

S.O.A.R 2025 Course Catalog

All Classes Held at Montgomery High School

NO CLASSES ON:

Friday July 4th



Academic Courses	Pages 2-17
Interested Based Courses	
Public Speaking, Piano, Coding, Science Olympiad, Dungeons & Dragons, Robotics, Forensics	Pages 15-22
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When looking at classes, please look at your child's **CURRENT 2024-2025** grade level. These will be the classes that will best suit their needs, unless otherwise noted in the class description.

Please be advised....Once you have signed up for a course there will be **NO REFUNDS if you cancel your registration. Refunds will **ONLY** be given if a class is cancelled due to enrollment numbers not meeting 10 students. **** If classes are refunded we will ONLY be able to refund for the amount for the class and NOT the convenience fee of either 4.5% for credit card or \$1.75 for online check****

Academic Courses K-12:*

8:00-11:30am

Get Set for Kindergarten! Entering Kindergarten Fall 2025

Instructor: Laura Boss, Laura Fernandez or Chrissy Vallese

Session 1: July 14-18th

Session 2: July 21-25th

\$200

You may sign up for 1 or BOTH weeks!

Come join us for an exciting opportunity for children entering Kindergarten. Children will be engaging in social-emotional and academic activities while they explore kindergarten concepts such as fine and gross motor skills, letters and sounds, and numbers. Students will be given the opportunity to participate in hands-on activities while learning through play and kinesthetic movement. Children will also learn to work together and become part of a learning community as they participate in responsive classroom activities. All of these skills will benefit your child as they enter the new school environment making their transition into kindergarten much easier and less stressful!



Kindergarten Wrap Up: Playing and Learning with Books that we love!

Entering 1st Grade Fall 2025 ***9 day Session***

Instructor: Laura Boss and Laura Fernandez, current OHES Kindergarten & Academic Support Teacher

June 30-July 11th

NO CLASS July 4

\$360- 9 Day Session

Come join us for a FANTASTIC opportunity for children entering first grade. We will be engaging in exciting activities that focus on social emotional and academic growth for our future first graders. Children will work together and become part of a learning community as they participate in responsive classroom activities. The class will also focus on key first grade concepts such as reading and comprehension strategies, writer's workshop, and number sense. We will also be doing a lot of learning through movement to keep the children active!

Your child will get an awesome opportunity to continue to grow in their writing, reading, and math skills to prepare them for first grade!

Disney---Full STEAM Ahead! Grades K-1

Instructor: Juli Santoro 1st grade teacher and Kia Santoro Kindergarten teacher

July 14-18th

\$200

Join us for Disney STEAM week! We will use a variety of Disney movies to construct a day filled with STEAM activities. This will be a play based day of learning with hands on critical thinking activities. We will be working on thinking, building, crafting, fine motor skills, independence, creativity and fun. Each day we will read a book and connect it to a cooperative learning task, all based on a Disney theme! Come to SOAR and have fun with us!

Building our skills in Reading, Writing & Math! Grades K-1

Instructor: Eric Sletteland

3 Sessions Offered:

Session 1: June 30th-July 3rd (\$160)

Session 2: July 7-11

Session 3: July 21-25th

\$200 per week

You may sign up for 1,2, or all 3 weeks! This course is all about getting hands on involved, gaining confidence and having fun with reading, math and writing. What is more important than retaining the strategies and skills we have learned so far, except building upon them? I'll meet your child's literacy and math needs while building on your child's individual strengths and needs. This course will be differentiated and therefore appropriate for children leaving kindergarten, entering first grade or those that would benefit from continued instruction and revisits to strategies and skills that we utilized in first grade. The class will include time for reading instruction, math and writing every day. This course will engage the children in learning opportunities that address the concepts of the common core. You can expect that your child will work on reading skills that include: word attack strategies, decoding, sight words, comprehension and fluency through daily exposure to new appropriate books (non-fiction and fiction texts) guided reading, Read Alouds, poetry, phonics, vocabulary, written daily journal entries and Reader's Theater. Your child will work daily on math concepts that include: Building number sense, addition and subtraction strategies, addition and subtraction equation solving, money, time, skip counting, all through games and using fun technology and hands on manipulatives. Additionally, our day will include time for writing in various genres; narratives and informational pieces following a mini lesson and personal writing conferences. There is an emphasis on creating a course community of trust and support to encourage risk taking and collaborative work, all while having fun.

Get Ready for 1st Grade! Entering 1st Grade Fall 2025

Session 1: June 30-July 7th

Session 2: July 14-25

Instructor: Emily Scott and Kelsie Agron

No Class July 4th

Session #1- (Prorated \$360)

Session #2- \$400

Are you excited to be a first grader? We will be engaging in the world of math, reading & writing! Let's have some fun working on a little bit of everything! Come join us this summer for an exciting opportunity for current first grade students! Children will engage in lessons, games, and activities that are cohesive with the K-2 curriculum to help us sharpen up our academic understandings for the next school year. We will continue to grow our reading, writing, and math skills, and also build our social emotional awareness. Children will have an awesome summer experience full of learning and fun!

SOARING Through First! A review of 1st grade foundational skills Current 1st Graders

June 30-July 3rd

No Class July 4th

Instructor: Stephanie Shaffer Obe (1st Grade Teacher) & Patricia Abiad (Academic Support Teacher)

\$200 per week

Come be a part of our first grade community for a week of fun and learning! We will review reading, writing, and math readiness skills to get ready for second grade in September. We will also do some fun crafting and outdoor games and activities to promote creativity and team building! Hope to see you there!

Reading Garden: Grow your Reading- Entering Grades 1-2 in 2025

Instructor: Lauren McKenna

July 7-18th

\$400

A class that will dig deep into the five big ideas of reading: phonemic awareness, phonics, vocabulary, comprehension, and fluency. Students will learn in a developmentally appropriate environment using hands-on materials, games, and literature in order to blossom as a reader.

Magnificent Math with a Growth Mindset- Entering Grades 1-2 in 2025

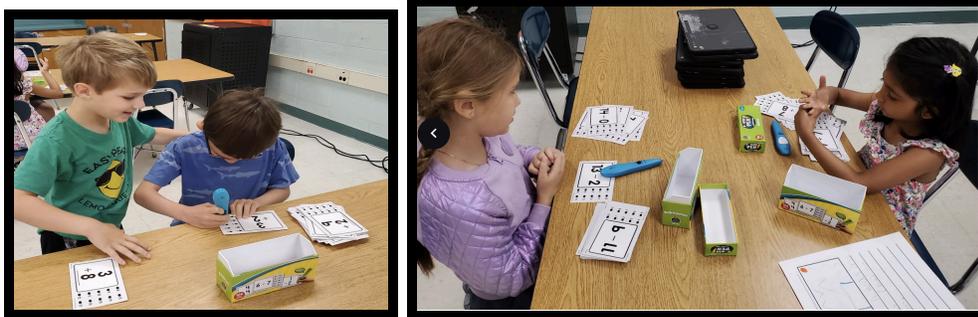
Instructor:Lauren McKenna

June 30-July 3rd

No Class July 4

\$160

Students will be able to develop their mathematical thinking, explore number concepts, and practice computation fluency while playing fun, exciting, and strategic math games. Playing games helps children learn how to deal with disappointment, persevere through hard tasks, and change that fixed mindset into a growth mindset.



STEAM Ahead in Reading & Writing- Entering Grades 1-2 in 2025

Instructor:Lauren McKenna

July 21-25th

\$200

An integrated approach to reading and writing that will engage all types of learners using elements of science, technology, engineering, arts, and mathematics. Using well known literature, children will be able to utilize their strengths to help them in the areas of reading and writing. This course is a motivating block of time that will excite learners in collaborative ways as they take a deep dive into Language Arts.

Art & Mindfulness Grades 1-3

Instructor:Kaitlyn Merritt

2, 1 week sessions offered (July 14-18th OR July 22-25th)

\$200

Art & Mindfulness will blend opportunities for artistic expression with the practice of mindfulness. Mindfulness is the act of being aware of your own feelings, and developing strategies to work through them in a productive and purposeful way. Students will learn to use this skill set to build their emotional-regulation and self-esteem both inside and outside of the classroom. Topics will include self-love, deep breathing, yoga, and more. We will incorporate art projects to express ourselves, get creative, and have fun!



Prepping for 2nd Grade (current first graders)

Instructor(s): Nicole Coffey & Laura Sapnar

July 7-11

July 14-18

July 21-25

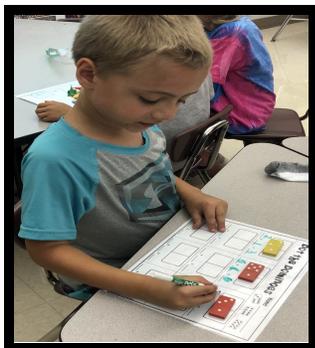
200.00 per week (Can attend 1,2, or All 3 weeks)

Attention rising second graders! Come join us in Prepping for 2nd Grade! This class will review first grade skills in reading, writing and math to help ensure you are ready for second grade! Come learn with experienced teachers who have worked in Kindergarten and First Grade for 20+ years. If you are ready to read fun stories, sharpen your writing skills and play math games, sign-up now! Sign up for 1, 2 or 3 weeks. See you in July!

Week of July 7-11 with Mrs. Coffey

Week of July 14-18 with Ms. Sapnar & Mrs. Coffey

Week of July 21-25 with Ms. Sapnar & Mrs. Coffey



Fun with Book Creator & Pixton - Current Grades 2-3

Instructor: Gena Leimbacher

1 week, July 14-18th

\$200

Book Creator is an amazing application that helps students create stories through multiple mediums - drawing, writing, video, and much more. We will explore graphic novels in Epic Reader and discuss how the author and illustrator communicate to their reader through their collaboration. We will then create our own graphic novels with the use of the book creator tool (they have even incorporated AI drawing for those who might see it but aren't able to recreate it). The students will also get to explore the amazing graphic novel app called Pixton. In this app students can create stories using pictures and speech bubbles. At the end of the class, we will publish and share our successes. In this class, students will use Epic books to help them research one subject, i.e. animals, insects, weather changes, and more. Then

we will use this information from multiple books to make a tell-all about the subjects we studied. Book Creator is an amazing platform that allows students to express their writing through multiple mediums (drawing, videos, diagrams, and more).

STEAM: Alexander Calder's Magical Mobiles - Current 2nd Grade

Instructor: Jaimie Scott

June 30-July 3

No Class July 4th

\$160

Second graders will continue their learning over this 4 day mini-camp by combining Science, Engineering, Art, and Math into a week of exploration. We will learn about Alexander Calder, the mobile man (American sculpture and the originator of the mobile) and use concepts such as balancing and geometry to create mobiles. Calder was also well-known for his monumental stationary sculptures called stabiles. Students will continue their learning of Calder by creating their own stabiles out of playdough and straws. Students will be learning about symmetry, design, and decision making needed to successfully create mobiles.

Quick Science! Let's Experiment! Grades 3-5

Instructor: Anthony Tito

June 30-July 3rd (No Class July 4th)

\$160

Welcome to the world of science! We will spend our time together by understanding some necessary information and skills to succeed in science in 3rd, 4th, or 5th grade. Then after a short amount of learning, we get into fun experiments about the topics! Our topics will be Variables, Biology, Weather and Space, Forces and Waves. We will do fun experiments like paper airplane testing, how different conditions can affect eggs, activities to get active, and more! If you like learning about how the world works, testing different experiments, or just looking for a hands-on and interactive camp, then this is the camp for you!

Science Readiness, Fun Experiments, and More! Grades 3-5

Instructor: Anthony Tito

July 14-18th

\$200

Welcome to the world of science! We will spend our time together by understanding some necessary information and skills to succeed in science in 3rd, 4th, or 5th grade. Then after a short amount of learning, we get into fun experiments about the topics! Our topics will be Variables, Biology, Weather and Space, Forces and Waves. We will do fun experiments like paper airplane testing, how different conditions can affect eggs, activities to get active, and more! If you like learning about how the world works, testing different experiments, or just looking for a hands-on and interactive camp, then this is the camp for you!

Let's Get Ready for 3rd Grade!

(Current 2nd Grade Students preparing for 3rd grade in Sept.2025)

Instructor: Jess Roberts

4 weeks, June 30-July 25th (No Class on July 4th)

You may sign up for 1,2,3 or more weeks, please contact SOAR@mtsd.us for this option.
\$760

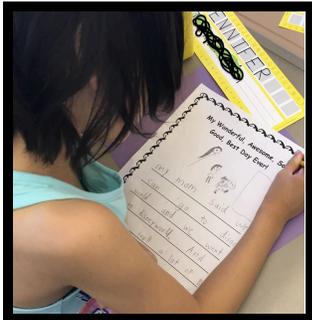
Come join us for a chance to REV up for 3rd grade with a RECAP of 2nd grade! Students will review 2nd grade math, reading and writing concepts to expand and solidify those skills before heading to VES in September! Concepts that will be covered include: addition and subtraction, place value, word problems, counting money, graphing, reading and listening comprehension, reading fluency, word decoding, opinion, personal narrative and fiction writing, along with grammar and writing conventions. Students will have the opportunity to work in both small groups and independently, both of which will allow them to work at their own, individualized pace.

Skill focus By Subject:

Math - Addition and subtraction with and without regrouping, word problems, telling time, counting money, graphing, measurement

Reading - reading and listening comprehension, fluency, decoding

Writing - Review of the 2nd grade writing units (opinion, personal narrative, fiction), writing conventions



Dash Robots! Let's Get Coding! - Current Grades 2-3

Instructor: Gena Leimbacher

2, 1 week sessions offered

July 7-11

July 21-25

\$200.00

This class will serve as an introduction to coding. The students will work in blockly to figure out puzzles, build stories, and more. The students will work in the programs of code.org and scratch. We will also explore different coding functions through games and stories. We will also be able to look at and explore reading stories and using different types of coding robots to go through mazes and even retell stories. This is a basic course that helps students to gain exposure to coding and have fun problem-solving through coding puzzles.



Financial Literacy- For Kids! Grades 3-4

Instructor: Jenn Snyder

1 week, July 14-18th

\$200

Literacy can be applied to more than just reading and writing! Literacy is being knowledgeable in a specific area or content. In a world where society is driven by finances, there is no better time to engage students in the value of money and how income and credit work! In this course, students will learn what it means to be financially literate while they make decisions to balance money based off of income, decide on how to spend money, save money, and how to use credit.

ART and WRITING!!! Grades 3-4

Instructor: Trish Pignataro

June 30-July 3rd (4 days)

No class July 4th

\$200

Let your creative juices flow! This week we will be creative with paint, clay, crayons, markers and more! We will take the time to write about our interests, create fictional characters and explore poetry! Our writing will be inspired by our drawings, clay creations and imaginations! Join us for a week where we will get our hands messy and our minds flowing!

Fun with Math & Games! Grades 3-4

Instructor: Trish Pignataro

July 7-11th

\$200

Does your child love math? Does your child struggle with math? Now is the time to engage your child in fun math activities while giving them the opportunity to have fun while learning and building confidence. Join us while we play, draw, practice and exercise our way through many different math topics. We will touch on the skills of multiplication and division facts, basic geometry including shapes and angles. We will explore fractions and word problems in addition to an introduction to long division and multiplication. A great opportunity for your

current 3rd grade to get a peek at what is coming in 4th grade, and a great opportunity for your 4th grade to fine tune their skills before conquering 5th grade.

Reading Adventures! Grades 3-4

Instructor: Trish Pignataro
2, 1 week sessions offered
Session #1: July 14-18
Session #2: July 21-25
\$200 per week

Get ready for a summer full of stories, creativity, and adventure! This **Reading Camp** is designed for young book lovers who want to dive into exciting worlds, unleash their imaginations, and bring their favorite stories to life. Each day will be packed with engaging activities that celebrate the magic of reading and storytelling, including:

 **Book Discussions** - Share your thoughts, ideas, and favorite moments from exciting books with fellow campers...

 **Storytelling Sessions** - Listen to magical tales told by expert storytellers and even try your hand at storytelling!

 **Book-Themed Crafts** - Create bookmarks, story-inspired art, and other literary-themed crafts.

 **Outdoor Reading Challenges** - Enjoy stories in the fresh air with exciting outdoor reading activities.

 **Dramatic Readings** - Bring stories to life with expressive and theatrical readings.

 **"Build-Your-Own-Book" Activity** - Design your very own book cover and write a short story to take home

Camp Learn A Lot! : Grades 3-5

Instructor: Jenn Snyder
1 week, July 7-11
\$200

Summer is the perfect time to go camping, but it's also the perfect time to keep up the motivations and stamina in learning! Come have the best of both worlds! Students spend September-June building their knowledge of the world around them through reading (books and podcasts!), writing, math, and SCIENCE, who why not come to Camp Learn-A-Lot to keep that momentum going? We will dedicate time each day to reading, writing, and mathematics; all the basics. But we will also take time to explore the world around out "camp" through science experiments! No more watching science videos from the couch. We will get up and do them!

Debate it Out-Grades 4-6

Instructor: Joanne Giambertone
1 week, July 14-18

\$200

Students will engage in discussions of current student relevant issues and work collaboratively to research topics and prepare for evidence supported debates.

Students will practice both active listening and effective communication, research skills and development of evidence supported ideas.

Write [GRAPHIC NOVELS] from the Heart Grades 4-7

Instructor: Jenn Snyder

1 week, July 21-25

\$200.00

Many students hate writing, which is code for "this is hard". In this course, students will work on their writing skills by starting with what is in their heart, what they have to share with the world. We will focus on the writing process - drafting, revising, editing - so that students experience that writing is about a process not about the final piece. Much like sports, hobbies, and other areas, writing is about goal setting, and the only way to get better is to practice, practice, practice.

Math and Reading Workshop Grades 4-5

Instructor: Michelle Barbarasch

3 weeks, July 7-25th

Can sign up by weeks at a time for \$200 per week (Please contact Soar@mtsd.us)

\$600

This course will offer 4th and 5th graders an opportunity to build their reading and math skills! In reading, the students will be working on a variety of reading strategies to help elevate their level of thinking, while reading a range of high interest books. The students will also partake in an engaging, fun, and collaborative book club that will involve conversations around the characters, vocabulary, themes, lessons, and interpretations of the books. This course will also provide students an opportunity to reinforce their comprehension skills in mathematics. Concepts of division, multiplication, fractions, addition, and subtraction will be practiced through interactive games, and word problems. A strong focus will be on students' ability to use problem solving strategies to conquer word problems. My goal is for the students

to walk away with skills that they can transfer to their upcoming school year. I look forward to a great summer!



Math Word Problems: Understand, Solve, Show Thinking for Grades 5-6

Instructor: Joanne Giambertone
July 7-11
\$200.00

Math word problems are an important component of math instruction and testing. In this class students will learn and practice strategies to analyze and think through word problems so they can effectively apply learned math skills to solve them. This class is for students entering 5th and 6th grade.

Book Clubs: Read, Think, Discuss Grades 5-8

Instructor: Joanne Giambertone
1 week, July 21-25
\$200.00

Through the analysis of short stories, students will have an opportunity to practice and strengthen effective book talk to encourage interpretation of evidence supported literary ideas, communication and discussion.

Math Workshop---Get Ahead of the 5th and 6th Math Curve! (Entering Grades 5 & 6)

Instructor: Meghan Murphy
July 14-18
\$200.00

Fifth grade begins the school year with place value and this class will give students a way to confidently start the year! Students will play games to review and become more fluent with math facts for all operations. Being fluent with math facts makes everything easier in fifth grade math! We will also spend time reviewing place value skills including expanded form and previewing exponential form with base 10. Place value will cover whole numbers up to billions and decimals to thousandths.

Sixth grade starts with a review of all operations with fractions and decimals. Students will play games and receive practice on topics such as decimal place value, whole number computation, decimals, fractions, and word problems in a focused, small group environment. We will also work in fun ways to further solidify fact memorization. Students will focus on becoming more fluent with computation and word problems.

This will help students to better prepare for the next level of math. Engaging STEAM challenges will be offered at least once a day, too. This is a preview or review of math at the Lower Middle School (grades 5 & 6).

Vocabulary, Grammar, and Spelling made easy! Grades 5-8

Instructor: Enrica Pirone

June 30-July 3

No Class July 4

\$160.00

Is your vocabulary lacking? Do you want to add to your vocabulary while understanding how words work? Come and join us to learn new vocabulary and techniques to help you understand how to break down words and how to understand words when you come across them and can't figure out what they mean and how they are being used!! But we don't just stop there--Do you always confuse certain words and their meanings? Do you mix up your punctuation, spelling, and other parts of the English Language? Come and learn the tricks to leave you unconfused about so many parts of the English language that aren't as confusing and tricky as you think!!

Solve It, Read It, Write It, Done! Grades 5-8

Instructor: Enrica Pirone

July 21-25

\$200.00

Get your summer reading finished in one week! We will also do an hour of Math and one hour of writing each day. Don't let your skills disappear over the summer. Read it, write it, and solve it to keep your mind sharp!

Digital Storytelling Grades 4-8

Instructor: David English

1 week, July 7-11th

\$200

Digital interactive stories combine the engagement of video games with the compelling narrative power of the written word. Discover interactive fiction and learn the basics of the software platform "Twine", so you can write and code your own stories. Add graphics and sound to create elaborate interactive worlds for others to explore.

Twine is an open-source tool for telling interactive, branching stories where users can choose their own adventure. The visual editing platform requires no prior coding experience, but integrates easily with more advanced web-development languages as the student grows in confidence and creative vision.

Preview to Math 7 Students entering Math 7 in 25-26

Instructor: Michael Razzoli

July 14-18th

\$200

The Preview to Math 7 course will cover essential topics to ensure success in Math 7. Math 7 will delve into various areas, including:

- Operations with Integers, Fractions, and Decimals
- Algebraic Expressions
- Equations and Inequalities
- Probability
- Percents
- Proportions and Ratios
- Statistics
- Intro to Geometry

Join us as we explore these fundamental concepts to prepare you for Math 7 and beyond.

Preview to Math 8 Students entering Math 8 in 25-26

Instructor: Michael Razzoli

July 21-25th

\$200

The Preview to Math 8 course will cover essential topics to ensure success in Math 8. Math 8 will delve into various areas, including:

- Numbers and operations
- Solving equations
- Pythagorean theorem and distance
- Functions
- Linear equations
- Systems of equations

Join us as we explore these fundamental concepts to prepare you for Math 8 and beyond.

9th Grade English Prep - Get Ready to Start Off on the WRITE Foot! Going into 9th September 2025

Instructor: Deb O'Reilly

2 Weeks, July 14-25

\$400

This class will preview high school level expectations for critical reading and essay writing. Students will complete a summer reading book while practicing written responses using the format English teachers will use in 9th grade. Topics will include writing an effective thesis statement, essay organization, MLA format, and more. Get a jump on these skills before you get to high school and feel more confident transitioning to 9th grade! **PLEASE NOTE: This course is NOT for 9th graders going into Honors; they are reading a different book!

Interest Based Classes K-12:*

**Public Speaking, Piano, Coding,
Science Olympiad, Dungeons & Dragons, Robotics,
Forensics and more!**

8:00-11:30am

Learning to Play the Piano Grades PK-12

Instructor:Chris Aggabao

19 sessions, 30 minutes a day.

PRIVATE 1:1 Sessions

June 30-July 25th

\$760

This course will teach the basic fundamentals of the piano intended for beginner students. The course will be a one on one class taught by Chris Aggabao and will be held at LMS in the music room for 30 minutes.

Mr. Aggabao holds a Masters Degree in Piano Pedagogy and Performance from Westminster Choir College of Rider University. In addition to SOAR, Mr. Aggabao teaches piano at his private studio and is a paraprofessional (teacher assistant) in Band, Choir and Unified Music at UMS. Mr. Aggabao is also a member of the Music Teachers National Association.

Public Speaking Grades 1-5

Instructor:Chris Capelli

June 30-July 3

No class July 4

\$250.00

Even if you do not regularly have to present in front of groups, public speaking is one of the greatest skills a person can possess. Unfortunately for many it is also one of the most anxiety producing experiences a person can have. This course is designed to help students develop confidence and skill in public speaking. Whether you are just beginning your public speaking

adventure or just want to improve your speaking skills, this is the course for you! It will involve an assortment of oral presentation experiences, including storytelling, personal experience, impromptu, informative, and persuasive speaking. We will also focus on anxiety management, speech design, and dynamic delivery. Transform nervous energy into enthusiasm - Join today!



Video Game Fitness Class Grades 3-4

Instructor: Andrew Martinez

Two 1-week sessions offered

Session #1: July 14-18

Session #2: July 21-25

\$250.00

Video games are FUN... but did you know you can use video games to work out, learn rhythm, AND have fun??? Get ready to tap into your inner gamer and strengthen those muscles and music skills!

In this class, students will be movin' and groovin' with interactive, family-friendly Nintendo video games. Students will learn and practice basic rhythm using their full bodies, with on-screen prompts and guides. They will move, dance, pose, and more to a fun assortment of Nintendo-themed screens, games, and music. Students will also learn and practice basic exercises, such as jabs, uppercuts, squats, and lunges. These will be strung together to create workouts sessions. In between active periods, students will unwind with stretching routines and learn about health and fitness basics such as calories, heart rate, and more.

Everything learned here can help to create and strengthen existing rhythm and exercise skills. There will be a focus on proper form and technique, especially for the workout moves and stretches, so students are aware of the proper way to execute each one and understand the risks of doing them incorrectly.

Make sure to come dressed for a good workout! Proper athletic clothes, snacks for nourishment, and plenty of water are a MUST. Hand towels would be a good idea too, as students WILL get sweaty on this ride!

Intro to Dungeons and Dragons Grades 3-6

Instructor: Anthony Tito

2, 1 week sessions offered **May sign up for both**

Session #1- July 7-11

Session #2- July 21-25

\$200.00

Welcoming all adventurers to the world of Dungeons & Dragons! In this program, we will learn how to start, play, and end a campaign (adventure) in the world of Dungeons & Dragons. Kids will create a magically-inspired medieval character to role play as they face challenges interacting with the world, including talking, shopping, stats, and combat. Examples of character classes can be a Barbarian (combat focused), a Druid (the ability to turn into animals), Wizard (can cast many different kind of spells), and Cleric (healer).

Dungeons & Dragons is a tabletop, role playing game, where dice control whether or not certain actions succeed or fail. It is a great game for kids to learn and enjoy without the need of a screen. If your kid enjoys role playing games, dice games, or just wants to be immersed in a fantasy medieval world, this is the perfect program to attend!

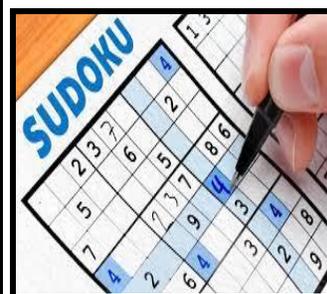
Strategy Building Through Games! Grades 3-8

Instructor: Rob Bucci

July 24-28

\$200.00

In this week-long class, students will learn a variety of strategy based games including indoor games like sudoku, logic grids; board games- Settlers of Catan Anyone? How about Carcassonne and Chess!, puzzles, and possibly some outdoor games--Get ready for cornhole and ladder golf, human knots and more!. Not only will we learn to play, but we will learn to play SMART!



Junior Science Olympiad Camp Current Grades 4-5

Instructor: Meghan Molinaro

1 week session offered

July 7-11

\$300.00

Join our Junior Science Olympiad Camp for an exciting journey where budding scientists engage in hands-on building challenges and explore scientific concepts. Students will work collaboratively to create rollercoasters, planes, bridges, and a rubberband-powered car. Students will also explore the areas of life science, physical science, and earth science concepts needed for Science Olympiad competitions. Our young scientists will compete in a mini Science Olympiad competition at the end of the week. Leveraging the STEM Explore It! Program, our curriculum fosters scientific thinking, discovery, and problem-solving abilities, empowering participants to excel in the dynamic fields of science and engineering.

Please note that by attending this summer course it does NOT mean placement on the Science Olympiad team.



Create Your Own Business Grades 4-8

Instructor: Cory Weingart

2, 1 week offerings

Session #1- July 7-11

Session #2- July 21-25

\$250.00

Does your child ever dream of owning their own business? In this hands-on course, students will explore the fundamentals of starting and running a business from the ground up. From choosing a business idea to developing a comprehensive business model, students will gain practical experience in entrepreneurship through engaging simulation games and trivia. This course is ideal for aspiring entrepreneurs who want to turn their business ideas into reality.

Key topics include:

Business Planning - Researching and selecting a viable business concept, writing a detailed business plan, and identifying target markets.

Real Estate Acquisition - Evaluating and purchasing commercial property suitable for their business needs.

Financial Management - Creating a realistic budget, managing daily earning expenses, and forecasting revenue.

Procurement & Operations - Purchasing necessary supplies and equipment to support business operations.

Marketing & Promotion - Designing business branding, advertisements, and promotional materials to attract customers.

CSI Montgomery Grades 4-8

Instructor: David English

1 week, July 14-18

\$200

You will spend the week exploring and analyzing a simulated crime scene, working with fellow investigators to help solve a crime. Learn the skills of real forensics investigators - lift fingerprints, collect and analyze fibers and microscopic traces, and explore witness testimony. Students develop their critical thinking and STEM skills in a series of engaging,

hands-on exercises. No prior experience is necessary but an interest in science-based detective work is welcome.

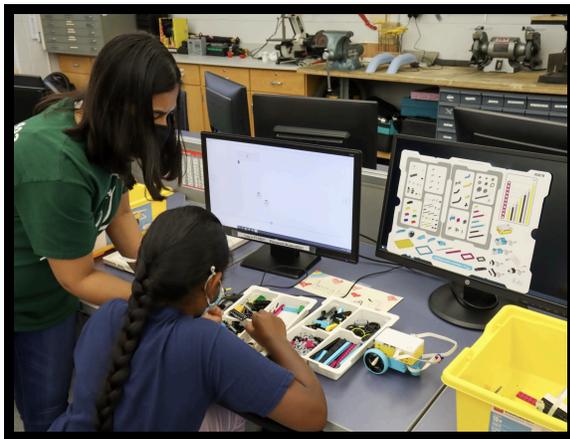
Intermediate Engineering and Coding Camp Grades 5-6

Instructor: Nick Mylowe

1 week, July 14-18

\$300.00

This week-long camp is designed to introduce Grade 4th, 5th, 6th grade students into the world of Engineering, coding and robotics. Students will have the opportunity to build and program a robot to autonomously compete in a series of design challenges based on real world issues. The Lego Spike Prime Robotics System will be utilized in this course and each student will have a computer to program their solutions to the design challenge. Students will be divided into 2 member teams and will learn to work together using team building activities. The week will be filled with challenging activities to promote STEM concepts, creative thinking and basic programming skills.



Senior Science Olympiad Camp Current Grades 6-8

Instructor: Meghan Molinaro

2- 1 week sessions offered

Session #1- July 14-18th

Session #2- July 21 - 25th

\$300.00 (Both sessions are the same, please do not sign up for both sessions)

Calling all Upper Middle School students eager to enhance their Science Olympiad skills! Join our Science Olympiad Camp for an immersive experience where participants gain experience

in preparing and competing in Science Olympiad-styled events. Participants will engage in hands-on building competitions like designing vehicles, bridges, and roller coasters. Students will also explore the areas of life science, physical science, and earth science concepts as they prepare for a mini Science Olympiad testing event. Leveraging the STEM Design It! Program, our curriculum cultivates scientific thinking, discovery, and problem-solving skills. Students will collaborate with peers and compete in a mini Science Olympiad at the end of the week.

Please note that by attending this summer course it does NOT mean placement on the Science Olympiad team.



Video Making 101 Grades 6-12

Instructor: Rob Bucci

July 14-18th

\$200.00

Attention video makers! Take your Youtube and TikTok talents to the next level and learn how to produce a high quality videos from start to finish. Students in this course will complete several short video projects and learn the basics of planning, production, and editing.

Public Speaking- Middle School Grades 6-8

Instructor: Billy Dawson

2 Sessions:

Session #1: June 30-July 11th

Session 2: July 14-25th

No Class July 4

\$425.00

Often, public speaking is thought of as having to stand in front of hundreds of people and deliver a lengthy speech. This course aims to dispel that notion by instructing within specific use-case scenarios. Learning how to speak to both large and small groups creates a level of self-confidence - and a skill - that can never be taken away, and will be useful in many ways throughout the remainder of school and into professional careers.

This eight day course is focused extensively on extemporaneous speaking, for both persuasive or informative goals. Students will learn basic body and breathing techniques, research and preparation best practices, and finally how to confidently organize and deliver a speech (persuasive or informative) to groups both small and large. If time permits and the students confidently grasp the extemporaneous material, additional instruction in prose, poetry, dramatic and humorous interpretation may be visited, as the students wish. Ultimately, the goal of this course is to provide students with the tools to speak up and participate confidently in class, in social settings, and at home.

Mr. Dawson's extensive training and award-winning experience in public speaking fueled his career as a journalist in two of the top 5 media markets, reporting traffic news on WABC in New York City, and today on KYW Newsradio in Philadelphia. Mr. Dawson's training in public speaking also helped his study as an actor. A member of the Screen Actors Guild (SAG) and the American Federation of Television and Radio Artists (AFTRA) with agency representation, Mr. Dawson has appeared in feature films and television shows.

Mr. Dawson is a former Texas regional champion of the University Interscholastic League, extemporaneous speaking, with further study in collegiate advanced public speaking.

Dungeons and Dragons-Basics; but still for experts, too! Grades 7-12

Instructor: Dr. Adam Hackel

1 week, July 7-11th

\$200/week

Hail young adventurers! The winter has given you time to rest and recuperate as we will be at it again this summer.

This first week is an intro to D&D, character building, and a beginner campaign, different from previous years, but similar in difficulty.

Adventures will be introduced to the Roll-playing game Dungeons & Dragons 5th edition. No equipment is necessary. Students do not need prior experience, but students with experience will be challenged. We will explore different campaign adventures, face gruesome monsters, and solve fantastic riddles or be turned into vanilla pudding, or chocolate if you prefer. Come Adventures to the realm of Dungeons and Dragons IF YOU DARE!!!

Email me if you have any questions ahackel@mtsd.us



Dungeons and Dragons Grades 7-12

Instructor: Dr. Adam Hackel

1 week, July 14-18th

\$200/week

Adventures will experience the Role-playing game Dungeons & Dragons 5th edition. No equipment is necessary. Students are expected to have some experience to participate in this activity, students with no experience are recommended to attend the Introduction week first. We will explore different campaign adventures, face gruesome monsters, and solve fantastic riddles or be turned into vanilla pudding, or chocolate if you prefer. Come Adventures to the realm of Dungeons and Dragons IF YOU DARE!!!.

Email me if you have any questions ahackel@mtsd.us

Dungeons and Dragons ADVANCED Grades 7-12

Instructor: Dr. Adam Hackel

1 week, July 21-25th

\$200/week

ADVANCED!! Taking D&D to the Next Level!! Adventures will experience the Role-playing game Dungeons & Dragons 5th edition. No equipment is necessary. Students are expected to have some experience to participate in this activity, students with no experience are recommended to attend the Introduction week first. We will explore different campaign adventures, face gruesome monsters, and solve fantastic riddles or be turned into vanilla pudding, or chocolate if you prefer. Come Adventures to the realm of Dungeons and Dragons IF YOU DARE!!!.

Email me if you have any questions ahackel@mtsd.us

Advanced Engineering and Coding Robotics Grades 7-8

Instructor: Nick Mylowe

1 week, July 21-25

\$300.00

This week-long camp is designed to challenge and introduce 7th, 8th grade students into the world of Engineering, coding and robotics. Students will have the opportunity to build and program a robot to autonomously compete in a series of different daily challenges based on real world issues. The Lego Spike Prime Robotics System will be utilized in this course. Each student will have their own computer and will have the opportunity to write solutions for the design challenges. Teams will compete amongst each other. Emphasis will be placed on programming of sensors for each design challenge. The week will be filled with different challenging activities to promote learning, teamwork and fun.

Interest Based Classes K-12:*
Dancing, Team Games, Ceramics, Crafts, Art Classes,
Digital Art, Cooking, Baking!
8:00-11:30am

Creative Movement and Dance Grades K-2

Instructor: Jackie Eisenmann

3- 1 Week Sessions.

Session 1: July 7-11

Session 2: July 14-18

Session 3: July 21-25

200.00 per week

In creative movement children will focus on storytelling and developing gross motor skills through dance. Children will learn storytelling through movement. They'll engage in a variety of movements—such as jumping, spinning, and stretching—while developing strength, coordination, and balance. Children will practice large muscle movements that support motor skills, such as running, reaching, and hopping, all while imagining exciting stories and bringing them to life. This class helps foster a sense of rhythm, creativity, and physical confidence. This unique program combines movement, creativity, and imagination to help your child develop essential skills while having fun. Through the exploration of dance and storytelling, children will not only improve their physical coordination but also strengthen their ability to express emotions, think creatively, and work together in a group setting.

Inspired Art - Artist Appreciation Students currently in grades 1-2

Instructor: Tyler Cuffie, OHES Art Teacher

June 30-July 3rd

No Class July 4th
\$275.00

Your “Little Artists” will explore and learn about some AMAZING famous artists and their works of art. These artists will be the inspiration behind the artwork your “Little Artist” will be creating. Some art mediums they will be using are: paper mache, paints, oil pastel, watercolors and various art tools. Here are some exciting artists we will explore: Keith Haring, Jeff Koons, Pablo Picasso, Jean-Michele Basquiat and Wassily Kandinsky!



Sculpt Your Art (3D Art) Students currently in grades 1-2

Instructor: Tyler Cuffie, OHES Art Teacher
July 7-11
\$275.00

Your “Little Artist” will explore the process of creating 3D (3 dimensional) artwork using different tools, techniques and materials. They will learn to manipulate various mediums to create fun and meaningful artwork! Your “Little Artist” will learn about FORM and SPACE and how artists use these elements to create art! Some material they will be exploring are: foil, color paper, model magic (sculpting foam) and paper mache.



Messy Art (Abstract Art) Students currently in grades 1-2

Instructor: Tyler Cuffie, OHES Art Teacher
July 14-18th
\$275.00

Your “Little Artist” will learn and explore the beauty in abstract art while getting a little messy with...”Messy Art”! Who said you can't make a little mess while exploring your artistic creative side. Get messy with: paints, watercolors, chalk, oil pastels and glue while creating fun and meaningful abstract art!



Paper Mache and Mod Podge Art (3D Art) Students currently in grades 1-2

Instructor: Tyler Cuffie, OHES Art Teacher

July 21-25th

\$275.00

Your “Little Artist” will explore the process of molding and sculpting 3D (3 dimensional) artwork through the use of Paper Mache and Mod Podge glue. They will learn different techniques to create their 3D artwork with these unique and fun mediums! Your “Little Artist” will learn about FORM and SPACE and how artists use these elements to create art!



CERAMICS! Create Critters and Creatures- Students currently in grades 1-4

Instructor: Tina Dailey, MHS Art Teacher

July 7-11

\$275.00

Create whimsical critters and creatures out of clay. Join us to make colorful monsters, bugs, flowers and wind chimes. We will also make things for planting like Chia Pets and funky Face Planters. Work will be finished with acrylic paint.



Made from the HeART Grades 3-6

Instructor: Meredith Del Guercio

2, 1 week sessions offered

Session #1 July 14-18th

Session #2 July 21-25th

\$275.00

Summer is a time of fun, relaxation, and leisure. However, while students are out of school, summer can be used to help children maintain their focus, creativity, and collaborative skills. Made from the HeART helps incorporate both skill maintenance and leisure into one of the key components of STEAM, Art! Your child does not need any background knowledge in the arts to participate, all are welcome while we explore art history and the cultural impact of art. During this time students will grow their creativity through activities such as paper mâché masks, paper mâché vases/bowls, origami, weaving, beading, and key chain or bracelet-making stitches using lanyard or embroidery floss. Students will be excited to recreate the crafts they learned to make during this course at home using recyclable items.



CERAMICS! Fun to Functional- Grades 5-8

Instructor: Tina Dailey, MHS Art Teacher

July 14-18
\$275.00

Come create everything from fun sculptures to functional ceramic work. Students will spend half of their time working on the pottery wheel and the other half creating handbuilt sculptural art and functional work. By using molds and forms, students can create useful quirky plates, bowls, vases and trays that will be glazed and functional.



Baking & Cooking Galore! Chef's in the making!Grades 5-8

Instructor: Enrica Pirone
July 7-18th (No class on July 4th)
\$400.00

*****New!!! TWO FULL WEEKS!*****

Do you like to bake? Do you like to eat your baked goods? Let's Bake! Cupcakes, cookies, pies and more! You will learn how to make new things and perhaps some old goodies as well. As an added bonus, you will be learning about Math in the kitchen. On the last day, we will have a bake off where you bring your choice of recipe and ingredients to make.



SAT Courses:
8:00-11:30am*

SAT Math Prep Course: Grades 9-12

Instructor: Dana Bucci

July 7-11th

\$375.00

Do you have a dream score that you need on the math section of the SAT? Do you need to refresh some math concepts covered on the SAT? Do you want to be introduced to the new digital SAT format? If you answered yes to one or more of these questions, then this is the class for you! This course will prepare you for the math portion of the SAT by reviewing the math topics that you learned in previous classes while learning some new math strategies for taking the test. You will be amazed by your results over the course of one week.

Digital SAT Verbal Prep: Grades 9-12

Instructor: Kimberly Marshall

July 14-18

\$375.00

As of 2024, all SAT tests are administered in the digital format, and our summer digital SAT verbal class has been specifically designed to address the new format and skills tested on the dSAT. Students will prepare for SAT success by using the latest resources and technology, including the College Board digital BlueBook.

High School Enrichment/Preview Classes:*

Geometry Preview/Not for Credit Grades 9-12

Instructors: Ashley Mato

2, 1 week session **only sign up for ONE session**

Session #1- July 14-18

Session #2- July 21-25

8:00-11:30 am

\$275

This Geometry Preview Course is designed to give students a foundational understanding of key geometric concepts before diving into a full-length geometry course. Ideal for students who are taking Geometry in the 25-26 school year, this preview covers essential topics such as points, lines, angles, shapes, and basic theorems. Through interactive lessons and engaging exercises, students will develop spatial reasoning skills and learn to apply geometric principles to real-world problems. Whether you're preparing for a formal geometry class or just looking to strengthen your math skills, this course provides a solid introduction to the world of shapes and structures.

Course offered: You can attend **Session #1:** July 14th - July 18th OR **Session #2:** July 21st - July 25th. Not a full two-week course. Just the same course offered two different times.

Chemistry Preview for students going into AP Chemistry/Chemistry 25-26 school year

2, sessions offered **7 days each**

Session #1- July 7-15

Session #2- July 16-24th

8:00-1:00pm

\$550.00 Instructor: Rama Bulusu

This course covers fundamental principles and core concepts as required and taught in any high school chemistry class. Topics that will be covered range from scientific measurements, atomic theory, molecular structure, periodic trends, chemical reactions, basic bonding concepts, stoichiometry, states of matter, and thermochemistry. This course will provide enough resources and should help you get a head start into the field of chemistry. It also provides a good foundation for students who plan to pursue advanced placement chemistry classes. The course work involves both virtual and hands-on labs to better understand the concepts. Irrespective of the chemistry course one selects this program will provide a robust look at the core general chemistry concepts.

Math & Data analysis for Freshmen (Physics/IPEL) Grade 9

****For Students ENTERING 9th Grade in the Fall of 2025 and Students who are interesting in taking AP Physics 1****

June 26-July 3rd (6 days)

No Class July 4th

8:00-1.00 pm

\$550.00

Instructor: Rama Bulusu

The summer class will focus on the pedagogical nature of freshmen year science with an emphasis on measurement, and data analysis. The purpose of the course is to introduce critical concepts of science that deal with measurements, graphical analysis and scientific learning cycles for each unit explored during the school year. Freshman science involves heavily on understanding both how content material between units relate as well as how the content material from one unit continues to build into the next. The course provides students a chance to experience both conceptual and mathematical models in the science discipline, specifically students will explore a unit in experimentation and optics as the content material to undergo this experience. The course work involves both virtual and hands-on labs that will focus on mathematical modeling with both geometry and algebra as well as provide a basis of communicating data including the use of uncertainty calculations. There will be an emphasis in the process of problem solving that is specific to being able to translate between qualitative and quantitative models that will include the use of trigonometry.

High School Credit Classes:*

8:00-1:30pm

ALL Credit Classes are
FIRST COME, FIRST SERVED
once registration opens.

We will take no more than 69 students for Geometry, 23 for
Algebra II and 20 for JAVA.

All accepted students for Geometry and Algebra II must have
passed the pre requisite requirements before being enrolled in
the course.

Foundations of Java (60 hours - half credit - 2.5 MHS credits)

2.5 Weeks---2 Sessions offered

Session #1- June 26-July 11th **No Classes on July 4th**

Session #2- July 14-28

8:00-1:50pm

\$600

Java is currently one of the fastest growing computer programming languages used in developing computer programs. Students will learn the fundamental concepts of programming with algorithm design and code implementation. Students will be taught how to write efficient computer programs including graphics. This course consists of interesting individual/group programming projects and case studies that they are likely to encounter in the real world. This course will satisfy the prerequisite for AP Computer Science.

Geometry (120 hours - full credit - 5 MHS credits)

5 weeks, June 26-July 29th

****No Classes on July 4th****

Class final on July 29th with Honors Testing following

8:00-1:50pm

\$1200

Geometry combines the essential elements of plane geometry and the basics of solid geometry. Strong emphasis is placed on deductive reasoning and writing original proofs. In addition, the student is given the opportunity to develop powers of spatial visualization, strengthen basic algebraic skills, and learn to use precise and clear mathematical language. A strong background in Algebra I is required from the beginning of the course. A scientific calculator is required.

****The NJSLA assessments will be administered following the completion of the summer courses your children have elected to participate in. Initial NJSLA administration will occur on Friday July 28th. All testing will take place at Montgomery High School.**

Prerequisite:

Summer Geometry Prerequisites:

UMS and MHS Algebra I Students:

A grade of 90+ by early June:

Student can enroll in SOAR Geometry to earn credit to move to Algebra 2. A grade of 92+ before the final exam would be required in the SOAR summer class to be eligible to sit for the honors proficiency exam. A grade of 85+ on the honors proficiency exam is required to qualify for Algebra II honors.

Note: If you previously qualified for Geometry Honors based on your Algebra I grade, should you fail to score an 85 on the honors proficiency exam, you can speak to your high school counselor as you have the option of progressing to Algebra II CP or repeating Geometry Honors as a freshman.

UMS Math 8:

Students enrolled In UMS Math 8 must complete Algebra I at MHS and meet all the above prerequisites prior to being eligible for SOAR Geometry.

[If you choose to sign your child up now, please know that your child's information will be reviewed prior to being placed in class. If your child does NOT meet the criteria you will be given a refund of only the course cost \(\\$1,200\) and not any transactions fees.](#)

Algebra II (120 hours - full credit - 5 MHS credits)

5 weeks, June 26-July 29th

****No Classes on July 4th****

Class final on July 29th with honors testing following

8:00-1:50 pm

\$1200

Prerequisite:

Summer Algebra II Prerequisites:

UMS Geometry and MHS Geometry Students:

Student can enroll in SOAR Algebra II If they have achieved:

- A final grade of 90+ In Algebra I
- A grade of 90+ in their current Geometry class by early June

Honors Proficiency Test Eligibility:

A grade of 92+ before the final exam would be required In the SOAR summer Algebra II class to be eligible to sit for the honors proficiency exam. A grade of 85+ on the honors proficiency exam is required to qualify for Precalculus honors.

Note: Should you fail to score an 85 on the honors proficiency exam, you can speak to your high school counselor as you have the option of progressing to Precalculus CP, Advanced Algebra & Trigonometry or repeating Algebra II Honors at the high school in the next school year.

MHS Geometry CP students:

You must maintain a 90 in your current Geometry class AND have gotten a final grade of 90 or higher in Algebra I to be eligible to enroll in the Algebra II summer class. Upon passing the summer class you will be placed into the next level of math for the next school year based on your grade In the SOAR summer class.

****Grades will be reviewed on May 20th****

[If you choose to sign your child up now, please know that your child's information will be reviewed prior to being placed in class. If your child does NOT meet the criteria you will be given a refund of only the course cost \(\\$1,200\) and not any transactions fees.](#)

Algebra II is the third course in the regular college preparatory program in mathematics. The course reviews basic terminology, concepts, skills, and applications of Algebra I by means of a critical examination of the real number system. Algebra II furthers the development of

working with Algebra I concepts with new major topics expanding the students' knowledge of Algebra and preparing them for higher level mathematics courses. These Major topics include: simplifying and solving rational expressions and equations; solving and graphing non-linear functions; working with powers, roots, and radicals; sequences, series, probability/statistics, applications of new functions and an introduction to trigonometry. Throughout the course, students use scientific and graphing calculators as a tool for processing data, performing calculations, and exploring.

*Please be advised....Once you have signed up for a course there will be NO REFUNDS if you cancel your registration. Refunds will ONLY be given if a class is cancelled due to enrollment numbers not meeting 10 students.

** We will ONLY be able to refund for the amount for the class and NOT the convenience fee of either 4.5% for credit card or \$1.75 for online check*