



Summer 2019 Youth Programs



Frederick Community College

Register today at
frederick.edu/QuickEnroll
301.846.2661 • kidsoncampus@frederick.edu

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Campus maps are available to locate classrooms on Frederick Community College main campus and at the Monroe Center.

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An alphabetical list of all Summer 2019 classes.



Register now at frederick.edu/QuickEnroll

We're ready for a great summer and we want you to join us! Our weeklong morning and afternoon programs offer adventures in science, technology, culinary and creative arts, music, fitness, and so much more. Register online today!

Note: If you are new to online registration, click "Create Account" to get started. While a separate profile is needed for each child, the same email address can be used for each one. Please contact CEWD Registration at 301.624.2888 or cerequest@frederick.edu with any questions.

Share the summer with your friends!

Invite a friend to join you at FCC this summer and get ready to star in your own show, invent comic book characters, take over the kitchen, design video games, and more. Kids & Teens on Campus features supervised, hands-on activities to encourage students to think independently in a safe environment.

Got questions? We can help.

For questions or more information, please contact the Program Manager, at kidsoncampus@frederick.edu or 301.846.2661

Summer-at-a-Glance | by date

WEEK 1: June 24 – 28

9:00 a.m. - 12:00 p.m.

Princess Power	6-8 yrs	\$119	p. 14
WeDo Robotics & Coding	6-9 yrs	\$139	p. 18
Animal Art Attack!	7-10 yrs	\$129	p. 8
Video Game Design I: Level Design	9-14 yrs	\$139	p. 17
Kids Take Over the Kitchen	10-14 yrs	\$149	p. 11
Polymer Science (aka Slime!)	11-14 yrs	\$129	p. 20

1:00 - 4:00 p.m.

Kids Take Over the Kitchen	6-10 yrs	\$149	p. 11
Did the Butler Do It? - Crime Solving	7-11 yrs	\$119	p. 20
Minecraft: Survival & Civilization	7-11 yrs	\$139	p. 17
LEGO® Mindstorm Robotic Creations	8-12 yrs	\$129	p. 18
Entrepreneurship for Teens & Tweens	9-14 yrs	\$129	p. 12
Video Game Design II	9-14 yrs	\$139	p. 17
Middle School Math	10-12 yrs	\$119	p. 22
Easels On Campus	10-15 yrs	\$129	p. 8
Digital Photography for Kids	11-14 yrs	\$129	p. 9
Safe Sitter Babysitting Training	11-15 yrs	\$139	p. 13

WEEK 2: July 1 – 3 (3 day week)

9:00 a.m. - 12:00 p.m.

Junior Scientists Explore	6-8 yrs	\$69	p. 19
Little Masters	6-8 yrs	\$79	p. 8
May the Force Be With You: LEGOs®	7-11 yrs	\$79	p. 19
Minecraft: Survival & Civilization	7-11 yrs	\$89	p. 17
Coding with Scratch: Art	8-12 yrs	\$89	p. 16
STEM Challenges	8-12 yrs	\$79	p. 21
Preparing for the Unthinkable	8-12 yrs	\$79	p. 13
Kids Take Over the Kitchen: RWB	10-14 yrs	\$89	p. 12

1:00 - 4:00 p.m.

Pinch Pot Palooza	6-8 yrs	\$79	p. 9
Kids Take Over the Kitchen: RWB	6-10 yrs	\$89	p. 12
Creative Drama	7-11 yrs	\$79	p. 10
Ooey, Gooey, Kablouey Science	7-11 yrs	\$79	p. 19
3-D Modeling: Digital Art	8-12 yrs	\$89	p. 17
Coding with Scratch: Sports	8-12 yrs	\$89	p. 16
LEGO® Robot Races	8-12 yrs	\$79	p. 19
Video Game Design I: Level Design	9-14 yrs	\$89	p. 17

Lunch Bunch 12-1 p.m., (p. 24) register today!

WEEK 3: July 8 – 12

9:00 a.m. - 12:00 p.m.

Junior Scientists Explore	6-8 yrs	\$119	p. 19
Hoops for Fitness and Fun	6-9 yrs	\$129	p. 13
Kids Take Over the Kitchen	6-10 yrs	\$149	p. 11
Battle Robots with LEGOs®	8-12 yrs	\$129	p. 19
Graphic Design: Adobe Illustrator	8-12 yrs	\$139	p. 16
Jump WRITE In	8-12 yrs	\$119	p. 15
Creative Clay Creations	9-12 yrs	\$129	p. 9
How to Build a PC	9-14 yrs	\$139	p. 18
Video Game Design II: Blueprinting	9-14 yrs	\$139	p. 17
Audition Prep for Singers	10-16 yrs	\$119	p. 11
Digital Photography for Kids	11-14 yrs	\$129	p. 9
Dissection Science	11-14 yrs	\$139	p. 20
Safe Sitter Babysitting Training	11-15 yrs	\$139	p. 13

10:30 a.m. - 12 p.m.

Fencing Academy	8+	\$109	p. 13
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1 - 2:30 p.m.

Fencing Academy	8+	\$109	p. 13
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1:00 - 4:00 p.m.

STEAM Ahead	6-9 yrs	\$129	p. 21
MINECRAFT: Architecture	7-11 yrs	\$139	p. 17
Water, Water Everywhere	7-11 yrs	\$119	p. 20
3-D Modeling: Digital Art	8-12 yrs	\$139	p. 17
Clay-Mation Movie Magic	8-12 yrs	\$129	p. 9
Coding with Scratch: Art	8-12 yrs	\$139	p. 16
Junior Photographers Club	8-12 yrs	\$129	p. 10
Sketching & Drawing for Beginners	8-12 yrs	\$129	p. 8
Calling All Future Authors	9-12 yrs	\$119	p. 15
Eighth Grade Math	see description	\$119	p. 22
Kids Take Over the Kitchen	10-14 yrs	\$149	p. 11
Survive!	11-14 yrs	\$119	p. 13
The Ukulele	12-15	\$139	p. 11

WEEK 4: July 15 – 19

9:00 a.m. - 12:00 p.m.

WeDo Robotics and Coding	6-9 yrs	\$139	p. 18
Harry Potter and Friends	7-11 yrs	\$119	p. 14
Touch, Type and Create	8-11 yrs	\$119	p. 18
Clay-Mation Movie Magic	8-12 yrs	\$129	p. 9
Coding with Scratch: Sports	8-12 yrs	\$139	p. 16
The Magic of Science	8-12 yrs	\$119	p. 20
Video Game Design I: Level Design	9-14 yrs	\$139	p. 17
Kids Take Over the Kitchen	10-14 yrs	\$149	p. 11



DIY Bedroom Makeover	11 - 14 yrs	\$129	p. 10
LEGO® Mindstorm Robotic Creations	11 - 14 yrs	\$129	p. 18
Study Skills and Test Taking Strategies	11 - 14 yrs	\$119	p. 23
Clayloving Teens	12 - 15 yrs	\$129	p. 9
Fantasy Art	12 - 15 yrs	\$129	p. 8
Polymer Science (aka Slime!)	13 - 16 yrs	\$129	p. 20

1:00 - 4:00 p.m.

Rock'On Dinosaurs! Crystals & Geodes	6 - 9 yrs	\$129	p. 19
Kids Take Over the Kitchen	6 - 10 yrs	\$149	p. 11
Minecraft: Survival & Civilization	7 - 11 yrs	\$139	p. 17
Creating Comics	8 - 11 yrs	\$129	p. 8
3-D Modeling: Digital Art	8 - 12 yrs	\$139	p. 17
CAD	8 - 12 yrs	\$139	p. 16
Photo Maker Lab	8 - 12 yrs	\$129	p. 10
Structural Engineering	8 - 12 yrs	\$129	p. 21
Entrepreneurship for Teens & Tweens	9 - 14 yrs	\$129	p. 12
How to Build a PC	9 - 14 yrs	\$139	p. 18
Just Add Water	11 - 14 yrs	\$129	p. 20
Rube Goldberg Machine	11 - 14 yrs	\$129	p. 21
Safe Sitter Babysitting Training	11 - 15 yrs	\$139	p. 13
Build the Beat: Electronic Music	14 - 17 yrs	\$139	p. 11
Get Ready for Algebra	see description	\$119	p. 22

WEEK 5: July 22 – 26

9:00 a.m - 12:00 p.m.

Rock'On Dinosaurs! Crystals & Geodes	6 - 9 yrs	\$129	p. 19
Awesome Appetizers & Snacks	6 - 10 yrs	\$149	p. 12
MINECRAFT: Architecture	7 - 11 yrs	\$139	p. 17
Reading, Writing, Mythological Creatures	7 - 11 yrs	\$119	p. 15
Battle Robots with LEGOs®	8 - 12 yrs	\$129	p. 19
Empower Yourself: Personal Safety ...	8 - 12 yrs	\$119	p. 13
Graphic Design with Adobe Illustrator	8 - 12 yrs	\$139	p. 16
Spy Academy	8 - 12 yrs	\$119	p. 21
The Magic of Science	8 - 12 yrs	\$119	p. 20
Video Game Design II: Blueprinting	9 - 14 yrs	\$139	p. 17
Study Skills and Test Taking Strategies	11 - 14 yrs	\$119	p. 23
Preparing for Writing Classes	11 - 14 yrs	\$119	p. 15
Fantasy Art	12 - 15 yrs	\$129	p. 8

1:00 - 4:00 p.m.

Junior Scientists Explore	6 - 8 yrs	\$119	p. 19
Space Exploration with LEGOs®	7 - 11 yrs	\$129	p. 19
STEM Zone Sports	8 - 10 yrs	\$129	p. 21
Creating Comics	8 - 11 yrs	\$129	p. 8
CAD	8 - 12 yrs	\$139	p. 16
Design And Sew Like A Professional	8 - 12 yrs	\$119	p. 10

Wizards World: Wand Basics 101	8 - 12 yrs	\$229	p. 16
Spanish Language and Culture	9 - 12 yrs	\$119	p. 14
Middle School Math	10 - 12 yrs	\$119	p. 22
Awesome Appetizers & Snacks	10 - 14 yrs	\$149	p. 12
Advanced Digital Photography	11 - 14 yrs	\$129	p. 10
Art History Comes Alive!	11 - 14 yrs	\$129	p. 8
TeamWorks: Cooperative Games ...	12 - 15 yrs	\$119	p. 13
Create Your Own Demo Tape	14 - 17 yrs	\$139	p. 11

WEEK 6: July 29 – August 2

9:00 a.m - 12:00 p.m.

Dessert Circus	6 - 10 yrs	\$149	p. 12
Ooey, Gooney, Kablouey Science	7 - 11 yrs	\$129	p. 19
The Ukulele	7 - 11 yrs	\$139	p. 11
Chess Nuts	8 - 12 yrs	\$129	p. 14
Coding with Scratch: Art	8 - 12 yrs	\$139	p. 16
LEGO® Mindstorm Robotic Creations	8 - 12 yrs	\$129	p. 18
Batik for Beginners	9 - 12 yrs	\$129	p. 9
Fling Things- Angry Birds Style	9 - 12 yrs	\$129	p. 22
Storytelling Festival	9 - 13 yrs	\$119	p. 15
How to Build a PC	9 - 14 yrs	\$139	p. 18
Video Game Design I: Level Design	9 - 14 yrs	\$139	p. 17
Safe Sitter Babysitting Training	11 - 15 yrs	\$139	p. 13
Advanced Level Minecraft	12 - 15 yrs	\$139	p. 17
Study Skills and Test Taking Strategies	11 - 14 yrs	\$119	p. 23

1:00 - 4:00 p.m.

Princess Power	6 - 8 yrs	\$119	p. 14
Minecraft: Survival & Civilization	7 - 11 yrs	\$139	p. 17
Water, Water Everywhere	7 - 11 yrs	\$119	p. 20
Advanced Battle Robots	8 - 12 yrs	\$129	p. 19
CAD	8 - 12 yrs	\$139	p. 16
Clay-Mation Movie Magic	8 - 12 yrs	\$129	p. 9
Coding with Scratch: Sports	8 - 12 yrs	\$139	p. 16
Duct Tape Art	8 - 12 yrs	\$129	p. 9
STEM Challenges	8 - 12 yrs	\$129	p. 21
Dessert Circus	10 - 14 yrs	\$149	p. 12
Preparing for Writing Classes	11 - 14 yrs	\$119	p. 15
Rocketry	11 - 14 yrs	\$129	p. 22
Speak Up	11 - 14 yrs	\$119	p. 10
Advanced Dissection Science	13 - 16 yrs	\$149	p. 21
Eighth Grade Math	see description	\$119	p. 22

Summer-at-a-Glance by date continued →

Summer-at-a-Glance cont... | by date

WEEK 7: August 5 – 9

9:00 a.m - 12:00 p.m.

WeDo Robotics and Coding	6-9 yrs	\$139	p. 18
Zany Brainy Fun with Math	7-10 yrs	\$119	p. 22
From Trash to Treasures: Recycled Art	7-11 yrs	\$129	p. 9
Harry Potter and Friends	7-11 yrs	\$119	p. 14
Ukulele – Take Two!	7-11 yrs	\$139	p. 11
Touch, Type and Create	8-11 yrs	\$119	p. 18
Empower Yourself	8-12 yrs	\$119	p. 13
Graphic Design with Adobe Illustrator	8-12 yrs	\$139	p. 16
Writing Magic	8-12 yrs	\$119	p. 15
Middle School Math	10-12 yrs	\$119	p. 22
Chemistry for Cool Kids	10-13 yrs	\$129	p. 20
LEGO® Mindstorm Robotic Creations	11-14 yrs	\$129	p. 18
Advanced Level Minecraft	12-15 yrs	\$139	p. 17
Marine Science	13-16 yrs	\$129	p. 20
Teens Take Over the Kitchen	14-17 yrs	\$149	p. 12

1:00 - 4:00 p.m.

Spanish Language and Culture	6-8 yrs	\$119	p. 14
Dessert Circus	6-10 yrs	\$149	p. 12
MINECRAFT: Architecture	7-11 yrs	\$139	p. 17
Design and Sew: American Girl Doll	8-12 yrs	\$119	p. 10
LEGO® Robot Races	8-12 yrs	\$129	p. 19
Sketching and Drawing for Beginners	8-12 yrs	\$129	p. 8
Structural Engineering	8-12 yrs	\$129	p. 21
The Magic of Science	8-12 yrs	\$119	p. 20
Wizards World: Wand Basics 101	8-12 yrs	\$229	p. 16
The ABC'S & 1,2,3's of ASL	9-12 yrs	\$119	p. 14
How to Build a PC	9-14 yrs	\$139	p. 18
Survive!	11-14 yrs	\$119	p. 13
Safe Sitter Babysitting Training	11-15 yrs	\$139	p. 13
3-D Modeling: Digital Art	13-16 yrs	\$139	p. 17

WEEK 8: August 12 – 16

9:00 a.m - 12:00 p.m.

STEAM Ahead	6-9 yrs	\$129	p. 21
Body System Amusement Park	7-11 yrs	\$129	p. 22
Coding with Scratch: Music	8-12 yrs	\$139	p. 16
Design And Sew Like A Professional	8-12 yrs	\$119	p. 10
LEGO® Mindstorm Robotic Creations	8-12 yrs	\$129	p. 18
Spy Academy	8-12 yrs	\$119	p. 21
Beginning Watercolor	9-12 yrs	\$129	p. 8
How to Build a PC	9-14 yrs	\$139	p. 18
Chemistry for Cool Kids	10-13 yrs	\$129	p. 20
Preparing for Writing Classes	11-14 yrs	\$119	p. 15
Video Game Design III: Workshop	11-15 yrs	\$139	p. 18
Chess Nuts	12-15 yrs	\$129	p. 14

1:00 - 4:00 p.m.

WeDo Robotics and Coding	6-9 yrs	\$139	p. 18
STEM with a Chance of Meatballs	6-9 yrs	\$119	p. 14
Did the Butler Do It? - Crime Solving	7-11 yrs	\$119	p. 20
MINECRAFT: Architecture	7-11 yrs	\$139	p. 17
Design and Sew: American Girl Doll	8-12 yrs	\$119	p. 10
Calling All Future Authors	9-12 yrs	\$119	p. 15
Musical Whimsy	9-12 yrs	\$139	p. 11
Video Game Design II: Blueprinting	9-14 yrs	\$139	p. 17
Advanced Harry Potter	11+ yrs	\$119	p. 14
Study Skills and Test Taking Strategies	11-14 yrs	\$119	p. 23
Get Ready for Algebra	see description	\$119	p. 22

Lunch Bunch 12-1 p.m., (p.24) register today!

Summer-at-a-Glance | by age

6 – 10 years

Princess Power	6/24 - 6/28	9 a.m. - 12 p.m.	p. 14
WeDo Robotics and Coding	6/24 - 6/28	9 a.m. - 12 p.m.	p. 18
Kids Take Over the Kitchen	6/24 - 6/28	1 p.m. - 4 p.m.	p. 11
Little Masters	7/1 - 7/3	9 a.m. - 12 p.m.	p. 8
Junior Scientists	7/1 - 7/3	9 a.m. - 12 p.m.	p. 19
Pinch Pot Palooza	7/1 - 7/3	1 p.m. - 4 p.m.	p. 9
Kids Take Over Kitchen: RWB	7/1 - 7/3	1 p.m. - 4 p.m.	p. 12
Junior Scientists	7/8 - 7/12	9 a.m. - 12 p.m.	p. 19
Hoops for Fitness and Fun	7/8 - 7/12	9 a.m. - 12 p.m.	p. 13
Kids Take Over the Kitchen	7/8 - 7/12	9 a.m. - 12 p.m.	p. 11
WeDo Robotics and Coding	7/15 - 7/19	9 a.m. - 12 p.m.	p. 18
Rock'On Dinosaurs	7/15 - 7/19	1 p.m. - 4 p.m.	p. 19
Kids Take Over the Kitchen	7/15 - 7/19	1 p.m. - 4 p.m.	p. 11
Rock'On Dinosaurs	7/22 - 7/26	1 p.m. - 4 p.m.	p. 19
Awesome Appetizers & Snacks	7/22 - 7/26	9 a.m. - 12 p.m.	p. 12
Junior Scientists	7/22 - 7/26	1 p.m. - p.m.	p. 19
Dessert Circus	7/29 - 8/2	9 a.m. - 12 p.m.	p. 12
Princess Power	7/29 - 8/2	1 p.m. - 4 p.m.	p. 14
WeDo Robotics and Coding	8/5 - 8/9	9 a.m. - 12 p.m.	p. 18
Spanish Language and Culture	8/5 - 8/9	1 p.m. - 4 p.m.	p. 14
Dessert Circus	8/5 - 8/9	1 p.m. - 4 p.m.	p. 12
STEAM Ahead	8/12 - 8/16	9 a.m. - 12 p.m.	p. 21
STEM with a Chance of Meatballs	8/12 - 8/16	1 p.m. - 4 p.m.	p. 14
WeDo Robotics and Coding	8/12 - 8/16	1 p.m. - 4 p.m.	p. 18

7 – 11 years

Animal Art Attack!	6/24 - 6/28	9 a.m. - 12 p.m.	p. 8
Minecraft: Survival & Civilization	6/24 - 6/28	1 p.m. - 4 p.m.	p. 17
Did the Butler Do It?	6/24 - 6/28	1 p.m. - 4 p.m.	p. 20
May the Force Be With You	7/1 - 7/3	9 a.m. - 12 p.m.	p. 19
Minecraft: Survival & Civilization	7/1 - 7/3	9 a.m. - 12 p.m.	p. 17
Creative Drama	7/1 - 7/3	1 p.m. - 4 p.m.	p. 10
Ooey, Gooley, Kablouey Science	7/1 - 7/3	1 p.m. - 4 p.m.	p. 19
Minecraft Architecture	7/8 - 7/12	1 p.m. - 4 p.m.	p. 17
Water, Water Everywhere	7/8 - 7/12	1 p.m. - 4 p.m.	p. 20
Harry Potter and Friends	7/15 - 7/19	9 a.m. - 12 p.m.	p. 14
Minecraft: Survival & Civilization	7/15 - 7/19	1 p.m. - 4 p.m.	p. 17
Minecraft Architecture	7/22 - 7/26	9 a.m. - 12 p.m.	p. 17
Reading, Writing, and ...	7/22 - 7/26	9 a.m. - 12 p.m.	p. 15
Space Exploration with LEGO®	7/22 - 7/26	1 p.m. - 4 p.m.	p. 19
The Ukulele	7/29 - 8/2	9 a.m. - 12 p.m.	p. 11
Ooey, Gooley, Kablouey Science	7/29 - 8/2	9 a.m. - 12 p.m.	p. 19
Minecraft: Survival & Civilization	7/29 - 8/2	1 p.m. - 4 p.m.	p. 17

Water, Water Everywhere	7/29 - 8/2	1 p.m. - 4 p.m.	p. 20
Zany Brainy Fun with Math	8/5 - 8/9	9 a.m. - 12 p.m.	p. 22
From Trash to Treasures	8/5 - 8/9	9 a.m. - 12 p.m.	p. 9
Harry Potter and Friends	8/5 - 8/9	9 a.m. - 12 p.m.	p. 14
Ukulele – Take Two!	8/5 - 8/9	9 a.m. - 12 p.m.	p. 11
Minecraft Architecture	8/5 - 8/9	1 p.m. - 4 p.m.	p. 17
Body System Amusement Park	8/12 - 8/16	9 a.m. - 12 p.m.	p. 22
Minecraft Architecture	8/12 - 8/16	1 p.m. - 4 p.m.	p. 17
Did the Butler Do It?	8/12 - 8/16	1 p.m. - 4 p.m.	p. 20

8 – 12 years

LEGO® Mindstorm Robotics	6/24 - 6/28	1 p.m. - 4 p.m.	p. 18
Preparing for the Unthinkable	7/1 - 7/3	9 a.m. - 12 p.m.	p. 13
Coding with Scratch: Music	7/1 - 7/3	9 a.m. - 12 p.m.	p. 16
STEM Challenges	7/1 - 7/3	9 a.m. - 12 p.m.	p. 21
3-D Modeling	7/1 - 7/3	1 p.m. - 4 p.m.	p. 17
Coding with Scratch: Sports	7/1 - 7/3	1 p.m. - 4 p.m.	p. 16
LEGO® Robot Races	7/1 - 7/3	1 p.m. - 4 p.m.	p. 19
Battle Robots with LEGO®	7/8 - 7/12	9 a.m. - 12 p.m.	p. 19
Graphic Design with Illustrator	7/8 - 7/12	9 a.m. - 12 p.m.	p. 16
Jump WRITE In	7/8 - 7/12	9 a.m. - 12 p.m.	p. 15
Fencing Academy	7/8 - 7/12	10:30 a.m. - 12 p.m.	p. 13
3-D Modeling: Digital Art	7/8 - 7/12	1 p.m. - 4 p.m.	p. 17
Clay-Mation Movie Magic	7/8 - 7/12	1 p.m. - 4 p.m.	p. 9
Coding with Scratch: Art	7/8 - 7/12	1 p.m. - 4 p.m.	p. 16
Junior Photographers Club	7/8 - 7/12	1 p.m. - 4 p.m.	p. 10
Sketching & Drawing: Beginners	7/8 - 7/12	1 p.m. - 4 p.m.	p. 8
Fencing Academy	7/8 - 7/12	1 p.m. - 2:30 p.m.	p. 13
Touch, Type and Create	7/15 - 7/19	9 a.m. - 12 p.m.	p. 18
Clay-Mation Movie Magic	7/15 - 7/19	9 a.m. - 12 p.m.	p. 9
Coding with Scratch: Sports	7/15 - 7/19	9 a.m. - 12 p.m.	p. 16
The Magic of Science	7/15 - 7/19	9 a.m. - 12 p.m.	p. 20
Creating Comics	7/15 - 7/19	1 p.m. - 4 p.m.	p. 8
3-D Modeling: Digital Art	7/15 - 7/19	1 p.m. - 4 p.m.	p. 17
CAD Computer Aided Design	7/15 - 7/19	1 p.m. - 4 p.m.	p. 16
Photo Maker Lab	7/15 - 7/19	1 p.m. - 4 p.m.	p. 10
Structural Engineering	7/15 - 7/19	1 p.m. - 4 p.m.	p. 21
Battle Robots with LEGO®	7/22 - 7/26	9 a.m. - 12 p.m.	p. 19
Empower Yourself	7/22 - 7/26	9 a.m. - 12 p.m.	p. 13
Graphic Design with Illustrator	7/22 - 7/26	9 a.m. - 12 p.m.	p. 16
Spy Academy	7/22 - 7/26	9 a.m. - 12 p.m.	p. 21
The Magic of Science	7/22 - 7/26	9 a.m. - 12 p.m.	p. 20

Summer-at-a-Glance by age continued →

Summer-at-a-Glance cont... | by age

8 – 12 years (continued)

STEM Zone Sports	7/22 - 7/26	1 p.m. - 4 p.m.	p. 21
Creating Comics	7/22 - 7/26	1 p.m. - 4 p.m.	p. 8
CAD Computer Aided Design	7/22 - 7/26	1 p.m. - 4 p.m.	p. 16
Design & Sew Like a Professional	7/22 - 7/26	1 p.m. - 4 p.m.	p. 10
Wizards World: Wand Basics 101	7/22 - 7/26	1 p.m. - 4 p.m.	p. 16
Chess Nuts	7/29 - 8/2	9 a.m. - 12 p.m.	p. 14
Coding with Scratch: Art	7/29 - 8/2	9 a.m. - 12 p.m.	p. 16
LEGO® Mindstorm Robotics	7/29 - 8/2	9 a.m. - 12 p.m.	p. 18
Advanced Battle Robots	7/29 - 8/2	1 p.m. - 4 p.m.	p. 19
CAD Computer Aided Design	7/29 - 8/2	1 p.m. - 4 p.m.	p. 16
Clay-Mation Movie Magic	7/29 - 8/2	1 p.m. - 4 p.m.	p. 9
Coding with Scratch: Sports	7/29 - 8/2	1 p.m. - 4 p.m.	p. 16
Duct Tape Art	7/29 - 8/2	1 p.m. - 4 p.m.	p. 9
STEM Challenges	7/29 - 8/2	1 p.m. - 4 p.m.	p. 21
Touch, Type and Create	8/5 - 8/9	9 a.m. - 12 p.m.	p. 18
Empower Yourself	8/5 - 8/9	9 a.m. - 12 p.m.	p. 13
Graphic Design with Illustrator	8/5 - 8/9	9 a.m. - 12 p.m.	p. 16
Writing Magic	8/5 - 8/9	9 a.m. - 12 p.m.	p. 15
Design and Sew: American Girl	8/5 - 8/9	1 p.m. - 4 p.m.	p. 10
LEGO® Robot Races	8/5 - 8/9	1 p.m. - 4 p.m.	p. 19
Sketching and Drawing: Beginners	8/5 - 8/9	1 p.m. - 4 p.m.	p. 8
Structural Engineering	8/5 - 8/9	1 p.m. - 4 p.m.	p. 21
The Magic of Science	8/5 - 8/9	1 p.m. - 4 p.m.	p. 20
Wizards World: Wand Basics 101	8/5 - 8/9	1 p.m. - 4 p.m.	p. 16
Coding with Scratch: Music	8/12 - 8/16	9 a.m. - 12 p.m.	p. 16
Design & Sew Like a Professional	8/12 - 8/16	9 a.m. - 12 p.m.	p. 10
LEGO® Mindstorm Robotics	8/12 - 8/16	9 a.m. - 12 p.m.	p. 18
Spy Academy	8/12 - 8/16	9 a.m. - 12 p.m.	p. 21
Design & Sew: American Girl	8/12 - 8/16	1 p.m. - 4 p.m.	p. 10

IMPORTANT NOTE:

Age ranges vary within each category.
Please see class descriptions or visit
frederick.edu/YouthAges for details.

9 – 14 years

Video Game Design I: Level Design	6/24 - 6/28	9 a.m. - 12 p.m.	p. 17
Entrepreneurship for Teens	6/24 - 6/28	1 p.m. - 4 p.m.	p. 12
Video Game Design II: Blueprinting	6/24 - 6/28	1 p.m. - 4 p.m.	p. 17
Video Game Design I: Level Design	7/1 - 7/3	1 p.m. - 4 p.m.	p. 17
Creative Clay Creations	7/8 - 7/12	9 a.m. - 12 p.m.	p. 9
How to Build a PC	7/8 - 7/12	9 a.m. - 12 p.m.	p. 18
Video Game Design II: Blueprinting	7/8 - 7/12	9 a.m. - 12 p.m.	p. 17
Calling All Future Authors	7/8 - 7/12	1 p.m. - 4 p.m.	p. 15
Video Game Design I: Level Design	7/15 - 7/19	9 a.m. - 12 p.m.	p. 17
Entrepreneurship for Teens	7/15 - 7/19	1 p.m. - 4 p.m.	p. 12
How to Build a PC	7/15 - 7/19	1 p.m. - 4 p.m.	p. 18
Video Game Design II: Blueprinting	7/22 - 7/26	9 a.m. - 12 p.m.	p. 17
Spanish Language and Culture	7/22 - 7/26	1 p.m. - 4 p.m.	p. 14
Batik for Beginners	7/29 - 8/2	9 a.m. - 12 p.m.	p. 9
Fling Things: Angry Birds Style	7/29 - 8/2	9 a.m. - 12 p.m.	p. 22
Storytelling Festival	7/29 - 8/2	9 a.m. - 12 p.m.	p. 15
How to Build a PC	7/29 - 8/2	9 a.m. - 12 p.m.	p. 18
Video Game Design I: Level Design	7/29 - 8/2	9 a.m. - 12 p.m.	p. 17
American Sign Language	8/5 - 8/9	1 p.m. - 4 p.m.	p. 14
How to Build a PC	8/5 - 8/9	1 p.m. - 4 p.m.	p. 18
Beginning Watercolor	8/12 - 8/16	9 a.m. - 12 p.m.	p. 8
How to Build a PC	8/12 - 8/16	9 a.m. - 12 p.m.	p. 18
Calling All Future Authors	8/12 - 8/16	1 p.m. - 4 p.m.	p. 15
Musical Whimsy	8/12 - 8/16	1 p.m. - 4 p.m.	p. 11
Video Game Design II: Blueprinting	8/12 - 8/16	1 p.m. - 4 p.m.	p. 17

10 – 16 years

Kids Take Over the Kitchen	6/24 - 6/28	9 a.m. - 12 p.m.	p. 11
Middle School Math	6/24 - 6/28	1 p.m. - 4 p.m.	p. 22
Easels On Campus	6/24 - 6/28	1 p.m. - 4 p.m.	p. 8
Kids Take Over Kitchen: RWB	7/1 - 7/3	9 a.m. - 12 p.m.	p. 12
Audition Prep for Singers	7/8 - 7/12	9 a.m. - 12 p.m.	p. 11
Kids Take Over the Kitchen	7/8 - 7/12	1 p.m. - 4 p.m.	p. 11
Kids Take Over the Kitchen	7/15 - 7/19	9 a.m. - 12 p.m.	p. 11
Middle School Math	7/22 - 7/26	1 p.m. - 4 p.m.	p. 22
Awesome Appetizers & Snacks	7/22 - 7/26	1 p.m. - 4 p.m.	p. 12
Dessert Circus	7/29 - 8/2	1 p.m. - 4 p.m.	p. 12
Middle School Math	8/5 - 8/9	9 a.m. - 12 p.m.	p. 22
Chemistry for Cool Kids	8/5 - 8/9	9 a.m. - 12 p.m.	p. 20
Chemistry for Cool Kids	8/12 - 8/16	9 a.m. - 12 p.m.	p. 20

11 – 15 years

Polymer Science (aka Slime!)	6/24 - 6/28	9 a.m. - 12 p.m.	p. 20
Digital Photography for Kids	6/24 - 6/28	1 p.m. - 4 p.m.	p. 9
Safe Sitter Babysitting Training	6/24 - 6/28	1 p.m. - 4 p.m.	p. 13
Digital Photography for Kids	7/8 - 7/12	9 a.m. - 12 p.m.	p. 9
Dissection Science	7/8 - 7/12	9 a.m. - 12 p.m.	p. 20
Safe Sitter Babysitting Training	7/8 - 7/12	9 a.m. - 12 p.m.	p. 13
Survive!	7/8 - 7/12	1 p.m. - 4 p.m.	p. 13
DIY Bedroom Makeover	7/15 - 7/19	9 a.m. - 12 p.m.	p. 10
LEGO® Mindstorm Robotics	7/15 - 7/19	9 a.m. - 12 p.m.	p. 18
Study Skills and Test Strategies	7/15 - 7/19	9 a.m. - 12 p.m.	p. 23
Just Add Water	7/15 - 7/19	1 p.m. - 4 p.m.	p. 20
Rube Goldberg Machine	7/15 - 7/19	1 p.m. - 4 p.m.	p. 21
Safe Sitter Babysitting Training	7/15 - 7/19	1 p.m. - 4 p.m.	p. 13
Study Skills and Test Strategies	7/22 - 7/26	9 a.m. - 12 p.m.	p. 23
Advanced Digital Photography	7/22 - 7/26	1 p.m. - 4 p.m.	p. 10
Art History Comes Alive!	7/22 - 7/26	1 p.m. - 4 p.m.	p. 8
Study Skills and Test Strategies	7/29 - 8/2	9 a.m. - 12 p.m.	p. 23
Safe Sitter Babysitting Training	7/29 - 8/2	9 a.m. - 12 p.m.	p. 13
Rocketry	7/29 - 8/2	1 p.m. - 4 p.m.	p. 22
Speak Up	7/29 - 8/2	1 p.m. - 4 p.m.	p. 10
LEGO® Mindstorm Robotics	8/5 - 8/9	9 a.m. - 12 p.m.	p. 18
Survive!	8/5 - 8/9	1 p.m. - 4 p.m.	p. 13
Safe Sitter Babysitting Training	8/5 - 8/9	1 p.m. - 4 p.m.	p. 13
Video Game Design III: Workshop	8/12 - 8/16	9 a.m. - 12 p.m.	p. 18
Advanced Harry Potter	8/12 - 8/16	1 p.m. - 4 p.m.	p. 14
Study Skills and Test Strategies	8/12 - 8/16	1 p.m. - 4 p.m.	p. 23

12 – 15 years

The Ukulele	7/8 - 7/12	1 p.m. - 4 p.m.	p. 11
Clayloving Teens	7/15 - 7/19	9 a.m. - 12 p.m.	p. 9
Fantasy Art	7/15 - 7/19	9 a.m. - 12 p.m.	p. 8
Fantasy Art	7/22 - 7/26	9 a.m. - 12 p.m.	p. 8
TeamWorks: Team Building Fun	7/22 - 7/26	1 p.m. - 4 p.m.	p. 13
Advanced Level Minecraft	7/29 - 8/2	9 a.m. - 12 p.m.	p. 17
Advanced Level Minecraft	8/5 - 8/9	9 a.m. - 12 p.m.	p. 17
Chess Nuts	8/12 - 8/16	9 a.m. - 12 p.m.	p. 14

13 – 17 years

Polymer Science (aka Slime!)	7/15 - 7/19	9 a.m. - 12 p.m.	p. 20
Build the Beat: Electronic Music	7/15 - 7/19	1 p.m. - 4 p.m.	p. 11
Create Your Own Demo Tape	7/22 - 7/26	1 p.m. - 4 p.m.	p. 11
Advanced Dissection Science	7/29 - 8/2	1 p.m. - 4 p.m.	p. 21
Marine Science	8/5 - 8/9	9 a.m. - 12 p.m.	p. 20
Teens Take Over the Kitchen	8/5 - 8/9	9 a.m. - 12 p.m.	p. 12
3-D Modeling: Digital Ar	8/5 - 8/9	1 p.m. - 4 p.m.	p. 17

Math Courses (see descriptions)

Eighth Grade Math, We're Coming for You!	7/8 - 7/12	1 p.m. - 4 p.m.	p. 22
Get Ready for Algebra	7/15 - 7/19	1 p.m. - 4 p.m.	p. 22
Preparing for Writing Classes: Middle School	7/22 - 7/26	9 a.m. - 12 p.m.	p. 15
Eighth Grade Math, We're Coming for You!	7/29 - 8/2	1 p.m. - 4 p.m.	p. 22
Preparing for Writing Classes: Middle School	7/29 - 8/2	1 p.m. - 4 p.m.	p. 15
Get Ready for Algebra	8/12 - 8/16	1 p.m. - 4 p.m.	p. 22
Preparing for Writing Classes: Middle School	8/12 - 8/16	9 a.m. - 12 p.m.	p. 15

Lunch Bunch 12-1 p.m., (p. 24) register today!

Arts, Music & Culinary Delights

NEW! Little Masters

Bring the past to life as you explore the world of great artists and artwork with hands-on activities that include painting, sculpture, drawing, and loads of fun! Create a piece of art in the style of the "Masters," such as Vincent van Gogh, Pablo Picasso, and Henri Matisse, just to name a few. Perhaps the next great "Master" will be discovered in this class.

AGES 6 - 8

KOC599 | 9 hours | \$79.00

17742	M-W	7/1-7/3	9 a.m. - 12 p.m.	F118	Prahl
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Animal Art Attack!

Celebrate the entire animal kingdom through art. Create a woodland animal collage, sea creatures in paper mache, and sculpt dogs and cats out of clay. Explore using mixed media with drawings of horses, feathered owl friends, and decorated bird houses. This class is all about making art that focuses on the amazing creatures who share our planet with us.

AGES 7 - 10

KOC753 | 15 hours | \$129.00

17647	M-F	6/24-6/28	9 a.m. - 12 p.m.	F118	McDermott
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Creating Comics

Do you dream about monsters and aliens? Does your imagination work overtime creating dialogue for your characters and setting up action scenes? Can you picture yourself as a cartoonist? Learn to develop your characters, giving them personality and life. Have fun creating superheroes, monsters, aliens, or just regular kooky characters. Learn techniques in basic perspective, anatomy, facial expressions, panel composition, lettering, penciling, and inking. Understand how to lay out panels and get your ideas to flow. By the end of the week, you'll design, write, and draw your characters into one of many comic formats.

AGES 8 - 11

KOC391 | 15 hours | \$129.00

17677	M-F	7/15-7/19	1 p.m. - 4 p.m.	E126AB	Tholen
17678	M-F	7/22-7/26	1 p.m. - 4 p.m.	E123	Tholen

Fantasy Art

Using illustration, comic book drawings, and 2-D art, build and design an environment, create a character with the intent to tell a story, and bring it to life. Perspective, scale, composition, design, and color will be studied in depth as you create a character or creature, and develop a frame of reference for it.

AGES 12 - 15

TOC173 | 15 hours | \$129.00

17704	M-F	7/15-7/19	9 a.m. - 12 p.m.	E123	Tholen
17705	M-F	7/22-7/26	9 a.m. - 12 p.m.	E123	Tholen

Sketching and Drawing for Beginners

Using pencils, charcoal, and sketch pads, we will begin by using simple line techniques in order to create a realistic pencil drawing. We will gain inspiration by learning about famous sketch artists from past to present. Each student should bring a sketch book to class.

AGES 8 - 12

KOC366 | 15 hours | \$129.00

17780	M-F	7/8-7/12	1 p.m. - 4 p.m.	F118	Shaw
17781	M-F	8/5-8/9	1 p.m. - 4 p.m.	F118	McDermott

Beginning Watercolor

Unlock the mystery of watercolor techniques like drawing, brushstrokes, using the correct brushes, and distinctive paper. Discover the power of the color wheel, and explore how to mix paint to create your own colors as you create graceful and colorful scenes from nature. This class introduces the basics of watercolor painting while encouraging students to explore and create.

AGES 9 - 12

KOC365 | 15 hours | \$129.00

17655	M-F	8/12-8/16	9 a.m. - 12 p.m.	F118	McDermott
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Easels On Campus

Discover landscape art! This is your chance to enjoy art in the outdoors. Learn techniques for creating a landscape through different mediums. You will be introduced to landscapes with a photo reference study. Later, we will set up easels near gardens and trees around campus for some real life experience. Through the use of graphite, charcoal, and soft pastels, you will learn how to compose a landscape, as well as various techniques to apply each medium.

AGES 10 - 15

KOC556 | 15 hours | \$129.00

17697	M-F	6/24-6/28	1 p.m. - 4 p.m.	F118	Clay
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Art History Comes Alive!

This class is sure to inspire! We will learn about famous artists throughout history. Each day students will learn about a specific artist or art movement, and then create a work of art inspired by the art of the day. Students will work with a variety of media in drawing and painting, and will even create a mixed media project on the last day. Art history exposes students to the possibilities of different media, and it helps to develop a foundation of art language. Come explore art history and the fine arts with us this summer!

AGES 11 - 14

TOC172 | 15 hours | \$129.00

17648	M-F	7/22-7/26	1 p.m. - 4 p.m.	F118	Prahl
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From Trash to Treasures: Recycled Art

As Grandma always says, "Don't throw that away!" Explore different ways to repurpose everyday items for fun and functional use. There will be a small "junkyard" for each student to forage through, as well as plenty of mixed media materials to embellish your new and improved creations. Bring your own recyclable treasures if you'd like, and create amazing collages, jewelry, masks, sculptures, and more. This class allows you to experiment, have fun, and save the planet in one fun-filled and sensational week!

AGES 7 - 11

KOC173 | 15 hours | \$129.00

17709 M-F 8/5-8/9 9 a.m. - 12 p.m. F118 Clay

Duct Tape Art

Uses for Duct Tape: fix a window ... fix a broken pipe ... sculpt a giant monster insect, create a dragon and a Samurai sword ... Surprised by the last three? That's not all! See how amazing and versatile a simple roll of duct tape can be! In this class we can sculpt anything from a practical wallet, to a bouquet of flowers, to a top hat, all with colorful duct tape. Each day will focus on a different project, beginning with simple construction, and progressing to more complex forms later in the week. Study the basics of sculpting - internal structure, proportion, and spatial connections, which can easily be translated into other sculpting mediums. And of course, you'll be using loads of imagination and creativity!

AGES 8 - 12

KOC555 | 15 hours | \$129.00

17695 M-F 7/29-8/2 1 p.m. - 4 p.m. F118 Clay

Batik for Beginners

Who could "resist" this class? Batik, both an art and a craft, is a wonderfully creative medium. You'll create designs on fabric, and then add melted wax to prevent dye from penetrating the fabric, leaving "blank" areas in the dyed fabric. The process, wax resist then dye, can be repeated over and over to create complex multicolored designs. Make a scarf, pillow, canvas art, or even an article of clothing.

AGES 9 - 12

KOC712 | 15 hours | \$129.00

17652 M-F 7/29-8/2 9 a.m. - 12 p.m. F118 Shaw

Clay-Mation Movie Magic

Claymation has been used in films and television shows for years, and this is your chance to create a bit of that same cinematic magic of your own! Students will write their own short stories, capture them through clay modeling and photography, and finally create their own digital claymation film to share with friends and family! Lights, Camera, CLAYMATION!

AGES 8 - 12

KOC543 | 15 hours | \$129.00

17667	M-F	7/8-7/12	1 p.m. - 4 p.m.	F109	Twait
17668	M-F	7/15-7/19	9 a.m. - 12 p.m.	F109	Blocher
17669	M-F	7/29-8/2	1 p.m. - 4 p.m.	F109	Twait

NEW! Pinch Pot Palooza

Create pots, creatures, or colorful cupcakes, the possibilities are endless using the pinch pot and coil methods of hand building. Students will be given a new challenge each day as they let their imaginations soar!

Note: Items will be fired and ready for pick-up approximately four weeks after the end of the class, based on the college ceramic studio kiln availability.

AGES 6 - 8

KOC617 | 9 hours | \$79.00

17759 M-W 7/1-7/3 1 p.m. - 4 p.m. F118 Goad

NEW! Creative Clay Creations

Express yourself through clay as you create sculptures and functional pieces using centuries old slab, coil, and pinch pot methods. Combining your problem solving skills and imagination with tools and the materials provided, create one-of-a-kind pieces of art. Students will be encouraged to work at their own pace in this popular class.

Note: Items will be fired and ready for pick-up approximately four weeks after the end of the class, based on the college ceramic studio kiln availability.

AGES 9 - 12

KOC618 | 15 hours | \$129.00

17679 M-F 7/8-7/12 9 a.m. - 12 p.m. F118 Goad

NEW! Clayloving Teens

With the focus on hand building, learn the ancient techniques of slab, coil, and pinch pot methods to create one-of-a-kind functional and decorative clay pieces. Combining your imagination with the tools and materials provided, you'll build three-dimensional projects like bowls, vases, sculpture creatures, and Ugly Face pots. Students will be encouraged to work at their own pace.

Note: Items will be fired and ready for pick-up approximately four weeks after the end of the class, based on the college ceramic studio kiln availability.

AGES 12 - 15

TOC102 | 15 hours | \$129.00

17666 M-F 7/15-7/19 9 a.m. - 12 p.m. F118 Goad

Digital Photography for Kids

Are you interested in how digital photography works? In this class, learn how to compose better pictures, download photographs, and edit them. You will take pictures around campus to fulfill specific photography assignments, then you'll edit those images on the computer, and create a decorative way to display your art work.

Note: Students must bring their own digital camera with empty memory cards, card reader, and batteries to all classes.

AGES 11 - 14

TOC507 | 15 hours | \$129.00

17691	M-F	6/24-6/28	1 p.m. - 4 p.m.	E109	Miller
17692	M-F	7/8-7/12	9 a.m. - 12 p.m.	E108	Miller

Advanced Digital Photography

Take your digital photography to the next level as you go beyond the basics. Learn more advanced and creative shooting methods as well as innovative composition techniques. After taking photographs around campus, edit those images and pick up even more enhancing ways to display your work.

Note: Students must bring their own digital camera with empty memory cards, card reader, and batteries to class. Pre-requisite: Digital Photography TOC507 or similar photography experience.

AGES 11 - 14

TOC169 | 15 hours | \$129.00

17642 M-F 7/22-7/26 1 p.m. - 4 p.m. E108 Miller

Junior Photographers Club

Embrace your creativity through the lens of a camera. From photo treasure hunt races and creating your own camera, to photo booth shenanigans and exploring trick camerawork, discover the imaginative world of photography. At the end of the week, put it all together for a delightful photo medley representing everything you learned.

Note: Students should bring their own digital camera with empty memory card, batteries, and a flash drive to class each day.

AGES 8 - 12

KOC359 | 15 hours | \$129.00

17724 M-F 7/8-7/12 1 p.m. - 4 p.m. E125 Miller

Photo Maker Lab

Explore the many ways to experiment and create with photography in this hands-on class. From making cameras to flip books, to transferring printed images for a game or sculpture, this experience will challenge both your technical and artistic sides. The possibilities are endless.

Note: Students should bring their own digital camera with empty memory card, batteries and a flash drive to class each day.

AGES 8 - 12

KOC360 | 15 hours | \$129.00

17758 M-F 7/15-7/19 1 p.m. - 4 p.m. E125 Miller

Design And Sew Like A Professional

No sewing experience is required in this class, where you will learn how to safely and confidently operate a sewing machine, and make trendy projects that look like you have been sewing for years! Learn how to creatively use straight stitches while you design, and make a one-of-a-kind faux knitted scarf. Try your hand at a creative project where you will learn an interesting twist on how to sew on a patch! You will complete all these projects, and perhaps a few more, if time permits. Have fun, be creative, and learn something new!

AGES 8 - 12

KOC249 | 15 hours | \$119.00

17682 M-F 7/22-7/26 1 p.m. - 4 p.m. E125 D. Parsons

17683 M-F 8/12-8/16 9 a.m. - 12 p.m. E125 D. Parsons

Design and Sew: American Girl Doll Creations

Create a one-of-a-kind ensemble and accessories for your American Girl Doll. Using hand sewing methods, as well as sewing machines, each student will make a pillow or blanket, plus an outfit for their favorite doll. Previous sewing experience is helpful, but not necessary.

AGES 8 - 12

KOC549 | 15 hours | \$119.00

17684 M-F 8/5-8/9 1 p.m. - 4 p.m. E125 D. Parsons

17685 M-F 8/12-8/16 1 p.m. - 4 p.m. E125 D. Parsons

NEW! DIY Bedroom Makeover

Let your design spirit shine through, and create a bedroom that's an expression of who you are. Use t-shirts to make a bedside rug, and decorate containers to stash important treasures. Decorate the walls with string art, and discover whimsical, colorful ways to bring new life to old "stuff." Rejuvenate your bedroom with fresh ideas that don't cost a lot of money.

AGES 11 - 14

TOC101 | 15 hours | \$129.00

17694 M-F 7/15-7/19 9 a.m. - 12 p.m. E125 K. Parsons

NEW! Creative Drama

Do you love playing make-believe? Do you love to be loud, goofy, and move around? If so, you belong in this class! Embrace silliness and creativity with fun games and activities while learning about basic acting skills like volume, body language, facial expressions, and more. Build confidence and learn teamwork by creating characters and scenes that come to life on the stage! In theater, your only limit is your imagination!

AGES 7 - 11

KOC619 | 9 hours | \$79.00

17680 M-W 7/1-7/3 1 p.m. - 4 p.m. F145 Imirie

Speak Up

If you find the idea of giving a speech or presentation in front of a group of people nerve-racking, this is the class for you! Discover the tricks to feeling comfortable in front of a crowd. Through games and group activities, pick up ideas and tidbits of information in a relaxed and fun classroom atmosphere. Speeches can be serious and informative, but they can also be whimsical and entertaining. Overcome your fear of public speaking, learn to communicate with ease, and have loads of fun along the way! Your voice deserves to be heard!

AGES 11 - 14

TOC728 | 15 hours | \$119.00

17785 M-F 7/29-8/2 1 p.m. - 4 p.m. E104 Imirie

Lunch Bunch Sign-Up, see page 24 for details

The Ukulele: Tiny Instrument, Great Big Fun!

Learning to play this popular instrument is easy and fun. Get to know the ukulele, master a few chords, put them altogether, and entertain your family and friends. Ukuleles will be provided for class time but students are welcome to bring their own.

AGES 7 - 11

KOC755 | 15 hours | \$139.00

17809 M-F 7/29-8/2 9 a.m. - 12 p.m. F142 Goodridge

AGES 12 - 15

TOC168 | 15 hours | \$139.00

17808 M-F 7/8-7/12 1 p.m. - 4 p.m. F142 Goodridge

NEW! Ukulele: Take Two!

Learning to play this popular instrument is easy and fun. Continue your learning of ukulele by discovering new strumming patterns, advanced chords, new chord progressions, and more! Ukuleles will be provided for class time, but students are welcome to bring their own.

Note: This class is designed for students who have some experience playing the ukulele, or who have already taken The Ukulele: Tiny Instrument, Great Big Fun!

AGES 7 - 11

KOC621 | 15 hours | \$139.00

17812 M-F 8/5-8/9 9 a.m. - 12 p.m. F142 Goodridge

NEW! Musical Whimsy

Explore different instruments such as boomwhackers, kazoos, recorders, and even ukuleles, as you learn how to read music and play songs. But wait, there's more! By the end of the week you'll perform songs together in an ensemble, and you'll get to take home your own recorder and kazoo.

AGES 9 - 12

KOC620 | 15 hours | \$139.00

17831 M-F 8/12-8/16 1 p.m. - 4 p.m. F142 Goodridge

NEW! Audition Prep for Singers

Do you want to get a great singing role in the school musical, or sing with a cool band or duo? Learn how to choose the most appropriate piece for your voice, and how to deliver and sell it! This class will leave you with self-confidence, and you'll be ready to ace those auditions.

AGES 10 - 16

KOC629 | 15 hours | \$119.00

17649 M-F 7/8-7/12 9 a.m. - 12 p.m. F142 Newman

Build the Beat: Electronic Music Creation

Technology has completely altered the way in which musicians today create, produce, and perform. Using digital software, learn about "at home" recording, layering, and making mash-ups. Students will spend time each day creating songs, and will share their accomplishments with family and friends on the last day of class.

AGES 14 - 17

TOC205 | 15 hours | \$139.00

17656 M-F 7/15-7/19 1 p.m. - 4 p.m. F107 Carlson

NEW! Create Your Own Demo Tape

Do you have vocal or instrumental talent, but need a recording to prove it? Discover how to make a high quality recording suitable for posting online, submitting in scholarship applications, or just building a portfolio. While using FCC's recording studio and computer lab, learn the basic concepts relating to audio, microphones, and digital audio systems. This class culminates in the completion of a short demo recording of your talents.

AGES 14 - 17

TOC104 | 15 hours | \$139.00

17681 M-F 7/22-7/26 1 p.m. - 4 p.m. F142 Carlson

Kids Take Over the Kitchen

Cook up delicious from-scratch recipes you can try for breakfast, lunch, or dinner. Measure and mix ingredients using a variety of cooking tools as you learn the basics of "kitchenology." A variety of items will be prepared, and each week we'll bake cupcakes and learn simple techniques of cake decoration. Learning to cook is so sweet! All levels of cooking experience are welcome.

AGES 6 - 10

KOC214 | 15 hours | \$149.00

17729	M-F	6/24-6/28	1 p.m. - 4 p.m.	E126C	Gordon/Imirie
17730	M-F	7/8-7/12	9 a.m. - 12 p.m.	E126C	Gordon/Roberts
17731	M-F	7/15-7/19	1 p.m. - 4 p.m.	E126C	Gordon/Roberts

AGES 10 - 14

KOC214 | 15 hours | \$149.00

17732	M-F	6/24-6/28	9 a.m. - 12 p.m.	E126C	Gordon/Gruber
17733	M-F	7/8-7/12	1 p.m. - 4 p.m.	E126C	Gordon/Roberts
17734	M-F	7/15-7/19	9 a.m. - 12 p.m.	E126C	Gordon/Roberts



Kids Take Over the Kitchen: Red, White, and Blueberries

Prove your independence in the kitchen with delightful dishes you can create for a 4th of July picnic with your family and friends. Patriotic cupcakes, blueberry desserts, all American appetizers, and ice cream - delicious! Bring your imagination to this cooking class and be prepared to celebrate the 4th!

AGES 6 - 10

KOC374 | 9 hours | \$89.00

17769 M-W 7/1-7/3 1 p.m. - 4 p.m. E126C Gordon/Gruber

AGES 10 - 14

KOC374 | 9 hours | \$89.00

17770 M-W 7/1-7/3 9 a.m. - 12 p.m. E126C Gordon/Gruber

Awesome Appetizers and Sensational Snacks

Move over main course dishes! Healthy and delicious appetizers and snacks are what it's all about. From dips and homemade chips to eye catching hors d'oeuvres, craft delightful finger foods and wholesome midnight snacks. Taste sensation plus presentation combine to create a treat for your eyes and taste buds in this fun filled cooking class.

AGES 6 - 10

KOC347 | 15 hours | \$149.00

17650 M-F 7/22-7/26 9 a.m. - 12 p.m. E126C Gordon/Gruber

AGES 10 - 14

KOC347 | 15 hours | \$149.00

17651 M-F 7/22-7/26 1 p.m. - 4 p.m. E126C Gordon/Gruber

Dessert Circus

If you have a sweet tooth, this class is for you! Learn how to make everything from pies, cakes, and custard, to monkey bread and cobbler. Desserts are not only delicious, they are fun to make! Learn to use kitchen tools and basic dessert-making ingredients and techniques. Then you can prepare for you and your friends a dessert circus anytime.

AGES 6 - 10

KOC537 | 15 hours | \$149.00

17686 M-F 7/29-8/2 9 a.m. - 12 p.m. E126C Gordon/Roberts

17687 M-F 8/5-8/9 1 p.m. - 4 p.m. E126C Roberts/Nelson

AGES 10 - 14

KOC537 | 15 hours | \$149.00

17688 M-F 7/29-8/2 1 p.m. - 4 p.m. E126C Gordon/Roberts

Teens Take Over the Kitchen

This class will bring out your inner chef as you learn more advanced cooking skills and techniques. In addition to creating vibrant and healthy dishes, you'll learn about good nutrition, tasteful presentation, food preparation, and safety in the kitchen. Homemade pizza dough, breakfast burritos, eggs benedict, and spaghetti sauce made from scratch are just a few of the recipes you'll create in this creative and engaging class.

AGES 14 - 17

TOC165 | 15 hours | \$149.00

17803 M-F 8/5-8/9 9 a.m. - 12 p.m. E126C Roberts

Business & Finance

Entrepreneurship for Teens and Tweens

Have you ever considered starting a business? Join us for an opportunity to learn how to create a real business. Young entrepreneurs will learn how to manage money, design a product or service, and market the business. You can learn how to develop your idea into a successful business.

AGES 9 - 14

TOC103 | 15 hours | \$129.00

17702 M-F 6/24-6/28 1 p.m. - 4 p.m. E123 Sorenson

17703 M-F 7/15-7/19 1 p.m. - 4 p.m. E104 Sorenson



Health, Fitness & Safety

Empower Yourself: Personal Safety, CPR and Smart Thinking

Be the best you can be, and help those around you as well. In addition to basic first aid and CPR, this class will explore positive and practical solutions in how to protect yourself and others from violence or harm. Learn how and when to say "no" to uncomfortable or inappropriate situations, endorse anti-bullying behavior, and acquire techniques for preventing and escaping dangerous situations. CPR will be taught, but students will not become certified. "You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose" - Dr. Suess

AGES 8 - 12

KOC348 | 15 hours | \$119.00

17700	M-F	7/22-7/26	9 a.m. - 12 p.m.	F109	D. Parsons
17701	M-F	8/5-8/9	9 a.m. - 12 p.m.	F109	D. Parsons

Hoops for Fitness and Fun

Hoops have been associated with exercise and play from as early as the 5th century in ancient Greece, to being used in storytelling by Native American dancers. Make your own modern Hoolah Hoops, and learn to twirl and toss them in this active and educational class. Explore exercise, cooperation, movement, and play, as you learn and master basic Hooping, Hoop Games, and Hoop tricks. The class wraps up with a showcase at the end of the week. Hoop making materials are included in the class. Be sure to bring a water bottle, and wear comfortable, natural fiber clothing that allows freedom of movement.

AGES 6 - 9

KOC700 | 15 hours | \$129.00

17717	M-F	7/8-7/12	9 a.m. - 12 p.m.	F145	Kemp
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Survive!

You are stranded in a remote location - no shelter, no heat, no transportation, unsafe water, and scarce amounts of food. Your goal is to SURVIVE! Your objective will be to prioritize your needs, build a shelter that will protect you from the environment, devise a way to collect drinking water, design and build a solar cooker, and signal for help. If you've got a sense of adventure, then take this hands-on class. You'll learn how to achieve these goals through the use of your imagination, common sense, critical thinking, and group collaboration. Good luck!

AGES 11 - 14

TOC612 | 15 hours | \$119.00

17800	M-F	7/8-7/12	1 p.m. - 4 p.m.	F145	Witt
17801	M-F	8/5-8/9	1 p.m. - 4 p.m.	F142	Witt

NEW! Preparing for the Unthinkable

Explore the world of emergency preparedness for all hazards. Develop essential disaster survival skills by engaging in hands-on activities. Climb aboard a fire truck and learn about firefighting. Enter a police sedan and hear about law enforcement. Launch a balloon and make high altitude imagery. Build your own preparedness kit for an emergency evacuation. This program will also help you understand that regardless of your age, you are the help until help arrives. Get ready now to make a positive difference when disaster strikes!

AGES 8 - 12

KOC628 | 9 hours | \$79.00

17762	M-W	7/1-7/3	9 a.m. - 12 p.m.	E104	Mid-Atlantic Center for Emergency Management
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TeamWorks: Cooperative Games and Team Building Fun

Can your team cross the river without getting wet, accomplish a team task without waking the dragon, or move through a hula hoop without letting go of your teammates? Spend the week taking on challenges that will boggle your mind and unleash your creative problem solving skills. There are no right or wrong answers as you work with other students to master solutions and put your plans into action in this fun filled cooperative games experience.

AGES 12 - 15

TOC170 | 15 hours | \$119.00

17802	M-F	7/22-7/26	1 p.m. - 4 p.m.	F109	Rutten
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Safe Sitter Babysitting Training

Good babysitters are always in demand! Safe Sitters gain the skills needed to do the job well and earn parents' trust. Students who complete the medically-accurate, up-to-date program gain confidence and learn how, why, and where injuries can happen so they can be prevented. They are taught how a child's age affects how to care for them and how to deal with problem behavior. Students also learn how to perform infant and child choking rescue, and they even learn CPR. Included are pointers on safety for the sitter as well, and to how to deal with uncomfortable and potentially dangerous situations. Certificate awarded at the conclusion of class.

AGES 11 - 15

KOC583 | 15 hours | \$139.00

17775	M-F	6/24-6/28	1 p.m. - 4 p.m.	F109	Gruber/K. Parsons
17776	M-F	7/8-7/12	9 a.m. - 12 p.m.	F109	Shaw/K. Parsons
17777	M-F	7/15-7/19	1 p.m. - 4 p.m.	F109	Gruber/Sine
17778	M-F	7/29-8/2	9 a.m. - 12 p.m.	F109	K. Parsons/Sine
17779	M-F	8/5-8/9	1 p.m. - 4 p.m.	F109	K. Parsons/Sine

Fencing Academy

This class teaches basic instruction in foil fencing techniques including simple attacks and parries. Bouting, scoring, and match judging are included in this active and fun class. Mask, jacket, foil, and glove are provided.

AGES 8+

KOC333 | 7.5 hours | \$109.00

17706	M-F	7/8-7/12	10:30 a.m. - 12 p.m.	D100	Sholes
17707	M-F	7/8-7/12	1 p.m. - 2:30 p.m.	D100	Sholes

Literary, Cultural & Writing Adventures

NEW! Princess Power

Being a princess is not just about tiaras, glass slippers, long braids, and fancy petticoats. It's also about being powerful, strong, independent, and kind. Cinderella learned to believe in herself, Ariel goes after her dreams of becoming a human, and Merida proves she doesn't need a prince to make a name for herself. Discover your best princess persona through stories, crafts, and activities.

AGES 6 - 8

KOC624 | 15 hours | \$119.00

17766	M-F	6/24-6/28	9 a.m. - 12 p.m.	E124A	K. Parsons
17767	M-F	7/29-8/2	1 p.m. - 4 p.m.	E124A	K. Parsons

Spanish Language and Culture

Take a journey while you learn the beginnings of conversational Spanish. After getting your passport stamped for Spain, you'll also "travel" to other countries in the Spanish-speaking world: Mexico, Peru, the Dominican Republic, and Argentina. Music, dance, and games from these cultures will be introduced to present an active and fun environment. Basic conversational vocabulary will be learned and practiced along with the alphabet, numbers, colors, family members, animals, days of the week, and months of the year.

AGES 6 - 8

KOC626 | 15 hours | \$119.00

17783	M-F	8/5-8/9	1 p.m. - 4 p.m.	E124A	Doherty
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AGES 9 - 12

KOC626 | 15 hours | \$119.00

17784	M-F	7/22-7/26	1 p.m. - 4 p.m.	E124A	Doherty
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The ABC'S & 1,2,3's of American Sign Language

Explore a fascinating language that requires your whole body! Through use of classroom instruction, movement, mime, and improvisation, you will learn the manual alphabet, how to count to 100 with one hand, colors, names of family members, and how to introduce yourself in ASL (American Sign Language). You will also explore topics in deafness and deaf culture.

AGES 9 - 12

KOC361 | 15 hours | \$119.00

17804	M-F	8/5-8/9	1 p.m. - 4 p.m.	E104	Pugh
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Chess Nuts

Are you a first time chess player, or do you want to sharpen your skills and discover some inside secrets that will help you beat your friends? From basic playing skills and strategies, to developing more advanced tactics, learn this traditional game of the mind. Focusing on decision making, consequences of actions, rewards, and fun, you'll learn the fundamentals of playing chess, sometimes with life size playing pieces!

AGES 8 - 12

KOC751 | 15 hours | \$129.00

17664	M-F	7/29-8/2	9 a.m. - 12 p.m.	E104	Lewis
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AGES 12 - 15

TOC167 | 15 hours | \$129.00

17665	M-F	8/12-8/16	9 a.m. - 12 p.m.	E104	Lewis
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NEW! STEM with a Chance of Meatballs

In Cloudy with a Chance of Meatballs, how could you protect the residents of Chewandswallow from giant meatballs raining down on them? The Swiss Family Robinson is stranded on an island and need protection. Should they design a treehouse, or dig a fort in the sand to protect themselves from the weather and other deserted island dangers? Since he only has one leg, how could Emmanuel in Emmanuel's Dream alter his bicycle before setting off for school each day? STEM and literacy collide, as you work through the engineering design process to help popular characters solve the problems they encounter in their stories!

AGES 6 - 9

KOC766 | 15 hours | \$119.00

17852	M-F	8/12-8/16	1 p.m. - 4 p.m.	F145	Kozlowski
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Harry Potter and Friends

School? Magic? Fun! Spend a week at Hogwarts! In this week-long session, you'll share your favorite parts of all seven novels, and each day you'll attend different classes. No, don't worry, we're not talking about traditional classes - we're talking about Potions, Herbology, Charms, Defense Against the Dark Arts, and more. There will be lots of hands-on activities and crafts (some of them edible), and lots of time to share your enthusiasm for Harry and his friends with your classmates.

AGES 7 - 11

KOC383 | 15 hours | \$119.00

17715	M-F	7/15-7/19	9 a.m. - 12 p.m.	E104	Cochran
17716	M-F	8/5-8/9	9 a.m. - 12 p.m.	E104	Sayed

Advanced Harry Potter

This class is for "Sirius" Harry Potter book-loving fans, and will cover all seven books of the HP series. We'll discuss the ins and outs of the characters: their lives, their hopes and dreams, and their wild conflicts. Expect to do some of your favorite things - be sorted into Houses, create delicious and disgusting snacks, play quidditch (or something like that ...) and some serious HP trivia games, and cast a spell or two. If you've read all the books and wish there were more ... this one's for you!

AGES 11+

TOC147 | 15 hours | \$119.00

17644	M-F	8/12-8/16	1 p.m. - 4 p.m.	F109	Sayed
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NEW! Calling All Future Authors

With a different focus each day, students who want to take their creative writing skills to a higher level will delve into writing news articles, poetry, dialogue, a picture book, short stories, or comic book analysis. Participate in creative activities that will get your writing juices flowing, and the ideas soaring. This class is designed for students who yearn to live the life of an author.

AGES 9 - 12

KOC590 | 15 hours | \$119.00

17660	M-F	7/8-7/12	1 p.m. - 4 p.m.	E104	Babb
17661	M-F	8/12-8/16	1 p.m. - 4 p.m.	E104	Babb

Jump WRITE In

Create books from concept to completion. Discover your special skills using imagination, observation, and all of your senses. Through creative, hands-on activities, we will practice the writing process to help you fully develop imaginative characters, settings, and plots. Create poetry, short stories, novellas, or journals. Use your ideas as building blocks for fiction, nonfiction, poetry, and more ... then combine your work with exciting design elements, interpreting your written words into a total visualization of a personalized journal or book. Let your imagination be your guide, as the possibilities are endless!

AGES 8 - 12

KOC128 | 15 hours | \$119.00

17723	M-F	7/8-7/12	9 a.m. - 12 p.m.	E125	Velnoskey
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Reading, Writing, and Mythological Creatures

Dive into the world of mythical creatures from cultures around the world. Explore the stories surrounding them, and the special powers they have. Use your knowledge of mythology and folklore to develop a mythical creature of your own, and create the story behind it.

AGES 7 - 11

KOC764 | 15 hours | \$119.00

17768	M-F	7/22-7/26	9 a.m. - 12 p.m.	E125	Babb
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Storytelling Festival

Explore the ins and outs of writing a story, and bring it to life through the art of storytelling. Through creative and lively activities, students will discover amusing and entertaining ideas that make for delightful tales. Stories take on a life of their own when students share them with the class. At the end of the week, your masterpiece will be complete, including a creative cover.

AGES 9 - 13

KOC763 | 15 hours | \$119.00

17793	M-F	7/29-8/2	9 a.m. - 12 p.m.	E125	Nelson
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Writing Magic

Characters, setting, and plot - mix them together and what do you get? Magic! In this fast paced class you'll make your own magic. Dive into writing through the lens of young adult fiction - and look at popular series like Harry Potter, Narnia, Percy Jackson, and Pendragon. Then, using examples from the stories, you'll create crafts from the worlds of the novels, and a special writing journal to imagine fantastic original stories that challenge your imagination.

AGES 8 - 12

KOC180 | 15 hours | \$119.00

17829	M-F	8/5-8/9	9 a.m. - 12 p.m.	E123	Nelson
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Preparing for Writing Classes: Middle School

This class will refresh student knowledge and reinforce the use of the essential building blocks in writing. Emphasis in this course is placed upon five traits of writing, including organization, vocabulary, sentence fluency, voice, and ideas.

AGES 11 - 14

KOC118 | 15 hours | \$119.00

17763	M-F	7/22-7/26	9 a.m. - 12 p.m.	E104	Velnoskey
17764	M-F	7/29-8/2	1 p.m. - 4 p.m.	E123	Velnoskey
17765	M-F	8/12-8/16	9 a.m. - 12 p.m.	F109	Imirie



Computer Technology

CAD

In this Computer Aided Design class, you'll become a junior architect, and learn how to build 3D computer models. Learn what it takes to design, plan, and model a 3D house, and how to create everything that goes inside. Design your own house in 3D from scratch. How cool is that?

AGES 8 - 12

KOC675 | 15 hours | \$139.00

17657	M-F	7/15-7/19	1 p.m. - 4 p.m.	E107	Bryer McKenzie
17658	M-F	7/22-7/26	1 p.m. - 4 p.m.	E107	Bryer McKenzie
17659	M-F	7/29-8/2	1 p.m. - 4 p.m.	E107	Bryer McKenzie

NEW! Coding with Scratch: Art

Explore computer programming, and learn how to write code as you design fun and functional computer programs. Create animations and make characters dance, change pixel colors to create digital art, and create interactive and talking art work as you construct sensational, artistic projects.

AGES 8 - 12

KOC592 | 15 hours | \$139.00

17670	M-F	7/8-7/12	1 p.m. - 4 p.m.	E109	Barr
17671	M-F	7/29-8/2	9 a.m. - 12 p.m.	E109	Barr

NEW! Coding with Scratch: Music and Sound

Explore computer programming and learn how to write code as you design fun and functional computer programs. Discover how to play musical notes, create a music video, and build an interactive music display while learning how programming is used to create music. Students will create characters, music sound effects, and build a digital art display.

AGES 8 - 12

KOC591 | 9 hours | \$89.00

17672	M-W	7/1-7/3	9 a.m. - 12 p.m.	E109	Barr
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KOC591 | 15 hours | \$139.00

17673	M-F	8/12-8/16	9 a.m. - 12 p.m.	E109	Shearer
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NEW! Coding with Scratch: Sports

Explore computer programming, and learn how to write code as you design fun and functional computer programs. Build a program to simulate extreme sports, make your own fitness gadget which includes a commercial, and create commentary for a big sporting event. On your mark, get set, code!

AGES 8 - 12

KOC594 | 9 hours | \$89.00

17674	M-W	7/1-7/3	1 p.m. - 4 p.m.	E109	Barr
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KOC594 | 15 hours | \$139.00

17675	M-F	7/15-7/19	9 a.m. - 12 p.m.	E108	Barr
17676	M-F	7/29-8/2	1 p.m. - 4 p.m.	E109	Taylor

NEW! Wizarding World: Wand Basics 101

Become a wizard! Command serpents to slither, and toads to transfigure with your own programmable wand in this Harry Potter inspired STEM class. After assembling your magical device, take on coding challenges to program your wand so you can create special effects and perform magical spells like Incendio, Stupefy, and Wingardium Leviosa.

Note: At the end of class, students get to take home the magical wand, illustrated storybook, sticker sheets, lanyard, spell poster, and free app to use with an iOS, Android, Windows, or Mac.

AGES 8 - 12

KOC625 | 15 hours | \$229.00

17827	M-F	7/22-7/26	1 p.m. - 4 p.m.	E109	Colborn
17828	M-F	8/5-8/9	1 p.m. - 4 p.m.	E109	Colborn

Graphic Design with Adobe Illustrator

Graphic Design is about combining art, photographs, and words in a colorful and creative manner. Learn techniques to blend photos together, change backgrounds, and create vector art. Explore how to add text (words) to your work, how to use drawing and painting tools, and become skilled at filtering and blending. Create a unique logo and a poster collage while learning what graphic design is all about.

AGES 8 - 12

KOC752 | 15 hours | \$139.00

17712	M-F	7/8-7/12	9 a.m. - 12 p.m.	E109	Sine
17713	M-F	7/22-7/26	9 a.m. - 12 p.m.	E109	Sine
17714	M-F	8/5-8/9	9 a.m. - 12 p.m.	E109	Sine



3-D Modeling: Digital Art on the Computer

Explore a new dimension of creativity when you enter the world of 3-D modeling. Using current market software, students will render and digitally model objects in a 3-D space and build 3-D digital artwork for use in animation and video game design.

AGES 8 - 12

KOC705 | 9 hours | \$89.00

17637	M-W	7/1-7/3	1 p.m. - 4 p.m.	E107	Taylor
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KOC705 | 15 hours | \$139.00

17638	M-F	7/8-7/12	1 p.m. - 4 p.m.	E107	Taylor
17639	M-F	7/15-7/19	1 p.m. - 4 p.m.	E109	Taylor

AGES 13 - 16

TOC705 | 15 hours | \$139.00

17875	M-F	8/5-8/9	1 p.m. - 4 p.m.	E107	Taylor
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Minecraft: Survival & Civilization

Collect and assemble resources, build shelters, and gather food and provisions, as you create and develop a society that grows from the dark ages through modern times. In this Minecraft centered class, learn how civilizations grew from small settlements to large empires, how relations with other continents were established, and how world powers keep in communication with one another.

AGES 7 - 11

KOC767 | 9 hours | \$89.00

17753	M-W	7/1-7/3	9 a.m. - 12 p.m.	E108	Kraeuter
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KOC767 | 15 hours | \$139.00

17752	M-F	6/24-6/28	1 p.m. - 4 p.m.	E108	Colborn
17754	M-F	7/15-7/19	1 p.m. - 4 p.m.	E108	Wolfe
17755	M-F	7/29-8/2	1 p.m. - 4 p.m.	E108	Colborn

MINECRAFT: Architecture - Seven Wonders Of The World

Combining the open world of Minecraft with the versatility of Legos, students will learn about various types of architectural wonder. From the Great Wall of China, to the Empire State Building, students will study about the architects who helped to create these masterpieces of craftsmanship, and then build their own. Students will begin by exploring building designs, and then use the computer to recreate them using Minecraft and Legos. Combining what they have learned with their imaginations, they will create their own architectural marvels, focusing on their own Wonder of the World.

AGES 7 - 11

KOC634 | 15 hours | \$139.00

17748	M-F	7/8-7/12	1 p.m. - 4 p.m.	E108	Crawford
17749	M-F	7/22-7/26	9 a.m. - 12 p.m.	E108	Crawford
17750	M-F	8/5-8/9	1 p.m. - 4 p.m.	E108	Wolfe
17751	M-F	8/12-8/16	1 p.m. - 4 p.m.	E108	Kraeuter

Advanced Level Minecraft

Would you like to challenge yourself in Minecraft and tackle something more complicated than a simple house or castle? How would you like to recreate Neuschwanstein Castle in 1:1 scale? No? Is that not difficult enough? How about creating the Titanic to scale? These and other ancient and modern wonders of the world will be examined and recreated in this advanced version of Minecraft Architecture. At the end of the week you will take a tour through, around, and inside the structures that have been recreated.

Note: Previous Minecraft experience is necessary to join this class.

AGES 12 - 15

TOC216 | 15 hours | \$139.00

17645	M-F	7/29-8/2	9 a.m. - 12 p.m.	E108	Wolfe
17646	M-F	8/5-8/9	9 a.m. - 12 p.m.	E108	Kraeuter

Video Game Design I: Level Design

Video games are an emerging art form that combines writing, cinematography, painting, and programming into one medium. Have you ever thought about designing your own game? In this course, you will work with the same software used to create some of the biggest selling and highest rated games on the market today. In this introductory course, students will learn the basics of using the software, and through a focus on level design, students will become proficient at using the major tools in Unreal Engine.

AGES 9 - 14

KOC710 | 9 hours | \$89.00

17814	M-W	7/1-7/3	1 p.m. - 4 p.m.	E108	Colborn
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KOC710 | 15 hours | \$139.00

17813	M-F	6/24-6/28	9 a.m. - 12 p.m.	E107	Colborn
17815	M-F	7/15-7/19	9 a.m. - 12 p.m.	E107	Colborn
17816	M-F	7/29-8/2	9 a.m. - 12 p.m.	E107	Colborn

Video Game Design II: Blueprinting

This is a continuation of the Video Game Design I course. Students will expand upon their knowledge of video game design through the use of drag and drop coding, known as blueprinting. Learn how to program levels and characters, as well as learn advanced features within the game engine.

Note: Students should be proficient with the techniques taught in Video Game Design I: Level Design.

AGES 9 - 14

KOC711 | 15 hours | \$139.00

17848	M-F	6/24-6/28	1 p.m. - 4 p.m.	E107	Kraeuter
17817	M-F	7/8-7/12	9 a.m. - 12 p.m.	E107	Colborn
17818	M-F	7/22-7/26	9 a.m. - 12 p.m.	E107	Colborn
17819	M-F	8/12-8/16	1 p.m. - 4 p.m.	E107	Colborn

Video Game Design III: Workshop

This is the third course in the Video Game Design lineup. This class is presented in a workshop format and can be taken multiple times. Students follow their own path through the game design process in this course. During this process students will confer with the teacher and other students in order to tackle and master expert level techniques.

AGES 11 - 15

TOC512 | 15 hours | \$139.00

17820	M-F	8/12-8/16	9 a.m. - 12 p.m.	E107	Colborn
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How to Build a PC

Building your own PC can be a cost effective and rewarding experience for anybody. In this hands-on class, students will not only learn to repair and troubleshoot PC issues, but they will also learn how to build a PC from the ground up, as well as how to maintain and install Windows. Overclocking CPUs and GPUs will be performed for gaming enthusiasts. Computer components and tools will be provided.

AGES 9 - 14

KOC642 | 15 hours | \$139.00

17718	M-F	7/8-7/12	9 a.m. - 12 p.m.	E123	Kraeuter
17719	M-F	7/15-7/19	1 p.m. - 4 p.m.	E123	Crawford
17720	M-F	7/29-8/2	9 a.m. - 12 p.m.	E123	Kraeuter
17721	M-F	8/5-8/9	1 p.m. - 4 p.m.	E123	Kraeuter
17722	M-F	8/12-8/16	9 a.m. - 12 p.m.	E123	Kraeuter

Touch, Type and Create

Do you use the "hunt and peck" method to send an instant message or an email to your friends? Learn how to type at a rate of 15 - 25 words per minute without making a lot of mistakes. Use Microsoft Office Word to become skilled at basic word processing, formatting, correcting errors, and proofreading your work. Practice cutting and pasting, changing fonts, underlining, using italics, and bolding. This interactive class will keep your fingers flying across your keyboard.

AGES 8 - 11

KOC519 | 15 hours | \$119.00

17810	M-F	7/15-7/19	9 a.m. - 12 p.m.	E109	Velnoskey
17811	M-F	8/5-8/9	9 a.m. - 12 p.m.	E107	Shearer

LEGO®, Technology, Robotics & More!

WeDo Robotics and Coding

Build Lego models featuring working motors with sensors, and learn simple programming techniques to create models that perform tasks like kicking a soccer ball or lifting creatures with a crane. Combining science and math, students will use computer and Bluetooth technology to program Lego robots that use tilt and motion sensors. No previous experience with robotics is required.

AGES 6 - 9

KOC597 | 15 hours | \$139.00

17823	M-F	6/24-6/28	9 a.m. - 12 p.m.	E126AB	Hahn
17824	M-F	7/15-7/19	9 a.m. - 12 p.m.	E126AB	Hahn
17825	M-F	8/5-8/9	9 a.m. - 12 p.m.	E126AB	Hahn
17826	M-F	8/12-8/16	1 p.m. - 4 p.m.	E126AB	Hahn

LEGO® Mindstorm Robotic Creations

Join us as we set out for a week of exploring and building robots. Students will work in pairs to use LEGO® Mindstorms Robotics. Build a robot that will follow your commands, and modify and test various robot creations. Using a computer and an infrared transmitter, students will program their robots to meet various challenges we put in place. Bring along your enthusiasm and imagination - we'll have a blast with robotics fun!

AGES 8 - 12

KOC224 | 15 hours | \$129.00

17735	M-F	6/24-6/28	1 p.m. - 4 p.m.	E126AB	Goodridge
17736	M-F	7/29-8/2	9 a.m. - 12 p.m.	E126AB	Hahn
17737	M-F	8/12-8/16	9 a.m. - 12 p.m.	E126AB	Goodridge

LEGO® Mindstorm Robotic Creations for Middle School Students

Middle school students set out for a week of exploring and building robots. Students will use LEGO® Mindstorms Robotics and Renewable Energy kits to build a robot that will follow commands, and control wind turbines and solar power cells. Use five different sensors and motors to make your robot interact with its environment, create wind and solar power energy, take on obstacle courses, and battle other robots! Bring along your enthusiasm and imagination - we'll have a blast with robotics fun!

AGES 11 - 14

TOC651 | 15 hours | \$129.00

17738	M-F	7/15-7/19	9 a.m. - 12 p.m.	F145	Witt
17739	M-F	8/5-8/9	9 a.m. - 12 p.m.	F145	Witt

Lunch Bunch Sign-Up, see page 24 for details

LEGO® Robot Races

Students will design and build robots using Lego Mindstorm kits. The fun and competition ensues as they set up challenges and roadblocks using a computer and an infrared transmitter. Whose robot can win the speed race? Whose robot can get through the obstacle the fastest? Combining enthusiasm and imagination, have a blast with robotics fun!

AGES 8 - 12

KOC756 | 9 hours | \$79.00

17740	M-W	7/1-7/3	1 p.m. - 4 p.m.	E126AB	Goodridge
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KOC756 | 15 hours | \$129.00

17741	M-F	8/5-8/9	1 p.m. - 4 p.m.	E126AB	Goodridge
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Battle Robots with LEGO®

Design and build remote controlled robots using Lego Mindstorm kits. Once you've mastered challenges like building a robot with the fewest number of pieces, or using only one motor, engage your robot in battle with others. With a new challenge each day, students will use problem solving skills to strategize how their team's robot can morph to win battles and become a tournament champion. If you have a big imagination and like to build, this is the class for you.

AGES 8 - 12

KOC757 | 15 hours | \$129.00

17653	M-F	7/8-7/12	9 a.m. - 12 p.m.	E126AB	Goodridge
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17654	M-F	7/22-7/26	9 a.m. - 12 p.m.	E126AB	Goodridge
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NEW! Advanced Battle Robots

Once you've designed and built remote control robots using Lego Mindstorm kits, engage your robot in skirmishes with others, and complete maneuvering, distance, and battle challenges. With new contests and encounters each day, students will learn how to incorporate advanced programming skills and various types of sensors into their robot to take it to the next level.

Note: This class is designed for students who have previously taken Battle Robots.

AGES 8 - 12

KOC622 | 15 hours | \$129.00

17641	M-F	7/29-8/2	1 p.m. - 4 p.m.	E126AB	Goodridge
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May the Force Be With You: LEGO® Faraway Empires, Starfighters and Wookiees

Students will become familiar with the characters and history of the Star Wars series as they build vehicles and structures using LEGO kits. Working in small groups, students will develop their fine motor skills, think in three dimension, problem solve, and develop lateral thinking skills as they build from various Star Wars LEGO® kits, including the Imperial Shuttle Tydirium, AT-AT, and the Imperial Assault Carrier. Explore the world of Star Wars!

AGES 7 - 11

KOC321 | 9 hours | \$79.00

17744	M-W	7/1-7/3	9 a.m. - 12 p.m.	E126AB	Goodridge
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Space Exploration with LEGO®

Travel across the planet in a Mars Rover, take a rocket ship to Pluto, or travel through space beyond the Milky Way Galaxy, all made possible by creations built with LEGO®! Each day we'll learn about a different planet, cosmic body, or energy, and then construct the appropriate vehicle used to travel through, towards, or beyond. Learn, create, go- Space travel has never been so much fun!

AGES 7 - 11

KOC322 | 15 hours | \$129.00

17782	M-F	7/22-7/26	1 p.m. - 4 p.m.	E126AB	Hahn
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Science, Math & STEM

Junior Scientists Explore: Weird and Wacky Science Experiments

If you are looking for some fun, cool, and even mind blowing science experiments, this is the class for you. Discover how science can be fun, magical, and sometimes delicious in this hands-on class. Whether you make ice cream in a baggie, create your own lava lamp, or grow colorful crystals, the scientist in you will be bursting with excitement!

AGES 6 - 8

KOC615 | 9 hours | \$69.00

17725	M-W	7/1-7/3	9 a.m. - 12 p.m.	F141	Kuykendall
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KOC615 | 15 hours | \$119.00

17726	M-F	7/8-7/12	9 a.m. - 12 p.m.	F141	Kuykendall
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17727	M-F	7/22-7/26	1 p.m. - 4 p.m.	F141	Barber
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Rock'On Dinosaurs! Crystals, Geodes and More!

Dig into the past and explore the land before time as you discover dinosaurs, fossils, rocks, and minerals. As a junior paleontologist, (better known as a "dino-lover"), you'll build a dinosaur model, break open a geode, grow amazing crystals, and construct an erupting volcano, all in one sensational week.

AGES 6 - 9

KOC239 | 15 hours | \$129.00

17772	M-F	7/15-7/19	1 p.m. - 4 p.m.	F118	Rutten
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17773	M-F	7/22-7/26	9 a.m. - 12 p.m.	F118	Rutten
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Ooey, Gooley, Kablouey Science

Get your fingernails dirty and your fingers slimy in this very, very hands-on class! Create your own slime, flubber, and oobleck, hold touchable bubbles, squish sudsy goop, and design your very own lava lamp. Lots of fun and sensational ooey, gooeyness awaits in this class.

AGES 7 - 11

KOC363 | 9 hours | \$79.00

17756	M-W	7/1-7/3	1 p.m. - 4 p.m.	F141	Duckworth
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KOC363 | 15 hours | \$129.00

17757	M-F	7/29-8/2	9 a.m. - 12 p.m.	F141	Duckworth
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Did the Butler Do It? - The Science of Crime Solving

Be part of the investigative team that uses science to solve mysteries and crimes. Learn how to examine fingerprints and simulate blood typing techniques to solve a crime. Use your powers of observation and critical thinking to examine and process a crime scene, look for clues, and collect evidence as you try to figure who the culprit might be.

AGES 7 - 11

KOC571 | 15 hours | \$119.00

17689	M-F	6/24-6/28	1 p.m. - 4 p.m.	F141	Dennis
17690	M-F	8/12-8/16	1 p.m. - 4 p.m.	F141	Dennis

NEW! Water, Water Everywhere

Discover the wonders of a simple water droplet as you explore the science of water. Conduct experiments to see what makes water one of our greatest resources on Earth. Build amazing water musical instruments, bottle a wave, launch a water bottle rocket, and learn about amazing water environments, and the animals that live within them.

AGES 7 - 11

KOC589 | 15 hours | \$119.00

17821	M-F	7/8-7/12	1 p.m. - 4 p.m.	F141	Sinton
17822	M-F	7/29-8/2	1 p.m. - 4 p.m.	F141	Sinton

The Magic of Science

Perform amazing magic tricks while you learn about energy, chemistry, and physics. Find out the secret behind making bubbles that bounce, and balance a drinking glass in a way that seems to defy gravity and the laws of physics. Weave popsicle sticks together, and release them in an explosion of kinetic energy. If your mind is full of the wonder of science, and you love to discover and explore, this is the class for you!

AGES 8 - 12

KOC268 | 15 hours | \$119.00

17805	M-F	7/15-7/19	9 a.m. - 12 p.m.	F141	Meiners
17806	M-F	7/22-7/26	9 a.m. - 12 p.m.	F141	Meiners
17807	M-F	8/5-8/9	1 p.m. - 4 p.m.	F141	Meiners

Chemistry for Cool Kids

Explore the world of chemistry through fun, hands-on experiments using every day materials. Discover the chemistry behind some of your favorite candies, learn how to make a bouncy ball, and build rockets! Sensational experiments will be performed every day in class, but they can also easily be performed at home, to the amazement of your family and friends.

AGES 10 - 13

KOC761 | 15 hours | \$129.00

17662	M-F	8/5-8/9	9 a.m. - 12 p.m.	F141	Carbone
17663	M-F	8/12-8/16	9 a.m. - 12 p.m.	F141	Carbone

NEW! Just Add Water

Explore the essential properties of water and how it makes life possible. Through hands-on experiments, see firsthand how water is unlike any other substance on earth, and why we must protect this valuable natural resource. Did you know that there is more water in the atmosphere than all the world's rivers combined? There's no need to bring your rain boots to class, but expect to get up close and personal with this necessity in everyday life.

AGES 11 - 14

TOC100 | 15 hours | \$129.00

17728	M-F	7/15-7/19	1 p.m. - 4 p.m.	F141	Dennis
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NEW! Polymer Science - a.k.a. SLIME!

Explore the chemistry of polymers! A polymer is a large molecule made up of repeating units called monomers ... but you know it better as slime, silly putty and gak. Polymers are found in the human body, animals, plants, minerals, and manufactured products, and in this class you'll explore different types of polymers and the chemistry behind them. Learn about insta-snow, water jelly crystals, how diapers work, tie-dye, synthetic polymers like rubber, plastic, and nylon, as well as natural polymers like starch, DNA, and proteins. Guaranteed chemistry mess and fun!

AGES 11 - 14

TOC105 | 15 hours | \$129.00

17760	M-F	6/24-6/28	9 a.m. - 12 p.m.	F141	Duckworth
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AGES 13 - 16

TOC105 | 15 hours | \$129.00

17903	M-F	7/15-7/19	9 a.m. - 12 p.m.	C237	Duckworth
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Marine Science

Explore the biology, chemistry, ecology, geography, and physics of the ocean in this hands-on science class. This class will also include the dissection of some marine specimens in order to learn about their anatomy. The relationship between ocean life, the coastal environment, and humans will be investigated as you learn about the impact of technology and pollution on marine ecosystems. The ocean has many influences on the earth and provides humankind with many resources. Learn what you can do to protect this beautiful and essential part of the world in which we live.

AGES 13 - 16

TOC166 | 15 hours | \$129.00

17743	M-F	8/5-8/9	9 a.m. - 12 p.m.	C237	Duckworth
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Dissection Science

Discover the exciting world of dissection when you perform both hands-on and virtual dissections as you learn the anatomy of different large-size animals. Students will dissect the following specimens: frog, perch, crayfish, grasshopper, earthworm, clam, and starfish. Fees include tools and specimens for dissection.

AGES 11 - 14

KOC362 | 15 hours | \$139.00

17693	M-F	7/8-7/12	9 a.m. - 12 p.m.	C237	Duckworth
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NEW! Advanced Dissection Science

In this advanced class, students will learn advanced dissection techniques and dissect more advanced specimens, including: cow eye, pig heart, squid, lamprey, fetal pig, and a dog fish shark. Fees include tools and specimens for dissection.

Note: Class designed for students who have previously taken KOC362 Dissection Science.

AGES 13 - 16

TOC106 | 15 hours | \$149.00

17643	M-F	7/29-8/2	1 p.m. - 4 p.m.	C237	Duckworth
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STEM Challenges

Think creatively as you scheme and troubleshoot to complete a STEM Challenge each day. Activities will include marshmallow towers, pompom cannons, paper helicopters, roller coasters, and even hovercrafts. Have so much fun, you won't realize how much you are learning!

AGES 8 - 12

KOC364 | 9 hours | \$79.00

17790	M-W	7/1-7/3	9 a.m. - 12 p.m.	F145	Duckworth
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KOC364 | 15 hours | \$129.00

17791	M-F	7/29-8/2	1 p.m. - 4 p.m.	F142	Barr
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NEW! STEAM Ahead

Imagine a place where students can explore, design, build, craft, and create all at the same time. This arts based class will allow students to explore materials, and make creative discoveries. Students will use the basic foundations in science, technology, engineering, and math, and infuse it with the arts, creating a full moving STEAM ahead mindset. The possibilities are endless.

AGES 6 - 9

KOC598 | 15 hours | \$129.00

17788	M-F	7/8-7/12	1 p.m. - 4 p.m.	E126AB	Prahl
17789	M-F	8/12-8/16	9 a.m. - 12 p.m.	E124A	Meiners

Structural Engineering

Learn what it takes to become a junior engineer. Plan and construct complex projects and structures using simple household materials. Design and build bridges, towers, and domes out of drinking straws, toothpicks, popsicle sticks, and balsa wood. Students compete against each other in a friendly competition to see who can design and build the strongest structures.

AGES 8 - 12

KOC636 | 15 hours | \$129.00

17794	M-F	7/15-7/19	1 p.m. - 4 p.m.	F145	Hahn
17795	M-F	8/5-8/9	1 p.m. - 4 p.m.	F145	Hahn

Rube Goldberg Machine: A Crazy Solution to a Simple Task

Who is Rube Goldberg? What are Simple Machines? This class is all about the wonderfully wacky inspirations of Rube Goldberg- an inventor, cartoonist, and engineer of wild motion machines named after him. The sole purpose of these machines is to accomplish a simple job through multiple bizarre steps. Student inventors will work in small teams to design and create their own Rube Goldberg-style inventions, which will sharpen their skills in physics, creativity, and humor. Students will be challenged to create Rube Goldberg inventions (a series of simple machines that accomplish a simple task) using familiar and found objects such as ramps, rope, tubes, weights, balls, funnels, recyclables, and most importantly, lots of Duct tape. This class is dedicated to exploration, design, and fun with activities including the construction of massive domino chains, creating your own machines, and trying to build a better mousetrap. If you like drawing, art, engineering, and antics, this is the class that will keep your imagination in perpetual motion.

AGES 11 - 14

KOC331 | 15 hours | \$129.00

17774	M-F	7/15-7/19	1 p.m. - 4 p.m.	F142	Duckworth
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NEW! STEM Zone Sports

Conquer your way through science, technology, engineering, and math challenges while incorporating your favorite sports! Use activities such as football, baseball, soccer, and basketball to challenge your mind when you design a helmet that can protect an egg, or figure out how much energy is required to knock over bowling pins. Expand your knowledge of math and science application through hands-on exploration in the classroom, as well as on the playing field.

AGES 8 - 10

KOC623 | 15 hours | \$129.00

17792	M-F	7/22-7/26	1 p.m. - 4 p.m.	F145	Sinton
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NEW! Spy Academy

Join an elite group of recruits to become a spy-in-training. Agents-in-training will learn about forensics, unravelling crimes using science, critical thinking skills, and logical puzzle solving. Discover surveillance techniques and how to break ancient codes. Mastering obstacle courses and developing disguises are a few of the skills you'll learn as you prepare to accept your super-secret mission.

AGES 8 - 12

KOC596 | 15 hours | \$119.00

17786	M-F	7/22-7/26	9 a.m. - 12 p.m.	F145	Hahn
17787	M-F	8/12-8/16	9 a.m. - 12 p.m.	F145	Hahn

NEW! Fling Things - Angry Birds Style

Bring the game Angry Birds to life by exploring different ways to construct catapults, angry birds, and props. Combining science and art, students will experiment with the best designs and materials for creating catapults. Working collaboratively and independently, they will build setups and props for battle, along with various obstacle challenges.

AGES 9 - 12

KOC595 | 15 hours | \$129.00

17708 M-F 7/29-8/2 9 a.m. - 12 p.m. F145 Clay

Rocketry

Learn what it takes to become a junior rocket scientist as you study the history and principles of rocketry before creating your own missile masterpiece. Not only will you get to design and build a solid fuel rocket and a bottle rocket, but you'll also design a parachute system that can safely land an egg back on earth. Newton's Law of Motion? You got this!

AGES 11 - 14

TOC201 | 15 hours | \$129.00

17771 M-F 7/29-8/2 1 p.m. - 4 p.m. F145 Dennis

Body System Amusement Park

Design a waterpark ride that illustrates how the circulatory system works, or build a roller coaster that stands tall like the skeletal system. In this hands-on class, design and construct amusement park rides that are modeled after the functions of these and other human body systems. Could you compare a haunted house ride to the nervous system? Now there's something to think about!

AGES 7 - 11

KOC765 | 15 hours | \$129.00

17851 M-F 8/12-8/16 9 a.m. - 12 p.m. F142 Kozlowski

Zany Brainy Fun with Math

Have fun with math through games and play! Expand your knowledge and practice your math skills in an entertaining and interactive way. Using dice, LEGO bricks, puzzles, and board games, have a blast and learn at the same time. No pencils and paper found here... just fun!

AGES 7 - 10

KOC338 | 15 hours | \$119.00

17830 M-F 8/5-8/9 9 a.m. - 12 p.m. E124A Wolfe

Middle School Math

Middle school is right around the corner, and this is your chance to get a jump start on 6th or 7th grade math. Be two steps ahead or more, who's counting (well, you are), after you take advantage of this enjoyable and practice-filled math experience that will prepare you for the upcoming year in math class. Through math games, group activities, and individual study, learn about rational numbers, ratios and proportions, statistics and probability, expressions, equations, and more. This class helps prepare for the new common core curriculum for FCPS students, but is beneficial for home school students as well.

Note: This class is intended for students going into 5th grade accelerated math, or 6th or 7th grade math classes, and is not intended for elementary students who are not going into accelerated math.

AGES 10 - 12

TOC148 | 15 hours | \$119.00

17745	M-F	6/24-6/28	1 p.m. - 4 p.m.	E104	Wilcox
17746	M-F	7/22-7/26	1 p.m. - 4 p.m.	E104	Wilcox
17747	M-F	8/5-8/9	9 a.m. - 12 p.m.	E125	Wilcox

Eighth Grade Math, We're Coming for You!

High School is coming fast, and here is your chance to get a great review of material you've already learned, or catch a preview of 8th grade math. This exciting math class will cover expressions, equations, linear relationships, patterns and functions, real numbers, Pythagorean Theorem, and more! In this class you will learn skills through math games, group activities, projects, and individual studies.

Note: This class is designed for students entering 7th grade accelerated math, 8th grade math, or for students entering 9th grade who are looking for a review.

AGES 12+

TOC151 | 15 hours | \$119.00

17698	M-F	7/8-7/12	1 p.m. - 4 p.m.	E123	Wilcox
17699	M-F	7/29-8/2	1 p.m. - 4 p.m.	E125	Wilcox

Get Ready for Algebra

Prepare for the common core curriculum, and become competitive with students nationally by taking this class. Depending upon your math experience, in this class you'll either get a great review of what you've already learned, or catch a preview and start to grasp hold of the FCPS Algebra curriculum. This class will be divided equally between math games, group activities, and individual study in an entertaining atmosphere. Learn about equations, linear relationships, patterns and functions, quadratic functions, exponential functions, and more. This is not your typical math class experience ... so much better, so much more fun!

Note: This class is designed for students entering 8th grade Accelerated Math, or 9th grade students entering Algebra, and is not designed for elementary students.

AGES 13+

TOC152 | 15 hours | \$119.00

17710	M-F	7/15-7/19	1 p.m. - 4 p.m.	E124A	Wilcox
17711	M-F	8/12-8/16	1 p.m. - 4 p.m.	E123	Wilcox

Study Skills & Test Preparation

Study Skills and Test Taking Strategies for Middle School Students

How to get organized, take good notes, and study effectively are just a few of the techniques you'll discover in this class that brings test-taking strategies and study skills together in a fun-filled and relaxed atmosphere. Learn methods to keep track of important papers and assignments, figure out how long assignments may take, and discover how to break big projects into smaller ones. Slow down, breathe deep, and take this class. It will teach you the skills needed to be successful in middle school and beyond.

AGES 11 - 14

TOC150 | 15 hours | \$119.00

17796	M-F	7/15-7/19	9 a.m. - 12 p.m.	E124A	Brianna McKenzie
17797	M-F	7/22-7/26	9 a.m. - 12 p.m.	E124A	Brianna McKenzie
17798	M-F	7/29-8/2	9 a.m. - 12 p.m.	E124A	Brianna McKenzie
17799	M-F	8/12-8/16	1 p.m. - 4 p.m.	E124A	KOC/TOC Instructor





Lunch Bunch



A staff-supervised lunch program, Lunch Bunch (Bring Your Own Lunch) and Lunch Bunch Plus (FCC provides lunch) takes place from **12:00 - 1:00 p.m. daily in the Cougar Grille (Student Center, H Building).**

Program Requirements

Students registered for both morning and afternoon classes on the same day are required to sign up for Lunch Bunch. No student may be unsupervised on campus between classes. These students are accompanied by KOC/TOC staff from their morning class to Lunch Bunch, and then to their afternoon class.

***Bring Your Own Lunch Note:** If bringing lunch, food and drink should be packed that do not require refrigeration. Please avoid packing items that could melt and/or perish in the hot weather.*

Program Options

Students registered for only morning or afternoon classes are welcome to register for and attend Lunch Bunch as well. Morning students attending Lunch Bunch must be picked up and signed out at 1 p.m. in the Cougar Grille (H Building, Student Center). Afternoon students attending Lunch Bunch must be dropped off by noon in the Conference Center, E-115. Program staff will accompany them to lunch.

Important Note

Lunch Bunch is NOT a drop-in program. Students must be registered in advance for this program.

Lunch Bunch: Bring Your Own Lunch

KOC663 | 5 hours | \$21.00

17832 M-F 6/24–6/28 Cougar Grille

KOC663 | 3 hours | \$13.00

17833 M-W 7/1–7/3 Cougar Grille

KOC663 | 5 hours | \$21.00

17834 M-F 7/8–7/12 Cougar Grille
 17835 M-F 7/15–7/19 Cougar Grille
 17836 M-F 7/22–7/26 Cougar Grille
 17837 M-F 7/29–8/2 Cougar Grille
 17838 M-F 8/5–8/9 Cougar Grille
 17839 M-F 8/12–8/16 Cougar Grille

Lunch Bunch Plus: FCC Provides Lunch

KOC463 | 5 hours | \$54.00

17840 M-F 6/24–6/28 Cougar Grille

KOC463 | 3 hours | \$32.00

17841 M-W 7/1–7/3 Cougar Grille

KOC463 | 5 hours | \$54.00

17842 M-F 7/8–7/12 Cougar Grille
 17843 M-F 7/15–7/19 Cougar Grille
 17844 M-F 7/22–7/26 Cougar Grille
 17845 M-F 7/29–8/2 Cougar Grille
 17846 M-F 8/5–8/9 Cougar Grille
 17847 M-F 8/12–8/16 Cougar Grille

General Program Information

Students learn more when they have the opportunity to discover and explore exciting topics in a fun, hands-on environment. That's where we come in. We provide expert instruction, a safe environment, and all the supplies for a fun-filled summer of learning. To ensure everyone enjoys their time at Frederick Community College, we ask that you please read through the following Kids on Campus (KOC) and Teens on Campus (TOC) rules and guidelines.

FCC Alert

We strongly encourage parents to sign up for FCC Alert in order to receive timely information regarding College closures, emergencies, etc. To sign up go to frederick.edu and search FCC Alert.

Attendance/Dismissal

Attendance is taken daily. Students **MUST** be signed in and signed out of classes by their parent or guardian. Parents should bring their child to the class no earlier than 10 minutes prior to the start of the class. There is no supervision prior to this time. **Parents must take full responsibility for their child's behavior and safety.** At dismissal, students will be supervised until picked up. Please be prompt! If you are going to be late, please call us at 301.846.2661 to let us know. (We understand parents may have more than one child on campus at one time.)

Students not picked up by 12:15p.m. (for morning classes) or 4:15 p.m. (for afternoon classes) will be escorted to the Conference Center (Building E) to await pickup.

Pick Up/Drop Off and Sign In/Out Procedures

Students ages 6 to 12

- Children must be signed in and out from their classroom by an authorized adult.
- Children attending both morning and afternoon programs on the same day will be checked out of morning and into afternoon classes by a KOC/TOC staff member.
- The college will only release your child to those listed as "authorized" on the Emergency Contact Form.

Teen Students age 13 and over

- With a signed Self Sign Out Form on file, teens may sign themselves out.

- Self Sign Out Forms are available by contacting Kidsoncampus@frederick.edu or calling 301.846.2661.
- Without a signed Self Sign Out Form on file, teens must be signed out of class by an authorized adult. (Please see procedure for students ages 6 to 12.)

LUNCH BUNCH:

Pick Up/Drop Off and Sign In/Out Procedures

A staff-supervised lunchtime program, Lunch Bunch (Bring Your Own Lunch) and Lunch Bunch Plus (FCC provides lunch) takes place from 12-1 p.m. daily in the Cougar Grille (H Building, Student Center).

Program Requirements

Students registered for both morning and afternoon classes on the same day are required to sign up for Lunch Bunch. No student may be unsupervised on campus between classes. These students are accompanied by our staff from their morning class to Lunch Bunch, and then to their afternoon class.

Program Options

Students registered for only morning or afternoon classes are welcome to register for and attend Lunch Bunch as well. Morning students attending Lunch Bunch must be picked up and signed out at 1 p.m. in the Cougar Grille (H Building, Student Center). Afternoon students attending Lunch Bunch must be dropped off by noon in the Conference Center, E-115. Program staff will accompany them to lunch.

Important Note

Lunch Bunch is NOT a drop-in program. Students must be registered in advance for this program. See page 24 for dates and details.

General Program Information continued →

General Program Information cont...

Cell Phone Usage

Cell phones must remain off during class session. If you need to reach your child while class is in session, please call our office at 301-846-2661 and a message will be immediately delivered to your child.

Electronic devices and cell phones may not be used during class hours without instructor permission. FCC is not responsible for lost, broken or missing items.

Emergency Contact Form

Required for all courses and must be completed before a child can participate in a program, this form is completed online as a part of the registration process. If, for any reason a form is not on file for your child, one will be provided at the beginning of the first day of class to be completed and signed by an authorized guardian before leaving the child.

Student Safety

Everyone's safety is our top priority. All FCC faculty and staff undergo background checks as required by state law. Children are closely supervised and are escorted by KOC/TOC staff to and from all activities. Parents/guardians are required to sign their child in and out of class each day.

Food Allergies

FCC provides nut-free snacks and lunches during summer programs. We kindly ask students, parents and guardians to not bring peanut or nut products to campus. Please note, however, the college does not guarantee an allergen-free environment.

Medications & Emergencies

FCC staff are not authorized to administer any medication (prescription or non-prescription) to students.

If medication must be taken while the student is on campus, the parent/guardian is responsible for coming to campus to administer the medication.

Written authorization from a physician and parent/guardian is required for students who carry an epi-pen or inhaler. Please call 301-846-2661 or email kidsoncampus@frederick.edu for the required form. In an emergency, trained staff will administer epi-pens or inhalers provided by students.

In emergencies requiring immediate medical attention, your child will be taken to the nearest hospital emergency room. Your signature on the Emergency Contact Form authorizes the responsible person at Frederick Community College to have your child transported to that hospital.

Medical Treatment

Staff take all reasonable measure to ensure the safety of the children in the Kids on Campus & Teens on Campus program and provide appropriate supervision at all times.

Scraped knees, nose bleeds, bee stings, and other injuries occasionally happen. KOC/TOC staff will follow the State regulations for minor injuries. The regulations state that staff can treat injuries with soap, water, ice and bandages. If a child is injured or feeling ill, KOC/TOC staff will bring the individual to the KOC/TOC office for treatment and/or a short observation. All incidents are logged in the KOC/TOC health log and parents receive an email describing the minor injury and treatment.

If a child feels ill, staff will assess the situation and determine if the child can return to class or should leave for the day. If the child needs to leave class because of illness or more serious injury, the parent will be notified and is expected to pick up their child immediately.

If FCC or KOC/TOC staff deem a situation an emergency, staff will immediately call 911 for medical assistance and/or transport, then notify the parent as quickly as possible.

Special Accommodations

Frederick Community College makes every effort to accommodate individuals with disabilities for College-sponsored events and programs. If you have accommodation needs or questions, please call 301-846-2408. To request a sign language interpreter, please visit <http://fcc-interpreting.genbook.com>. If you have interpreting related questions, please email Interpreting@frederick.edu. Sign language interpreters will not be automatically provided for College-sponsored events without a request for services. To guarantee accommodations, requests must be made at least five workdays in advance of a scheduled event.

Money

Please do not provide money for your child to spend at FCC. Students will not have opportunity to purchase food or other items on their own while on campus.

Marketing/Campus Photography

As Frederick Community College is a public institution, students, employees and visitors may be photographed or videotaped and appear in marketing materials without prior permission. To that degree, children may be photographed or videotaped while at FCC. If you wish to have your child(ren) excluded from these activities, please indicate this request on the KOC/TOC Emergency Contact Form.

Cancellation Policy

If your child will not be able to attend a course, please notify us immediately. If notification is received by close of business the Monday prior to the start date of the class being dropped, there will be a 100% refund of class fee. For any refund request received after that Monday before the class start date, there will be no refund. Requests to drop a class must be made via email at cerequest@frederick.edu or in person. Requests for drops or refunds left on voicemail will NOT be processed. You must include the student's name, course name, start date and time. Refunds will not be made for non-attendance.

Discipline Policy

Children are expected to behave in a friendly, cooperative manner toward fellow classmates, instructors, assistants and FCC staff. FCC reserves the right to dismiss any child displaying excessive poor behavior which might jeopardize his/her own or the safety, experience or welfare of others. Refunds are not issued for children dismissed from a program for disciplinary purposes.

FCPS Disclaimer

These materials are neither sponsored by nor endorsed by the Board of Education of Frederick County, the superintendent, or this FCPS school.

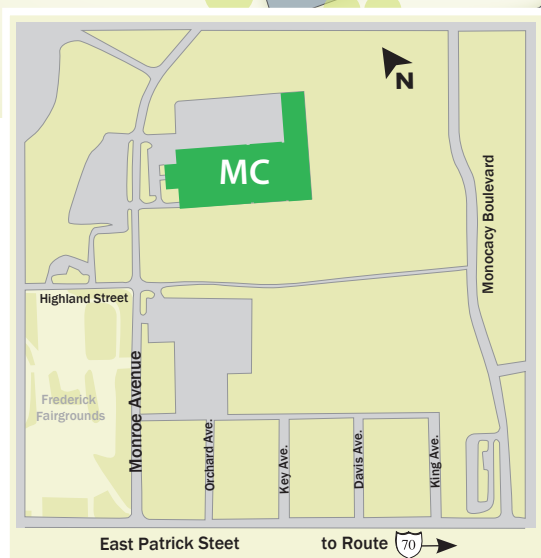
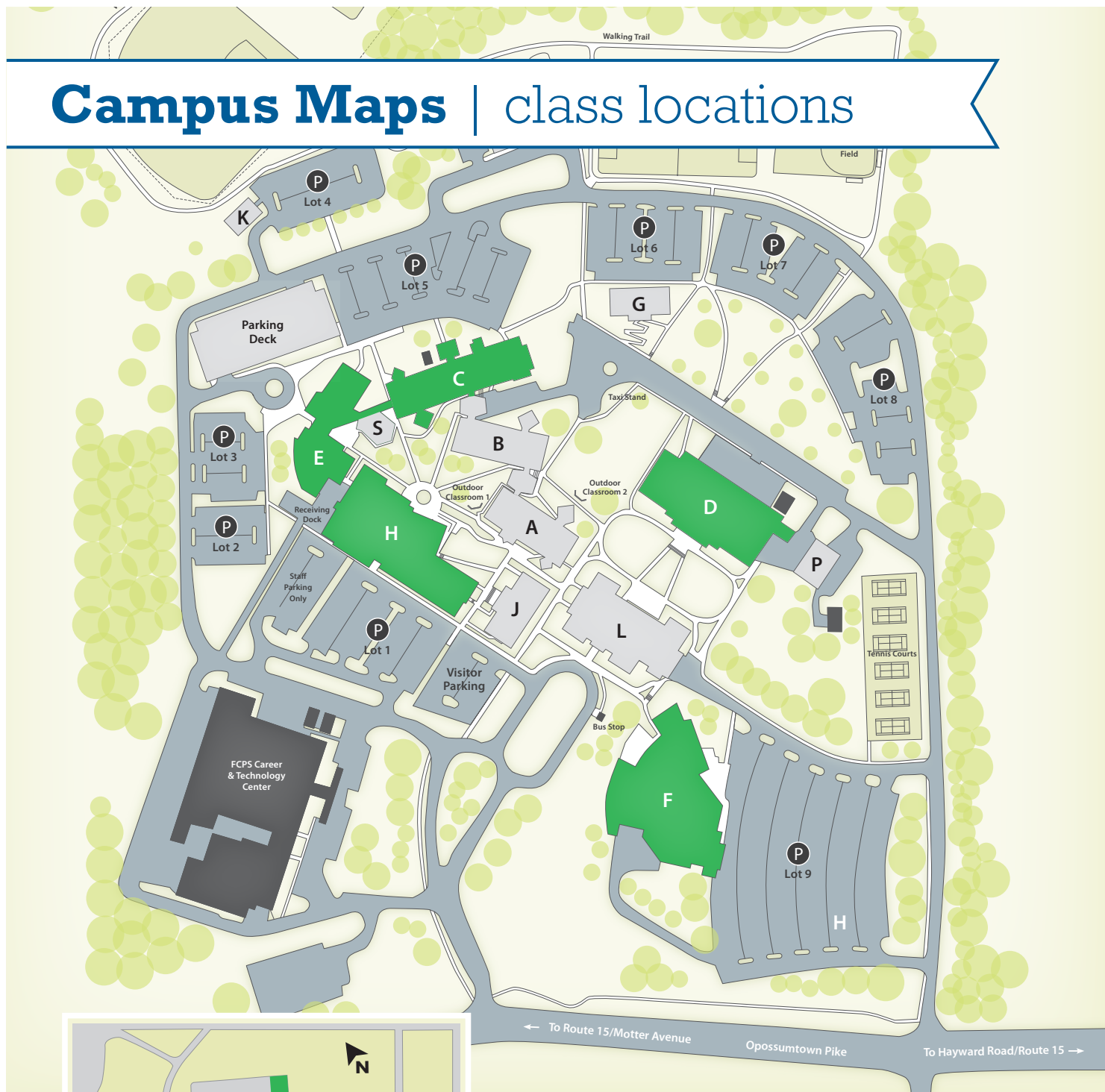
Registration

Register online at frederick.edu/QuickEnroll. If you need assistance registering, contact us by phone at 301.624.2888, via email at cerequest@frederick.edu, or visit our registration office in Jefferson Hall.

Class Locations

A majority of classes take place in Building E (Conference Center) and Building F (Visual & Performing Arts Center) while others are held at various locations on campus. A map is located on page 28 to assist parents and guardians with locating classrooms (see class descriptions or receipt for exact classroom numbers) and determining the best place to park. Additionally, our staff will be in both the Conference Center and the Visual & Performing Arts lobbies to help guide anyone needing further assistance in locating a classroom. Class locations are subject to change. Please visit frederick.edu/QuickEnroll to confirm your class location.

Campus Maps | class locations



LOCATION KEY

FCC Main Campus

- C Building » Catoctin Hall
- D Building » Athletics Center
- E Building » Conference Center
- F Building » Visual & Performing Arts Center
- H Building » Student Center, Cougar Grille

FCC at the Monroe Center

200 Monroe Avenue
Frederick, Maryland 21701
240.629.7900

Visit frederick.edu for directions.

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Frederick Community College

Youth Programs

7932 Opossumtown Pike

Frederick, Maryland 21702

NEW!

SPARK YOUR CURIOSITY

Middle and high school teens are invited to explore future career interests in one or more weeklong programs at the Monroe Center this summer.

July 8 - August 2 • 9:15 a.m. - 12:15 p.m.

Master 3-D design, cook with professional chefs, gain real-world carpentry skills, dig into horticulture careers, and more.

frederick.edu/spark • 301.846.2661



Frederick Community College

Teens meet Monday through Friday in fully-equipped labs at the Monroe Center to participate in supervised, career-oriented activities in a safe hands-on learning environment.

