

TMS ELECTIVES FOR 2021-2022

7TH GRADE COURSES

PRINCIPLES OF DESIGN/MIXED MEDIA (Semester Course)

Students will explore the elements and principles of art. This class will allow students to explore the creative process with a wide range of materials including 2D and 3D media

DESIGN & MODELING/ENERGY & THE ENVIRONMENT (Semester Course)

These are quarter-length courses based on the PLTW model and are taught back-to-back. The student is placed in the position of a design engineer. Projects focus on real-world scenarios and feature a strong hands-on approach. Students work in teams to solve design challenges related to 3D modeling, pictorial sketching, hydrogen fuel cells, and wind turbines.

CAREER LAB 7 (Semester Course)

Designed specifically for 7th and 8th 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 1 (Semester Course)

Students in Design Lab 1 will learn coding and video editing. In the first half of the course, students will learn to enhance their coding skills on Code.org. They will program animations, interactive art and games in Game Lab. They will use the same programming concepts and the design process computer that scientists use daily. The final project of the coding portion will be developing a personalized, interactive game or animation. During the video editing portion of the course, students will learn the basics of creating and editing videos. Various projects will consist of creating and editing their own videos on WeVideo.

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.

HEALTH 7 (.50 HS Credit-Semester Course)

Prerequisite: Teacher recommendation

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 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 7 (Semester Course)

PE will provide students with the knowledge, skills, and strategies associated with many different individual and team sports/activities. This course will also encourage proper social and personal behaviors and a lifetime of fitness by meeting or exceeding criterion-referenced health-related physical fitness standards.

BAND 7 (Full Year Course)

Prerequisite: 1 year of experience playing a musical instrument

This course is a continuation of concepts learned in Band 6. An emphasis will be placed on technique, tone quality, and sight-reading. 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. Choice of instrument may require a rental fee.

MEN'S CHORUS 7 (Full Year Course)

7th Grade Men's Chorus is a performing organization that applies the choral techniques on the most basic level of choral performance. It is a TB (Tenor, Baritone) choir that performs a 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 7 (Full Year Course)

7th 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 a 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.

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.