no clear place to begin. In this course, you learn general strategies for solving problems that involve a wide range of mathematical concepts. Working individually or in small groups, you learn to ask precise and thought-provoking questions, to match appropriate strategies and to effectively communicate your thought process along the way.

\$99

Joanne Williamson 8410-0075 July 20-24, 9-11am Gr. 3-5, Discovery Camp 2



Math Games

Focus on a new math skill each day, and then play a game to reinforce it. For example, the "Checkbook Game" reviews adding, subtracting and money concepts, and "Fracto" demonstrates fraction concepts. It is skills and problem-solving practice made fun.

\$154 Greg Sukowaty 8410-0445 June 15-26, 2-4pm Gr. 3-5, Session I

Math Contest

Each day you will compete in a different contest to test your math skills. One day it might be a math bee, the next day a round from the Math Olympiad. See how you can be challenged.

\$99 Instructor: TBA 8410-0136 Aug 10-14, 9-11am Gr. 3-5, Discovery Camp 4

Math & Memory Games

Test your memory skills as you learn math along the way.

\$154 Enrica Fracchia 8410-0442 June 15-26, 2-4pm Gr. K5-2, Session I

Money Magic

If nickels were wishes, we'd all be millionaires. Wishing won't make money grow, but you can learn how pennies do grow into dollars. Learn about cash checkbooks and how the financial world really works. Explore banks, savings and loans, credit unions and investment companies.

\$154 Charlene Osheim 8410-0063 July 27-Aug 7, 2-4pm Gr. 3-5, Session III

Vacation Math

Would you like to see Mt. Rushmore, hike the Grand Tetons or visit the San Diego Zoo? Learn what it would take by planning your ultimate road trip across the United States. Calculate costs of gas, food and hotel expenses along the way as you balance your travel budget.

\$99

Teagan Briscoe 8410-0085 July 20-24, 11:30am-1:30pm Gr. 3-5, Discovery Camp 2

GRADES 6-8

DATA Build Your Own Business

From start to finish, you are in charge. Establish your own company. Identify the product your company creates. Determine how much it should sell for, and do your own advertising and marketing. Sell your product at the end of class where your fellow business leaders decide what product they want to buy with "fun money."

\$99

Instructor: TBA 8410-0096 July 20-24, 2-4pm Gr. 6-8, Discovery Camp 2

Cryptology

Explore codes and ciphers through history. Learn how people try to keep things secret — and how others try to find out those secrets. Study secret messages from the beginning of time through modern-day computer security. You should be comfortable with mathematics to really enjoy this class.

\$99

Instructor: TBA 8410-0108 Aug 3-7, 9-11am Gr. 6-8, Discovery Camp 3

Don't Get Punked by Math

Ditch your fear of math and learn to embrace working with numbers. We'll cover basic concepts found in middle school math classes and real-world uses of math including business finance, personal banking, transportation, environment sciences and more. You are assigned tasks and asked to come up with possible solutions to gain confidence and ability.

\$99

Instructor: TBA 8410-0481 June 22-26, 2-4pm Gr. 6-8, Discovery Camp 1

Fit Finances

Should you save, spend or invest? Learn how to make smart decisions about what to do with your allowance.

\$99

Thomas Lane 8410-0472 June 22-26, 11:30am-1:30pm Gr. 6-8, Discovery Camp 1

Games, Cards & More

Yahtzee, Bingo, Poker — how can you improve your chances to win? Learn about the probability of a card turning up the next time you play. Develop your mathematical reasoning, strategy and logic through the study of games.

\$154

Instructor: TBA 8410-0044 July 27-Aug 7, 9-11am Gr. 6-8, Session III

Investing 101

Buy low, sell high! Gain knowledge and experience investing in the stock market, and learn how to begin your financial path.

\$90

Eric Czyzewski 8410-0087 July 20-24, 11:30am-1:30pm Gr. 6-8, Discovery Camp 2

Game Show Math

Discover and compute the odds, probabilities and strategies behind your favorite game shows. We'll talk about "Deal or No Deal," "Wheel of Fortune," "Jeopardy!" "The Price Is Right," "Card Sharks," "Who Wants to Be a Millionaire," and more. Students should be comfortable with fractions, decimals and percents (middle school math in general) to keep up with this class.

\$154

Instructor: TBA

8410-0029 July 6-10, July 20-24, 2-4pm

Gr. 6-8, Session II



Personal Finance

Get a head start on making good lifelong financial decisions. Cover real-life situations when dealing with budgeting, long-term financial goals, loans, monthly expenses, housing options and insurance.

\$99

James Nelsen 8410-0403 June 8-12, 9-11am Gr. 6-8, Discovery Camp Plus

DATA What's the Chance?

In this course, you develop a greater understanding of probability and statistics — two areas of mathematics that easily transfer from the classroom to the real world. Conduct experiments and generate data which you then display in graphs, charts and tables in order to compare the effects of particular variables. You also explore probability and the study of chance to learn how to use numerical data to predict future events.

\$99

Instructor: TBA 8410-0163 Aug 10-14, 2-4pm Gr. 6-8, Discovery Camp 4

GRADES 9-12

DATA Adventures in Statistics

Come take an adventure, and investigate how probability and stats are everywhere. Work on measurement, graphing, computation and data analysis as you gain an appreciation and understanding of statistics.

\$99

Steve Augustine 8410-0416 June 8-12, 2-4pm Gr. 9-12, Discovery Camp Plus

DATA Algebra Camp

Develop an understanding of some basic algebra concepts as you build models and use exercises to practice your algebraic-thinking skills. No previous knowledge of algebra is necessary for this fun and informal course.

\$154 Steve Augustine 8410-0033 July 6-10, July 20-24, 2-4pm Gr. 9-12, Session II

DATA Algebra I

Explore the interpretation of equations of lines and their graphs, systems of linear equations and their solutions, and interesting applications! Also, learn more skills on working with fractional expressions and radicals.

\$99

Steve Augustine 8410-0484 June 22-26, 2-4pm Gr. 9-12, Discovery Camp 1

DATA Algebra II

Learn about quadratic equations and properties of graphs of parabolas, graphs of other basic algebraic functions (polynomial, exponential, logarithmic), fractional/rational equations, equations with radicals in them, and interesting applications of all of the above!

\$99

Steve Augustine 8410-0110 Aug 3-7, 9-11am Gr. 9-12, Discovery Camp 3

Computer Animation

Did you know that you can use Microsoft PowerPoint to create animated games and cartoons? Explore this animation technique and maybe your first job will be with Nintendo or Disney. Please note that by registering for this class you provide permission for your child to access the internet.

\$164

Instructor: TBA 8410-0451 June 15-26, 2-4pm Gr. 9-12, Session I

DATA Discrete Mathematics and Combinatorics

The contemporary high school mathematics curriculum focuses on continuous mathematics. But for the modern computerized digital world, you need to understand how to express practical situations into machine language. To achieve the goal, you should be trained for Discrete Mathematics and Combinatorics. Please note that by registering for this class you provide permission for your child to access the internet. Flash drive is required.

\$99

Steve Augustine 8410-0153 Aug 10-14, 11:30am-1:30pm Gr. 9-12, Discovery Camp 4 Limit 15 students

Pre-Calculus

Pre-calculus is the bridge between intermediate algebra and calculus, and is a great way to get acquainted with ideas about mathematical functions, their graphs and their solutions. Learn about polynomial functions, exponential functions, logarithmic functions, algebraic sequences and series, geometric sequences and series, the domains and ranges of these function types, and the inverses of these functions. Also see the many useful applications of these functions.

\$154

Steve Augustine 8410-0070 July 27-Aug 7, 2-4pm Gr. 9-12, Session III

DATA Python Programming

One of the most powerful computer languages of the current era is also one of the easiest to pick up. Get ahead of the game and learn how to code in Python. Even if you have no background in computer programming, you'll be able to catch on and learn something new! Please note that by registering for this class you provide permission for your child to access the internet. Flash drive is required.

\$164

Instructor: TBA 8410-0035 July 6-10, July 20-24, 2-4pm Gr. 9-12, Session II Limit 15 students

DATA Survey of Calculus

This course introduces you to both the theory and the application of techniques that you would learn in a first-semester calculus course as taught at the university level, or to learn mathematical techniques that would be taught in an AP Calculus course. You gain an understanding of how calculus techniques relate to graphs of mathematical functions.

\$154

Steve Augustine 8410-0440 June 15-26, 11:30am-1:30pm Gr. 9-12, Session I

Trigonometry

Study triangles and the relationships between their angles and the lengths of their sides. Learn about graphs of trigonometric functions. Enrich your math knowledge, and use basic concepts of trigonometry to calculate the height of the tallest tree on campus.

\$99

Steve Augustine 8410-0121 Aug 3-7, 11:30am-1:30pm Gr. 9-12, Discovery Camp 3

SCIENCE

Classes are organized by grade level as well as by subject area. Courses that are offered for multiple grade levels are listed below, followed by courses only available for specific age groups. Please note that the curriculum increases in complexity for each grade level.

MULTIPLE GRADE LEVELS

Engineering Wonders

Have you ever wondered how a bridge or airplane is made? Well, roll up your sleeves, and join us as we put our heads together in engineering teams and build marvels that really work.

\$99

UWM CEAS Faculty/Staff

8410-0154 Aug 10-14, 11:30am-1:30pm Gr. 9-12, Discovery Camp 4

8410-0162 Aug 10-14, 2-4pm Gr. 6-8, Discovery Camp 4

Genetics

Ever wonder why your eyes are blue eyes while your sister's are brown? Would you like to extract DNA from a living organism all by yourself? Learn how the hereditary information in DNA controls what an organism looks like and how it works through fun, educational activities. Explore your own traits and compare them to those of other students and famous people, actively divide cells under the microscope, extract DNA from bananas and learn about evolution by comparing real animal skulls to human skulls.

\$154

Matt Schumus

8410-0058 July 27-Aug 7, 11:30am-1:30pm Gr. 9-12, Session III

8410-0065 July 27-Aug 7, 2-4pm Gr. 6-8, Session III



LEGO® MINDSTORMS® Robotics

Learn how to build and program robots using the famous LEGO MINDSTORMS kits. Gain familiarity with servo motors, touch sensors, sound sensors, ultrasonic sensors and light sensors. Define a mission for your robot, program the robot to accomplish the mission and then test it!

\$154

Malik Cupid

8410-0424 June 15-26, 9-11am Gr. 6-8, Session I

8410-0433 June 15-26, 11:30am-1:30pm Gr. 3-5, Session I

8410-0006 July 6-10, July 20-24, 9-11am Gr. 3-5, Session II

8410-0019 July 6-10, July 20-24, 11:30am-1:30pm Gr. 6-8, Session II

LEGO® MINDSTORMS® Robotics II (Advanced)

As an advanced programmer or experienced FIRST LEGO League competitor, find the challenging and exciting adventure you've been looking for. Use advanced programming, special attachments and sensors, and creative problem-solving to complete missions from this year's FIRST LEGO League competition. *Please note this is not an introductory course, but an extension of LEGO MINDSTORMS Robotics*.

\$154

Malik Cupid

8410-0039 July 27-Aug 7, 9-11am Gr. 3-5, Session III

8410-0055 July 27-Aug 7, 11:30am-1:30pm Gr. 6-8. Session III

Survival 101

Are you a survivor? What does this question mean? In this class you learn about some essential life lessons, games and skills. You gain age-appropriate lessons of skills to help you survive in emergencies and in the outdoors, and learn how to create your own outdoor survival kit.

\$154

Peter Couto 8410-0068 July 27-Aug 7, 2-4pm Gr. 6-12, Session III

Rocketry – Up, Up and Away!

Ever wonder how a rocket works? This is your chance to find out. Discover how rockets function, design a rocket and blast it off. If you are looking for an out-of-this-world time, this class is for you.

\$154

Peter Couto 8410-0447 June 15-26, 2-4 pm Gr. 6-8, Session I

\$99

Peter Couto 8410-0148 Aug 10-14, 11:30am-1:30pm Gr. 3-5, Discovery Camp 4

GRADES K5-2

Animal Habitats

Discuss and observe where and why animals live where they live. Construct a habitat for an animal such as a soda bottle aquarium or a terrarium.

\$99

Emily Wagner 8410-0465 June 22-26, 11:30am-1:30am K5-2, Discovery Camp 1

Experiment Extravaganza

Focus on a new bug every day, and go outside to find them. Track down dragonflies, grasshoppers, butterflies, bees and other exoskeletal creatures to study.

\$154 Becca Lind 8410-0418 June 15-26, 9-11am Gr. K5-2, Session I

Inspect an Insect

Be ready for anything, as we complete different, hands-on science experiments every day!

\$99

Instructor: TBA 8410-0113 Aug 3-7, 11:30am-1:30pm Gr. K5-2, Discovery Camp 3

Kitchen Kids

One cup of flour, one tablespoon of salt; have you ever wondered what these measurements mean? Cooking for one is easy, but how can you use the same recipe to cook for three? How about 10? In this class you learn the math and measurements that chefs use on a daily basis to make the dishes we enjoy. In this nonbake cooking class you learn how to make a great snack on your own without your parents help! Join us in this nonbake cooking class as we experiment with recipes, and enjoy treats made and tested by participants. You also create a recipe book of all the recipes we make in class and more. Please note that food will be consumed in this course and any food allergies that your child has will need to be noted before the start of the class.

\$109 Charlene Oshiem 8410-0092 July 20-24, 2-4pm Gr. K5-2, Discovery Camp 2

Nature's Storytime

Discover wild places in the city to help write your own nature book. Study a different nature theme each day, and use outdoor nature experiences to develop story projects. Work with classmates to create a story by drawing, writing and storytelling about animals found on our walking field trips to Riverside Park, Lake Park and Downer Woods. Please note students will take walks on campus during the two weeks.

\$99 Emily Wagner 8410-0081 July 20-24, 11:30am-1:30pm Gr. K5-2, Discovery Camp 2

NEW! Space Station

Blast off to outer space and learn all about planets, stars and meteors. This class includes many hands-on activities such as learning to draw a rocket ship, creating a spaceship out of LEGOS, making a straw rocket, creating your own constellation and more!

\$154 Becca Lind 8410-0015 July 6-10, July 20-24, 11:30am-1:30pm Gr. K5-2, Session II

STEM Challenge

Put your engineering mind to the test as we work to complete daily challenges to expand our knowledge in the areas of Science, Technology and Math. Can you build a house to protect the Three Little Pigs? How many cups can you stack in the Seuss hat challenge? Come join in, and find out how things work through fun, hands-on projects.

\$99 Jordan Lind 8410-0456 June 22-26, 9-11am Gr. K5-2, Discovery Camp 1

Under the Sea

Learn the ABCs of the ocean through hands-on and minds-on activities. Dive in and explore sea animals like jelly fish, octopuses, whales, sea turtles and so much more! Together we will become experts in the world under the waves!

\$154 Becca Lind 8410-0036 July 27-Aug 7, 9-11am Gr. K5-2, Session III

Underwater Mysteries

Discover the amazing world beneath the sea! Learn how detectives have discovered worldchanging events that happen in water.

\$99 Kelly Mahoney 8410-0123 Aug 3-7, 2-4pm Gr. K5-2, Discovery Camp 3

Young Scientist's Toolbox

Experiment and measure with scientific tools and everyday items. Learn to use magnets, microscopes, magnifying glasses and measuring cups to explore science.

\$99 Jordan Lind 8410-0132 Aug 10-14, 9-11am Gr. K5-2, Discovery Camp 4

GRADES 3-5

Bugs, Beetles and Butterflies

Learn how to net them, trap them and observe them in the wild. Learn to tell friend from foe in the insect world. Lure beautiful butterflies to your garden. Join us on field excursions and lab work.

\$99

Megan Grauer 8410-0074 July 20-24, 9-11am Gr. 3-5, Discovery Camp 2

Crime Solvers

"Who dun it?" Forensic scientists use a variety of techniques to uncover the mystery behind a crime. Help crack the Case as you enter the intriguing world of crime-solving.

\$154 Mark Raymond 8410-0027 July 6-10, July 20-24, 2-4pm Gr. 3-5. Session II

Edible Science

Let's create science projects that we can eat in class, or take home when we are done. Be prepared to make a mess by bringing your own apron.

\$99 Charlene Osheim 8410-0103 Aug 3-7, 9-11am Gr. 3-5, Discovery Camp 3

Full STEAM Ahead Fair – Spring 2020

College for Kids & Teens is offering students the opportunity to attend Science, Technology, Engineering, Arts & Math-focused programming during the school year. Classes are hands-on, project-based learning that give you a taste of the College for Kids & Teens summer program experience.

\$99 8410-12644 Sat, Mar 21, 8:30am-4:30pm Gr. 3-8 UWM Union





NEW! Full STEAM Ahead

Learn about our world with fun hands-on learning experiences in Science, Technology, Engineering, Arts and Math! Engage in daily hands-on activities in STEAM and join us as we travel Full STEAM Ahead into education!

\$154 Mark Raymond 8410-0003 July 6-10, July 20-24, 9-11am Gr. 3-5, Session II

Glow in the Dark Science

Have you ever wondered why a firefly lights up, or how some objects glow in the dark? Discover the science behind luminescence and fluorescence as you make some eye-catching projects.

\$99 Megan Grauer 8410-0157 Aug 10-14, 2-4pm Gr. 3-5, Discovery Camp 4

Kids Chemistry

Learn about the nature of chemicals through simple and exciting laboratory experiments. Study chemical properties, and observe their actions and reactions with special emphasis on application to our everyday world.

\$99 Megan Grauer 8410-0480 June 22-26, 2-4pm Gr. 3-5, Discovery Camp 1

Mythbusters & More

Test some of today's most popular scientific myths, and explore the science behind the reactions and explosions. Help us decide whether it is "truth" or "fiction."

\$154 Megan Grauer 8410-0062 July 27-Aug 7, 2-4pm Gr. 3-5, Session III

NEW! Next to Nature

Science is all around us! Spend time outdoors exploring, observing, playing, examining and learning in nature. We take a hands-on approach to nature by exploring the outdoors and participating in fun art and science activities.

\$99 Liz Smith 8410-0135 Aug 10-14, 9-11am Gr. 3-5, Discovery Camp 4

Reactive Science

It is reloaded and retooled so get ready for Reactive Science. We start with some chemistry right from the kitchen. Then we work with the wonderful world of magnets. Next, we try to crack the code of the egg drop (hopefully without cracking anything else). And then we go to the air with wet and wonderful water rockets. Be prepared to get wet and muddy so dress appropriately.

\$154 Malik Cupid 8410-0443 June 15-26, 2-4pm Gr. 3-5, Session I

GRADES 6-8

Amazon Rainforest Studies

What is it like in the Amazon rainforest? Who lives high up in the forest canopy, and what exactly swims and slithers in the Amazon River far below? Meet a mighty Anaconda. Encounter a catfish that's 300 pounds. Listen to Howler monkeys, touch Piranha fish teeth, see amazing Morpho butterfly wings, and all kinds of other wonderful things. And the most important thing is that you can discover how a very delicate balance of nature keeps all these things going within a tropical rainforest. Oh yeah, and did you know that there's a spider that eats birds? Want to see it? Get into this class!

\$99 Marilyn Kindwall 8410-0483 June 22-26, 2-4pm Gr. 6-8, Discovery Camp 1

NEW! Criminal Investigation

Before criminal investigation became an applied science, criminals could commit crimes and run away without being detected. Scientific methods of C.I. include securing the scene, evidence collection and preservation, and lab work such as DNA analysis and fingerprinting. Practice various interview skills and discover what techniques lead to a successful interrogation. Assess actual setups of crime scenes to smoke out evidence. Experience whether you might enjoy a career in this exciting and expanding field.

\$99 Marilyn Kindwall 8410-0402 June 8-12, 9-11am Gr. 6-8, Discovery Camp Plus

CSI Milwaukee

Have you ever wondered how mysteries get solved? Learn the techniques involved in evidence gathering, fingerprinting and handwriting analysis, and use a microscope to examine hair and fibers. Discover what it takes to be a crime scene investigator, and solve your own mysteries!

\$99 Marilyn Kindwall 8410-0470 June 22-26, 11:30am-1:30pm Gr. 6-8, Discovery Camp 1

Design Squad Engineering

In this class, we use project-based curriculum as the design to present challenges that you solve using a creative approach to engineering solutions. Experience engineering through hands-on creative investigation and building activities using everyday materials found at your local convenience store. Envision, design and test your hypothesis. The knowledge gained and the skills built create a strong foundation and curiosity toward further Science, Technology, Engineering and Mathematics (STEM) learning in high school and beyond.

\$99

Greg Sukowaty 8410-0412 June 8-12, 2-4pm Gr. 6-8, Discovery Camp Plus

DNA & You

DNA is one of the hottest topics in today's world of science, and molecular biology is a driving force behind our understanding of it. Run a DNA fingerprinting scenario, and learn more about this important subject with such astonishing potential.

\$154

Instructor: TBA

8410-0031 July 6-10, July 20-24, 2-4pm

Gr. 6-8, Session II

Fuel Up & Go

Just like gas in a car's tank, food is fuel for your body. The right mix and amount of nutrients are important for proper functioning of our mind and muscles. Learn how nutrition, combined with exercise, can keep you fit, strong, smart and at your very best!

\$99

Instructor: TBA

8410-0117 Aug 3-7, 11:30am-1:30pm

Gr. 6-8, Discovery Camp 3

Leonardo's Machines

Leonardo DaVinci was both an artist and a scientist. Join us as we explore some of the simple machines he invented through hands-on activities and some basic principles of physics. Discover why DaVinci thought of himself first as a scientist and second as an artist.

\$99

Instructor: TBA

8410-0152 Aug 10-14, 11:30am-1:30pm

Gr. 6-8, Discovery Camp 4

The Ever-Changing Planet

Earth science is not so simple. It involves geology, astronomy, meteorology, oceanography and a lot more. Learn how these sciences are all linked in this down-to-earth class.

\$99

Matt Schumus 8410-0077 July 20-24, 9-11am Gr. 6-8, Discovery Camp 2

GRADES 9-12

Body Logic

Take a good look at yourself. How are you structured? How does what you do affect how you feel? Examine the intricacies of the human body. Explore the major systems and their interactions.

\$90

Kelly Mahoney 8410-0485 June 22-26, 2-4pm Gr. 9-12, Discovery Camp 1

NEW! Geographic Information Systems

Geographic Information Systems (GIS) utilizes computer systems for capturing, storing, checking and displaying data related to positions on Earth. In this class you learn about the use of GIS in understanding patterns and relationships within a spatial pattern and compare the locations of different things in order to discover how they relate to each other.

\$99

Matt Schumus 8410-0090 July 20-24, 11:30am-1:30pm Gr. 9-12, Discovery Camp 2



Introduction to Weather Science

Want to be able to predict upcoming weather events? Join this class to gain a deeper understanding on how the Earth's atmosphere is constructed, why we have seasons, and how mid-latitude weather systems develop and are structured.

\$99

Steve Augustine 8410-0411 June 8-12, 11:30am-1:30pm Gr. 9-12, Discovery Camp Plus

Medical Camp

Ready to find out what medical science is really all about? Some possible activities include learning the basics of CPR and first aid (you will not be certified), a focus on biotechnology by exploring some projects such as your blood type, solving crimes using DNA, dissecting real animal specimens, creating bacterial slides to examine under microscopes, using various medical equipment and implements, and so much more! Explore the many career opportunities available in the medical field through hands-on activities, indepth experiments and guest speakers.

\$164

Instructor: TBA

8410-0012 July 6-10, July 20-24, 9-11am

Gr. 9-12, Session II



Discover More Possibilities

UW-Milwaukee School of Continuing Education's flexible learning opportunities are designed to accommodate busy schedules. All courses are taught by expert instructors with real-world experience. Take a look at the ways in which our wide variety of programs can improve, energize and enhance your life and career. Your next step starts here!

Engineering • Business Communication • Early Childhood • Human Services • Osher Lifelong Learning Institute • Foreign Languages



READING SKILLS AND SPEED READING PROGRAMS

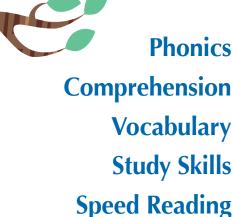








School of Continuing Education





Love of Reading

OFFERED THIS SUMMER IN MILWAUKEE, GLENDALE AND GREENDALE

Program for 4-Year-Olds and Entering Kindergartners

In this fun summer program, your child will learn to read. Children learn letter recognition, beginning phonics, and easy sight words. Your child will learn to read simple words and short sentences and will be excited about books and reading.

Program for Entering 1st Graders

In this fun summer program, your child will learn to read independently. Children learn phonics and sight words, build fluency and comprehension, and develop a love of books and reading. Your child will be excited about reading and get off to a great start in first grade.

Program for Entering 2nd Graders

In this fun summer program, your child will become a fluent, confident reader. Children build solid phonics and word-attack skills and develop reading fluency and strong comprehension. Your child will gain confidence, be excited about books and reading, and get off to a great start in second grade.

Program for Entering 3rd Graders

In this fun summer program, your child will become a strong, fluent reader. Children develop long-word decoding skills, reading fluency, and excellent comprehension. Your child will gain confidence, develop a lifelong love of books and reading, and get off to a great start in third grade.

Program for Entering 4th Graders Program for Entering 5th Graders

In these fun and effective programs, your child will become a skilled, enthusiastic reader. Students develop strong comprehension skills in fiction, non-fiction, and textbooks. They build long-word decoding skills and learn to read more fluently and rapidly. Your child will complete homework more quickly and easily, be more successful in school, and develop a lifelong love of reading.

Program for Entering 6th-8th Graders Program for Entering 9th-11th Graders

In these effective and enjoyable programs, your son or daughter will make substantial gains in comprehension and learn to read twice as fast. Students learn the best way to take notes, study for tests, and read fiction, non-fiction, and textbooks. Your student will complete homework more quickly and easily, get better grades, and enjoy reading more.

Program for Adults, Entering 12th Graders, and College Students

In our speed reading program, you will learn to read twice as fast in materials ranging from novels to non-fiction. The comprehension, concentration, and retention techniques you learn will enable you to get more and retain more from everything you read.

Highly Skilled Teachers Make Learning Fun!

These enrichment programs are offered by the University of Wisconsin-Milwaukee School of Continuing Education, a nonprofit organization. Classes are taught by professional instructors from the Institute of Reading Development.

FOR MORE INFORMATION OR TO REGISTER

Call the Institute of Reading Development at

1-800-964-8888

Mon.-Fri., 7am-9pm; Sat., 7am-6pm; and Sun., 9am-5pm

CFK&T REGISTRATION FORM FOR CLASSES

ONLINE:

uwm.edu/sce/registration

FAX-

414-227-3146 - Direct 800-399-4896 - Toll Free PHONE:

8am-4:30pm (Central) M-F 414-227-3200 – Direct 800-222-3623 – Toll Free /AIL:

Noncredit Registration UW-Milwaukee Drawer No. 491 Milwaukee, WI 53293-0491 **IN PERSON:** (advanced registration only) 161 W. Wisconsin Ave.

Ste. 6000 Milwaukee, WI Plankinton Bldg.

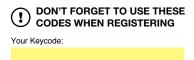
(All classes held on campus unless otherwise noted.)

Please note: Registration opens Jan 21. • All registrations are processed on a first-come, first-served basis. • Registrations will not be processed without payment. • If children are carpooling, please send registrations in together. • Please register children using fall 2020 grade levels.

Parent Information Parent/Guardian Name Mailing Address (For Enrollment Confirmation Information) City State Zip Weekday/Daytime Phone		Check Enclose UWM COL	Method of Payment Check Enclosed. Please Make Checks Payable to: UWM COLLEGE FOR KIDS MC VISA AMEX DISCOVER Credit Card Number Expiration Date		REQUIRED: Address on credit card statement is ☐ Same as address of orderer ☐ Other Address			
		□ MC □ VISA □			City State Zip			
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		Name on Gard						
Email		Parent/Guardiar	Parent/Guardian Signature		☐ African American ☐ Hispanic/Latin			
					an/Pacific Islander			
Student Inform	nation Kindergard	tners must be five	years old by June 8, 2020, and must	have pri	or five-days-a-week school experience.			
	1 st Student		2 nd Student		3 rd Student			
Student Name			 					
Fall 2020 Grade Level:	 							
Course Title/Prog. #:								
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School of Continuing Education 161 W. Wisconsin Ave., Ste. 6000 Milwaukee, WI 53203-2602



Your Message Code:

198410-C1W

COLLEGE FOR KIDS & TEENS

Learn More About the New Data Science Certificate Track!

UWM's College for Kids & Teens is excited to be partnering with the Northwestern Mutual Data Science Institute to offer the Data Science Certificate Track for students starting in summer 2020.

Look inside for more details about this unique opportunity to join the in-demand field of data science!









