

## **6th Explore Classes**

### **Art**

This course introduces the student to the basics of art techniques in drawing, painting, and sculpture. The projects used to teach these techniques will vary each year, but basic projects will include pencil and/or ink drawings, watercolor painting, and both slab and coil pottery. An understanding of perspective, shading and color values will also be included. It is designed to allow every student to grow in his/her artistic ability.

### **Family and Consumer Education (FACE)**

This course will provide students with experiences in textiles (simple sewing, no-sew projects (tie blankets) or simple stitchery), nutrition and food preparation, cooking labs, housing (interior design). The class is taught stressing the importance of these areas in family life. Other units may be added as time allows. Students will be responsible to supply material for the textile unit.

### **STEM**

STEM is an acronym for Science, Technology, Engineering, and Math. Students will be equipped with the knowledge and skills to solve tough problems, gather and evaluate evidence and make sense of information.

### **Intro to Tech Ed (TE)**

The purpose of the class is to provide students with a basic understanding of woodworking technology (the practical application of hand tools) and introduction to metals if time allows. Students will become familiar with the characteristics of technology and its relationship to people and the environment. Hands-on projects that help develop these skills will be included.

## **7th & 8th Explore Classes**

### **3D Design**

Learn to design and produce products on the 3D Printer. Students will learn how to be “makers” by using various types of 3D modeling software and imaging equipment, printing actual physical objects that they have designed and modeled themselves.

### **Art**

This course will develop the student’s skills in art production, art criticism, art history, and aesthetics. The focus will be on various artistic styles using “the Masters” as templates. It is geared to give every student an opportunity to develop basic art skills.

### **Book Club**

Love to read? Wish you had more time to read? This exploratory class will introduce you to the Literature Circle as we explore different genres of books. Literature circles provide students an opportunity to discuss literature in-depth, to develop critical thinking skills, as well as collaborate and construct meaning with other readers. All reading levels are welcome!

### **Crochet**

Students will be introduced to the basic stitches and types of crochet. They will use those stitches to make simple projects, including small stuffed animals, potholders, dishcloths, afghan squares and bags. Students are asked to purchase a Beginning Crochet Kit (under \$15 on Amazon) for this class.

### **Drama (Mini Musical)**

Students will rehearse and perform a short musical (performance given at the end of the term). They will learn about what makes a compelling performance, set design and construction, basic acting (including character development) and singing. Most of all, they will have fun learning and improving their skills.

### **Family and Consumer Education(FACE)**

This course will provide students with experiences in money management, textiles (simple stitchery, fashion, etc.), nutrition, food preparation and basic child care skills. This course is taught stressing the importance of these areas in family life. Other units may be added as time allows. Students will be responsible for supplying material for the textile unit.

### **Introduction to Metals (TE)**

This class is designed to expose the student with basic areas in the metals trade. This course introduces students to the qualities and applications of various metals and tools used to manipulate and form metal into products. Through one or more projects involving metal, students develop planning, layout, and measurement skills while gaining experience in cutting, bending, and fastening metal. Students complete projects according to specifications. Correct use of metalworking tools are integrated into all instructional opportunities.

## **Intro to Piano**

The Introduction to Piano Course is an ideal choice for individuals who possess minimal or zero knowledge in piano playing. This course has been specifically crafted to provide students with a solid foundation in basic piano techniques. These techniques encompass the ability to identify notes on the piano, read sheet music, play beginner-level songs and rhythms, and understand dynamics. Moreover, students will acquire essential skills such as correct finger placement, posture, and the ability to play songs using different five-finger positions. It is important to note that owning a piano or keyboard at home is not mandatory, as students will be allocated practice time during class. Upon completion of the course, students will have the opportunity to showcase their progress by performing a brief piano solo during a class recital.

## **Mini-Madrigals**

Students will form a small singing group (Madrigal singers) that will learn songs for a short performance at the end of the term. They may, depending on funds and health concerns, give small run-out concerts to local nursing homes, and other locations around Marshfield. We will work on singing independent parts and practicing music listening and reading skills. We will learn different styles (genres) of music--both Classical (aka “art music”) and Popular/Show styles. Students who take this class should be ready to sing and perform!

## **Robotics**

Robotics is a specialized type of engineering that deals with the design, construction, operation, and application of robots. We will be using a system that was designed to be simple and easy for students to use. The project-based units of study will allow students to learn key STEM principles in a hands-on, cooperative manner.

## **Wood Working (TE)**

The purpose of the class is to provide students with a basic understanding of woodworking technology (the practical application of hand tools). Students will become familiar with the characteristics of technology and its relationship to people and the environment. Students will also be introduced to the areas of transportation, manufacturing, communication, and biotechnology. Emphasis will be placed on terminology, adjusting to changes, better decision making, and safety. Hands-on projects that help develop these skills will be included. Students will work on different projects as compared to 6<sup>th</sup> grade.

**Yearbook**

Create the layouts and texts for this year's Columbus Middle School Yearbook. Work as a staff writer, editor, and designer.