Welcome To
Montgomery Middle School
Upper Campus

2018

Sample 7th Grade Schedule

HR 8:08-8:13	A Day	B Day
Block 1: 8:13-9:35	Language Arts 7	Science 7
Block 2: 9:38– 11:00	German 1a	Phys. Ed./Health 7
Block 3: 11:03-12:25	Social Studies 7	Algebra I Part 1
Lunch/Flex: 12:28- 1:28		
Block 4: 1:31- 2:55	Young Entrepreneurs (elective)	Art Survey (cycle)
•82 minute classes •30 minute lunch •30 minute flex		

FLEX

OPPORTUNITIES FOR:

- **Extra help with your teachers**
- **Enrichment**
- **Recreation**
- **Assembly programs**

Cycles

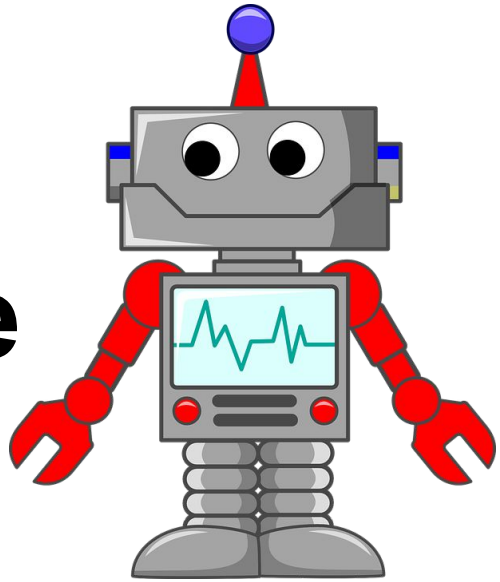
1. **Character, College & Career Readiness - designed to guide students through the process of transitioning from middle school to high school and to prepare for post-secondary life.**

2. **Art Survey - allows all 7th grade students the opportunity to explore their**

3. **Active Citizenship - explores the roles, rights and responsibilities associated with being an active citizen in a democratic society.**

4. **Computer Applications - a digital literacy course where students will be exposed to a variety of tools which enhance online reading and research, digital composition, and media literacy.**

7th & 8th Grade Electives



Young Entrepreneur$

You will be introduced to:

Entrepreneurship-What it takes?

ABC's of business

Examine "Shark Tank Show"

Speakers: Business owners from the community

Starting your own business

Skills you will learn:

Technical Skills- word processing, spreadsheets, presentation tools, websites

Financial Literacy

Explore & Experiment with friends

Have fun and be creative!

Young Entrepreneur$

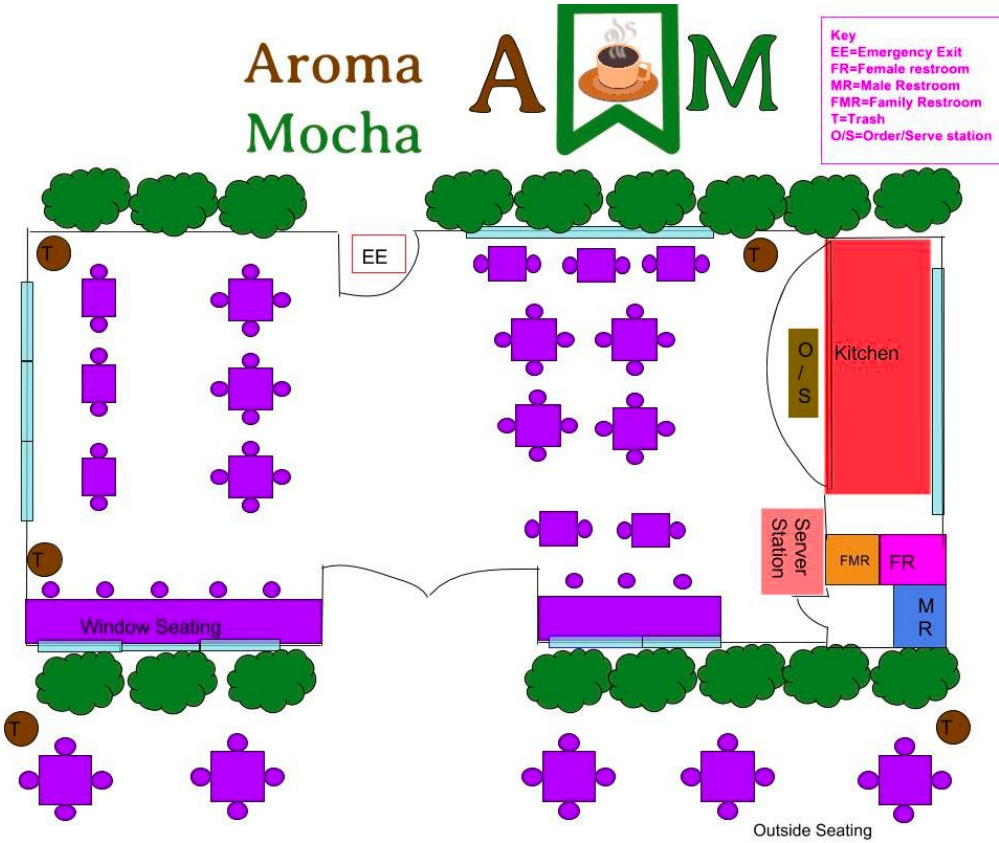
Build a Business from Scratch

Learn how to create:

Menu

Floor Plan

Get investors



Young Entrepreneur$

You will watch Shark Tank episodes to see how you can take your idea to the next level.

Create an magazine cover and an article about you being celebrated for something you have created or built.

Web Design & Coding 1 - **Fall**

Want to learn a desirable skill where you can:

- Interact with others
- Express yourself creatively
- Showcase your talents

Website Design

Learn how to take advantage of the opportunity to bring something you are passionate about to life on the internet and interact with others around the world who appreciate the same things as you ….

Coding....

Learn how to write and interpret lines of code so you can create and manipulate technology in your digital world by programming games, animation and digital art.

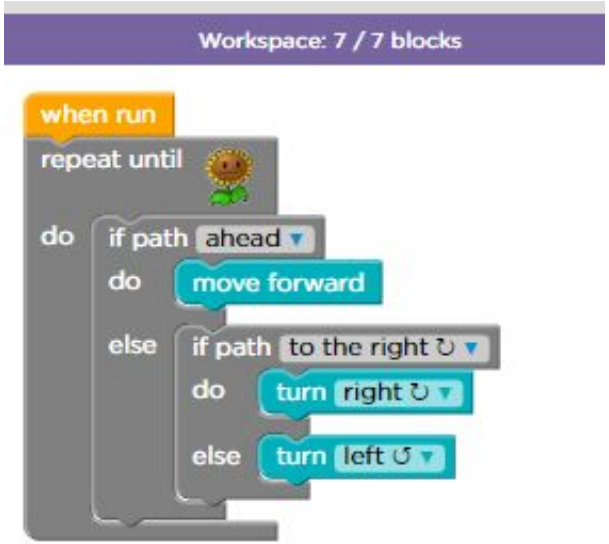
Sharpening your approach to:

- problem solving
- troubleshooting
- thinking

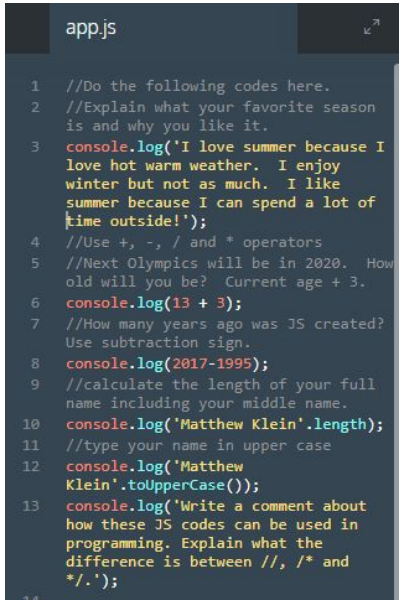
Web Design & Coding 2 - Spring

Want to learn the mysteries of the Internet. This will offer students a creative and innovative space to explore:

- Block Coding
- Javascript
- Google Sites
- HTML5 & CSS



Block Coding



Javascript

Coding is fun and easy! It's like magic. A bunch of words turn into graphics and a web page with different programming languages.

Web Design & Coding 2

Web Design & Coding 2 requires no prerequisite. This is spring elective course for all 7th & 8th graders.
This elective course teaches:

- logical thinking and problem solving skills through games
- the foundations of computer science and basic programming
- Students challenge themselves with real world problems

Class will focus on the introduction of Javascript, HTML and CSS.

Sample HTML5, CSS & Javascript Projects

Coding - Notepad

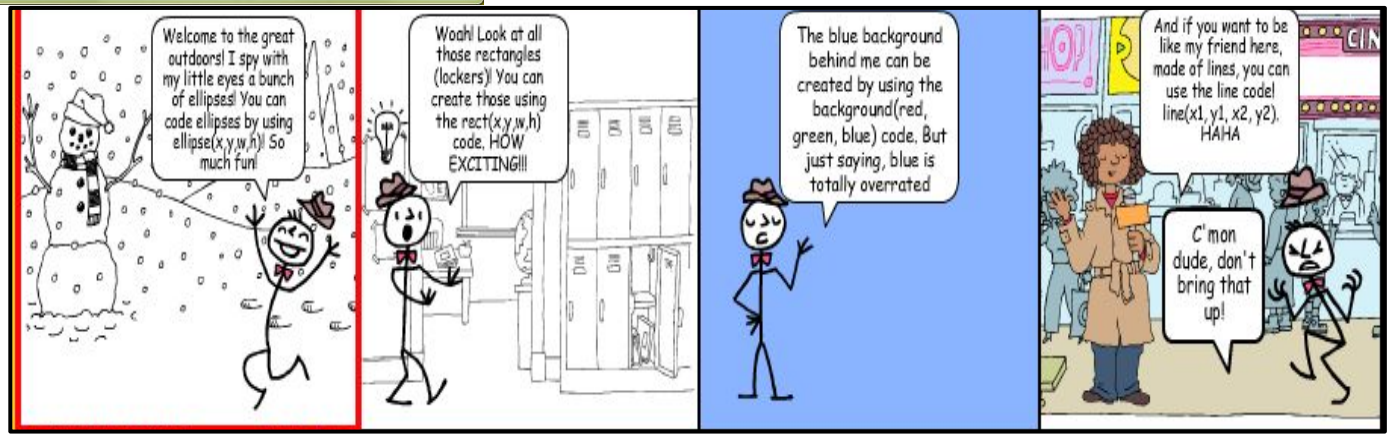
File Edit Format View Help

```
<!DOCTYPE HTML>
<html>
<head>
<title>My Second Website -

</style>
<style type="text/css" media="screen">

body {  background-color: #FFDF00;
        width: 500px;
        margin: auto;
        }

h1 {    font-family: courier new;
        font-size: 200%;
        color: #ECFD95;
        text-align: center;
        padding: 5px;
        }


h2 {    font-family: palatino;
        font-size: 150%;
        color: #0A64A4;
        text-align: center;
        }
```

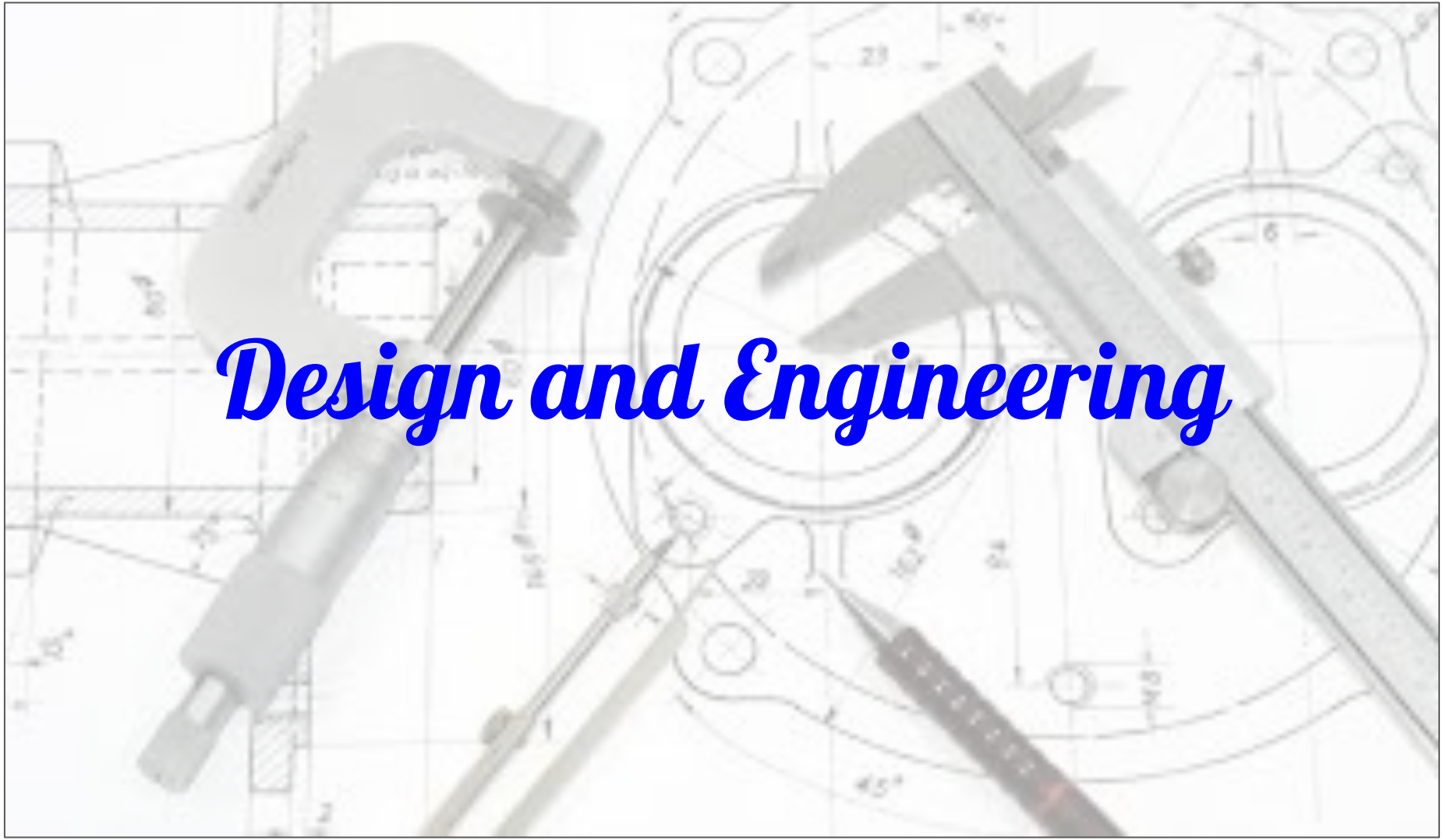
Spin-off of "Challenge: Bucktooth Bunny"
Pupils and Ears Edit Title

```
1  //spin-off challenge
2
3  var eyeSize = 50;
4  ellipse(150, 70, 60, 120);  // left ear
5  ellipse(240, 70, 60, 120);  // right ear
6
7  ellipse(200, 170, 150, 150);    // face
8
9  fill(247, 239, 239);
10 ellipse(170, 150,  eyeSize, eyeSize);  // left eye
11 ellipse(230, 150, eyeSize, eyeSize);  // right eye
12
13
14 var pupils = 25;
15 fill(13, 2, 2);
16 ellipse(170, 150, pupils, pupils);// pupils
17 ellipse(234, 150, pupils, pupils); // pupils
18
19 //twinkle
20 var pupils = 6;
```

Request Help Spin-off Save



Javascript Comics


Design and Engineering

Introduction to Engineering / Inventions and Innovations

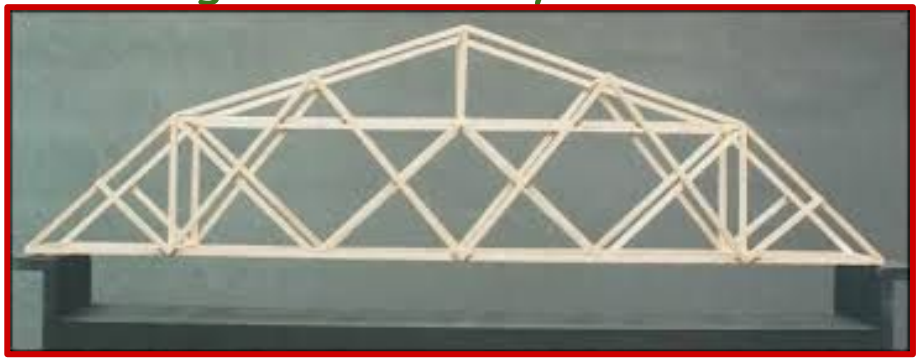
If you like to:

- Build things, such as working in a Makerspace
- Work with your hands and design new ideas
- Think outside the box and problem solve
- Use different materials and tools to come up with a creative solution

Then Introduction to Engineering or Inventions and Innovations is the class for YOU!!

Introduction to Engineering and Design

Students will be civil engineers as they are asked to design a balsa wood bridge. The bridge will then be crushed with sand to test the design's efficiency.

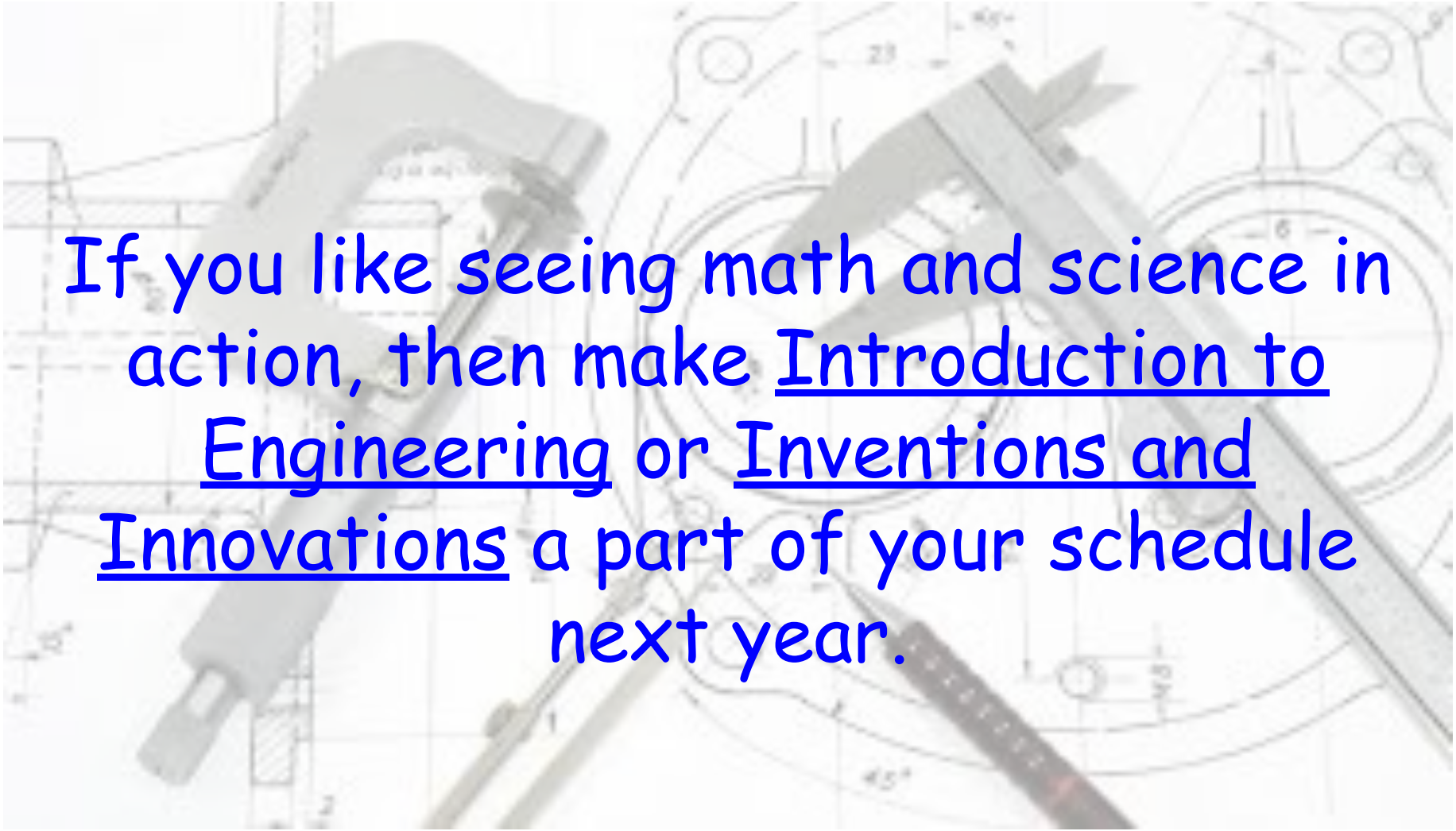


You will design a sleek dragster and fabricate your design using different power and hand tools.

Inventions and Innovations

You will design and build a catapult for accuracy. You will be launching your device at a Skee-Ball target.

Working in teams, design a water rocket that will stay in the air the longest.


If you like seeing math and science in action, then make Introduction to Engineering or Inventions and Innovations a part of your schedule next year.

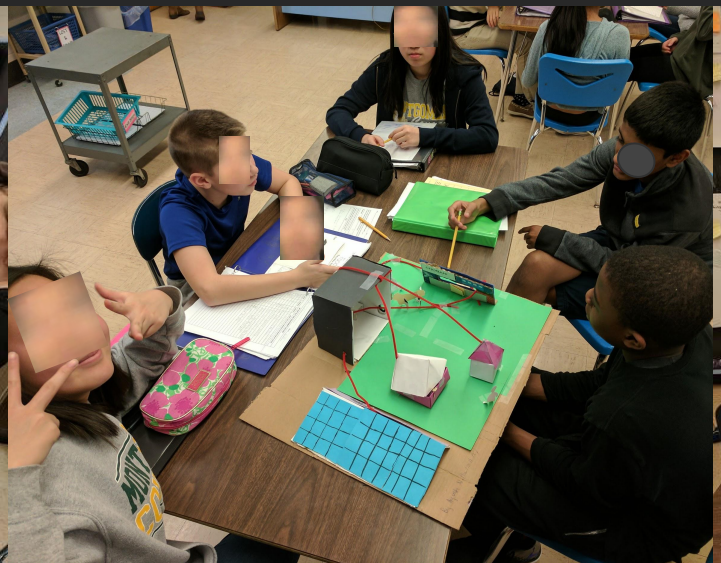
Global Leadership
Discover your passion and call to action.

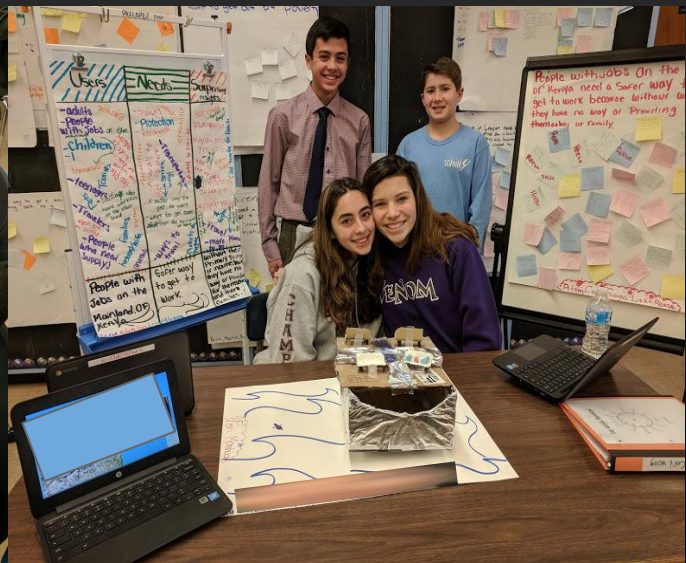
- Explore real-world domestic and global issues
- Participate in enlightening simulations

Walk for Water

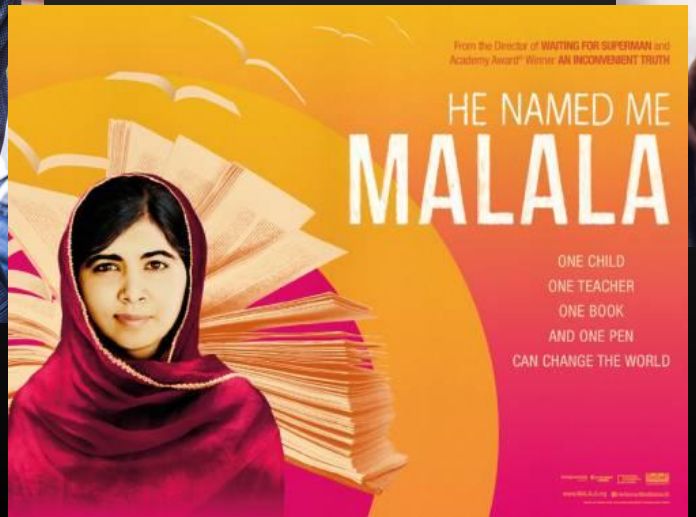
Baldicer, Hunger Simulation

- Work in collaborative teams
- Participate in team-building activities
- Discover the Design Thinking Process to create solutions to real world problems





Hear the stories of people creating change



- Travel to NYC for a behind-the-scenes look at the United Nations
- Investigate the United Nations Global Goals for Sustainable Development

WE SUPPORT

THE GLOBAL GOALS
For Sustainable Development

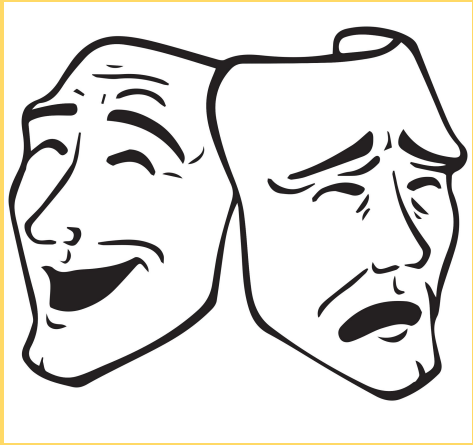
Global Leadership

Be part of it!

Digital Music

- Learn how to compose your own music in many styles-- classical, pop, rock, EDM, and plenty of sick beats
- Get a better understanding of what makes a song a chart topper
- Work individually and in groups to write music for commercials, stores, movies, videogames, and more!
- Do all of these awesome things using

  ONLY IPADS!!!



Drama Elective

BROADWAY

Learn To:

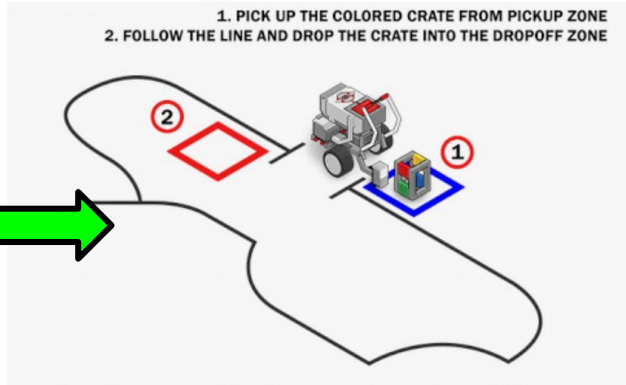
- Play Theatre Games
- Playwriting
- Acting
- Study Skills
- Work on the stage & film
- Have fun while you learn!

See a Broadway Show!!!!!!!

Band, Choir, and Orchestra

Everything ROBOTICS

- Use the LEGO Mindstorms® EV3 kits to create and command your own robot.
- Program your creations to move, speak, grab, think and do almost anything you can imagine!
- Solve robotic challenges based on real-world scenarios.



Everything ROBOTICS

- Strengthen your problem-solving and teamwork skills!
- Learn STEM concepts in a fun and engaging way.
- Stay up to date on robots in the news.
- Compete in a robot tournament at the end of the course!

- **For full descriptions on the elective courses we offer, please see our UMS Program of Studies that can be found on our website.**

Electives

1. **If you choose band, chorus, or orchestra, DO NOT choose any other electives. *These are full year courses.***

2. **If you're not selecting any full year music electives, choose any four of the remaining options.**

3. **Out of these four, each student will receive two (one each semester). Please remember that your chosen electives are <u>not guaranteed</u>.**

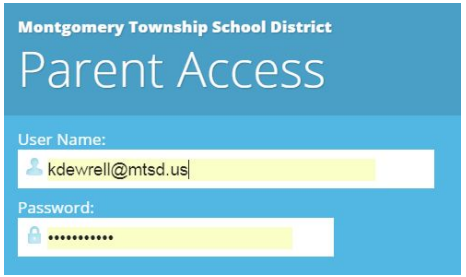
Don't forget about World Languages!

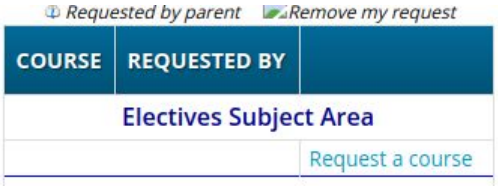
Choices: German, French, or Spanish.

Electives

Open enrollment:
Feb. 28 - March 16th

1. Go To: Parent Resources
2. Go To: Scheduling Tab
3. Go To: Request Tab
4. Go To: Request a Course (center of screen)
5. Select the Green Button: "Request this Course"





CODE	NAME	CREDITS	TYPE	GRADES	STATUS	
76999	Band 7 1 (Full Year)	1		07		Request This Course
77010	Chorus 7 (Full Year)	1		07		Request This Course