

# TMS ELECTIVES FOR 2021-2022

## 8TH GRADE COURSES

### **2D ART (Semester Course)**

Students will experiment with a variety of media and techniques to create two-dimensional artworks. Students will learn and demonstrate skills through drawing, painting, printmaking, collage, and/or design.

### **SCULPTURE/3D ART (Semester Course)**

Students will explore a variety of three-dimensional media. In sculpture, students will focus on working with wire, newspaper, tape, Sculpey, model magic, and paper-mache to create large and small pieces. Our subjects will range from pop culture, aliens, animals, monsters, historical figures, and fictional characters.

### **AUTOMATION AND ROBOTICS/GREEN ARCHITECTURE (Semester Course)**

These quarter-length classes are based on the PLTW model and are taught back-to-back. Projects for both courses focus on real-world scenarios and feature a strong hands-on approach. Students work in teams to solve design challenges using VEX HDR robotics kits.

Projects in Robotics expose students to the essential aspects of mechanical, electrical and programming design. Students learn about gear ratios and mechanisms and write code to create autonomous motion in their robots to complete simple tasks.

Green Architecture places the student in the position of an architectural designer focusing on building structures that utilize green and sustainable technologies. Students use 3D modeling software to design custom structures, learn about basic construction techniques and building materials, and create physical models representing their designs.

### **CAREER LAB 8 (Semester Course)**

Designed specifically for 7<sup>th</sup> and 8<sup>th</sup> graders, this one-semester survey of different career pathways takes middle school students on a voyage through eight different careers – Construction, Information Technology, Health Services, Physical Therapy/Athletic Training, Manufacturing/Logistics, Marketing/Sales Professional, and Business Management/Entrepreneurship. Through early exposure, the goal is to help students understand just what each career means, and begin to realize what makes one career a better fit for that student than other careers.

## **DESIGN LAB 2 (Semester Course)**

Students in Design Lab 2 will learn about the fundamentals of multimedia and video production. Students will engage in collaborative and hands-on learning as they work together to create and produce daily video news announcements for the Middle School.

## **DEVELOPING CHARACTER & LEADERSHIP (Semester Course)**

Students will learn, develop and apply principles for leading effectively in a variety of life settings, including business and athletics. Students will also engage with leadership fundamentals through written works by authors such as Jon Gordon and Todd Conquer. Additionally, guest speakers, weekly lectures, and weekly lab work in the gymnasium/outdoors will contribute to students' character and leadership development.

## **FRENCH 1 (1 HS Credit-Full year Course)**

**Prerequisite: Recommendation from ELA teacher will be obtained by counselors (For 8<sup>th</sup> Grade students only)**

This class will receive High School credit and will appear on students' high school transcript. The first-year student is introduced to basic conversational French related to a given situation (e.g., eating in a restaurant, greeting friends or discussing likes and dislikes). Basic grammar is introduced in English as a preparation for a more detailed study in French II. The student also studies the lifestyle, cultural differences and similarities of the people of the French-speaking world. Reading (translation) is introduced in the second semester. LEVEL 2

## **SPANISH 1 (1 HS Credit-Full Year Course)**

**Prerequisite: Recommendation from ELA teacher will be obtained by counselors (For 8<sup>th</sup> Grade students only)**

This class will receive High School credit and will appear on students' high school transcript. The first-year student is introduced to basic conversational Spanish related to a given situation (e.g., eating in a restaurant, greeting friends, or discussing likes and dislikes). Basic grammar is introduced as a preparation for a more detailed study in Spanish II. The student also studies the lifestyle, cultural differences and similarities of the people in the Hispanic world. Reading and writing are introduced when appropriate levels of proficiency are achieved. LEVEL 2

## **HEALTH 8 (.50 HS Credit-Semester Course)**

Health is a semester course that will guide students through the many dimensions of wellness: Correlating Human Body Systems, Nutrition, and Physical Activity to comprehend concepts related to health promotion and disease prevention; analyze the validity of health information, products, and services; learn strategies and practice behaviors to reduce health risks; promote safe and healthy relationships; understanding the dangers of tobacco, alcohol, and other drug use. This course is a student-led, independent course that is completely online. With a passing grade, this course will receive high school credit and must be completed for high school graduation.

## **PHYSICAL EDUCATION 8 (Semester Course)**

Physical education 8 is a course designed to give students the opportunity to meet each of the physical education standards 1-5 benchmark A and B adopted by the Ohio Department of Education. It will provide students with the knowledge, skills, and strategies associated with many different individual and team sports. This course will also encourage respectful behavior and a lifetime of fitness by meeting or exceeding criterion-referenced health-related physical fitness standards.

### **BAND 8 (Full Year Course)**

**Prerequisite: 2 year experience playing a musical instrument**

This course is a continuation of concepts learned in Band 7. Students are expected to continue to develop their theory and technique while expanding their musical vocabulary and experiences. Students are required to perform at 3 evening performances throughout the year and 1 performance at OMEA Large Group Festival. Other performances may be added at the director's discretion.

### **MEN'S CHORUS 8 (Full Year Course)**

8<sup>th</sup> Grade Men's Chorus is a performing organization that applies the choral techniques on the most basic level of choral performance. It is a TBB (Tenor, Baritone, Bass) choir that performs varied repertoire. Performance opportunities are provided which include concerts, school functions, and competitions. Students will find that the majority of performances are after school or occasionally on a weekend. All performances are required for a passing grade.

### **WOMEN'S CHORUS 8 (Full Year Course)**

8<sup>th</sup> Grade Women's Chorus is a performing organization that applies the choral techniques on the most basic level of choral performance. It is an SSA (Soprano 1, Soprano 2, Alto) choir that performs varied repertoire. Performance opportunities are provided which include concerts, school functions, and competitions. Students will find the majority of performances are after school or occasionally on a weekend. All performances are required for a passing grade.

### **JACKET TIME/SUPPORT**

**Prerequisite: Teacher recommendation**

This course is designed for students who are receiving services under an Individualized Education Plan. Students will receive assistance with required coursework and learn a variety of study skills in order for them to be successful in the General Education curriculum. This course will also assist students in the transition process from High School to post-secondary academics or employment.