

TMS ELECTIVES FOR 2020-2021

8TH GRADE COURSES

AUTOMATION AND ROBOTICS/GREEN ARCHITECTURE (Semester Class)

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.

SPANISH 1 (1 HS Credit-Full Year)

Prerequisite: Recommendation from ELA teacher will be obtained by counselors. (For 8th 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

FRENCH 1 (1 HS Credit- Full year)

Prerequisite: Recommendation from ELA teacher will be obtained by counselors. (For 8th 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

BAND 8 (Full Year)

FEE: \$20* *

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.

** Band fee will be billed separately from school fees and collected by the Band teacher.

MEN'S CHORUS 8 (Full Year)

FEE: \$15

8th 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)

FEE: \$15

8th 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.

PHYSICAL EDUCATION 8 (Semester Class,)

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.

21) ART (Semester Class)

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 Class)

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-mâché to create large and small pieces. Our subjects will range from pop culture, aliens, animals, monsters, historical figures, and fictional characters.

DESIGN LAB 2 (Semester Class)

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.

INTERVENTION/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.

CAREER LAB 8 (Semester Class,)

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, Graphic Designer, 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.

HEALTH 8 (1/2 HS Credit Semester)

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 must be completed before high school graduation.

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	00 00 00	ART - SCULPTURE/3D ART AUTOMATION AND ROBOTICS/ GREEN ARCHITECTURE	0 0
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00		0	0 0
00		CHORUS 8 - MEN'S	0 0
00		0 8 - WOMEN'S	0 0
00		DESIGN LAB	
	00 00 00	FRENCH 1 (HS Credit)	
	00 00	HEALTH 8 (HS Credit)	0
		0 ICAL EDUCATION 8	0
00		SPANISH 1 (HS credit)	
00		CAREER LAB 8	

Students can elect to take Health
_____ I would like to take Health

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Please make 2 alternative choices in the case that chosen courses are not available.

1. _____
2. _____

Parent/Guardian Signature and Date _____

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Student Signature and Date _____