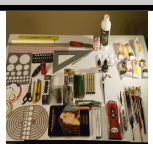
7TH GRADE ELECTIVES

Millstone Township Schools **Sept. 2018—June 2019**

~Visual Arts~



Basic Art: Begin to expand on various art techniques used to create works of art. Learn how to properly use artistic tools to enhance work. Learn the basics of perspective, color, shading, and sculpture.

Basic 3-Dimensional Art: Learn the steps it takes to transform a two dimensional drawing into a three dimensional object. Help design and assist on school projects, and props for book fair, school plays, and community activities.

~Computers~

Intro to Video Production: Learn the basics of video and film making. Create your own videos using different software [Cyberlink, Windows Movie Maker and iMovie]. From pre-production to post-production all aspects of video/film making will be covered. Class will use TV Studio's green screen to create dynamic effects in video.

Programming 7: Explore ways to use programming using various software and projects. This course is a walk-through of the basic concepts behind writing computer programs, with an emphasis on graphics, games and real world applications using Arduino boards. The goal is for students to have fun, while learning the importance and practical aspects of mathematics, processes, problem solving, and critical thinking.

~Music~

7th Grade Guitar: Learn the basics of guitar playing while discovering the different music styles that made American music what it is today. From folk music to the early days of Rock 'n Roll, uncover the fun and skill of playing the guitar. The marking period will end with the creation and performance of original blues songs and rock 'n roll.

Tech Tunes: Using apps and computer-based programs like Garage band, Noteflight, Online Sequencer, and more, create unique musical sound pieces. Compositions will include a sound effects piece, a movie soundtrack, and even a parody!

ADDITIONAL 7TH GRADE ELECTIVES

~Drama~

At the end of each of these courses, students will have an opportunity to show off what they have worked on in front of an audience.

Acting 7th – In this class, actors will explore the basic principles of movement, voice, staging, make-up, costumes and props as the tools an actor uses to communicate a character. Through theatre games, improvisations, monologues and scenes, students will learn how to transform themselves into a variety of characters.

Directing and Theatre Production– From audition to audience, learn how a written script is transformed into live theatre – from outside of the spotlight! Through a variety of classroom games and activities, students will learn about how the director creates a vision and collaborates with the design team and actors to create a performance.

Playwriting—In this class, students will explore how a playwright does just that! Through theatre games and activities, we will discover how a playwright uses setting, characters, dialogue and stage directions for "show" rather than "tell" a story. Students will participate in a variety of acting and writing exercises through the class.

~STEAM~

Creative Design - This design lab takes the basics learned in Applied Technology and moves it to the next level. The engineering design loop, combined with advanced prototyping technology such as 3D printing and laser cutting is applied to design projects specified by a variety of "customers", who can be students, teachers, or anyone else in the MMS community. Emphasis is placed on project planning, and adding artistic and aesthetic features to make innovations more attractive to the customer. Sketching and 3D visualization skills are developed, as are communication and presentation skills.

Robotics - Students investigate the world of robotics, and the relationship it has to their core subjects. Simple machines, hydraulics and pneumatics are a few of the technologies covered in this course. Activities are varied and include more than developing prototypes as we study the advantages - and challenges - of automation using off-the-shelf kits.

Students will select 6 options for possible electives for next year.