## 2023-2024 Middle School <br> Course Book



Muir
Middle School


Oak Valley
Middle School


White Lake Middle School



## Muir Middle School

425 George Street
Milford, MI 48381
248-684-8060
We are Motivated, Understanding, Innovative, \& Relentless.

We are MUIR!


Oak Valley Middle School 4200 White Oak Trail
Commerce Twp, MI 48382 248-684-8101

Belong, Believe, Become


## White Lake Middle School

1450 Bogie Lake Road White Lake, MI 48383 248-684-8004

Work Hard and Be Nice to People. It's the Warrior Way.


## Table of Contents

Frequently Asked Questions ..... 4
Career Pathways ..... 6
Student Schedule \& Course Descriptions ..... 22
Grade 6 ..... 22
Grade 7 ..... $\underline{27}$
Grade 8 ..... 32
Special Education ..... 38


## Middle School FAQs

## What does a middle school day look like?

Unlike the elementary level, a middle school student will have six classes usually with a different teacher each hour. They will also have a seminar period each day. The six classes will generally include four academic classes (English Language Arts - ELA, Social Studies, Mathematics, and Science) and up to two elective classes. These classes are each approximately 55 minutes in length with a 5 -minute passing time in between classes. This gives students an opportunity to go to their locker, use the bathroom, and take a brain break. For an example of grade level schedules, click on any of the following links:
-6th grade
7th grade
8th grade

## What is Seminar?

As mentioned above, all students will have Seminar each day in addition to the six academic classes. It is a 25 -minute non-graded period scheduled at the end of each day. Seminar allows for students to receive additional academic support, make up missed assessments, attend school-sponsored clubs, or read independently.

## What are Teams?

Students at the 6th \& 7th grade level are placed on grade level teams to help with the transition from elementary to middle school. These teams are designed to create a smaller learning environment which research has shown is helpful for students both academically and socially. Teams usually are made up of 2-4 teachers that will teach ELA, Social Studies, Mathematics, and Science. Although your child will interact with all grade level students in the hallways, cafeteria, and some elective classes, their academic classes will only be made up of their team peers.

## What is a Term?

A term is approximately 10 weeks in length. There are 4 terms in a school year. Some 6th \& 7th grade classes are a term in length to allow for additional exploration opportunities for students. Digital Technology 6 and Pre-Engineering 6 are examples of term classes.

## What is a Semester?

A Semester is approximately 20 weeks in length. There are 2 semesters in a school year. Physical Education 6 and Art 6 are examples of a semester class.

## How are lunches set up?

Students will eat lunch in the school cafeteria but only with students in their grade. For instance, 6th grade students will all eat lunch together after 3rd Hour. Students will use the same HVS personal lunch code as they did in elementary school.

## How do I get involved in school activities, like sports, clubs, etc?

Huron Valley Schools encourages students to get involved in their schools outside the classroom. A variety of sports, clubs, and other activities are offered to meet the interests of students. For more information visit the school website, read informational emails and newsletters, or contact the school.

## Middle School FAQs

## How do percentages relate to letter grades?

The general percentage-to-letter breakdown is listed below:

| Letter Grade | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- | E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Percentage <br> Range | $93 \%-$ | $90 \%-$ | $87 \%-$ | $83 \%-$ | $80 \%-$ | $77 \%-$ | $73 \%-$ | $70 \%-$ | $67 \%-$ | $63 \%-$ | $60 \%-$ |  |
| $100 \%$ | $89 \%$ | $86 \%$ | $82 \%$ | $79 \%$ | $76 \%$ | $72 \%$ | $69 \%$ | $66 \%$ | $62 \%$ | $59 \%$ |  |  |

In extenuating circumstances, a " G " or " H " grade can be given for a passing (" G ") or failing ("H") grade.

## What is a Grade Point Average (GPA)?

A student's grades will make up his or her Grade Point Average (GPA). On report cards, a student is provided with a current GPA based on the semester and a cumulative GPA based on the student's middle school years. This GPA is only for middle school and does not move with the student to high school.

## How do I make the Honor Roll?

A student is eligible for the Honor Roll if he or she earns at least a 3.0 GPA for a semester. The following designations are applied for students making the Honor Roll:

| GPA Range | $3.0-3.49$ | $3.50-3.74$ | $3.75-3.99$ | 4.0 |
| :---: | :---: | :---: | :---: | :---: |
| Honor Roll <br> Designation | Honor Roll | Honor Roll with <br> Academic Honors | Honor Roll with <br> High Academic <br> Honors | Honor Roll with <br> Highest Academic <br> Honors |

## What else should I know?

We highly recommend that both students and parents be aware of all events at the middle school. You can do this by accessing the school website on a regular basis. The website will provide you current information updates, staff contacts, classroom homework links, and building announcement links. Also, each building has social media platforms (i.e. Facebook, Twitter, Instagram, etc.) that highlight building events. Be sure to like or follow these official school sites.


## Career Pathways

## Michigan Career Pathways and National Career Clusters

Career Pathways are careers that are grouped together because many of the people in them share similar interests and strengths. All pathways include a variety of occupations that require different levels of education and training. Selecting a Career Pathway provides a focus into which one can begin directing energies and determining a tentative career "fit" though it is always acceptable to change one's mind. By identifying with a pathway students are aided in selecting courses, extra-curricular activities and part-time employment. Career Pathways provide a plan for all students regardless of their interests, abilities, talents, or desired levels of education. All pathways have equal dignity.

The following six (6) Career Pathways have been developed by the state of Michigan. The U.S. Department of Education Office of Vocational and Adult Education (OVAE) has identified 16 career clusters representing career opportunities for the 21st century economy. These clusters will frame student opportunities as they pursue postsecondary education and a wide range of career opportunities from front-line to professional and managerial careers.


## U.S. Department of Education Career Clusters

Arts, A/V Technology \& Communications

Business, Management \& Administration, Finance, Hospitality \& Tourism, Information Technology, Marketing, Sales \& Service

Architecture \& Construction, Manufacturing, Science, Technology, Engineering \& Mathematics, Transportation, Distribution \& Logistics

Health Sciences

Education \& Training, Human Services, Law, Public Safety \& Security, Government \& Public Services

Agriculture, Food \& Natural Resources

## Career Pathways



## Arts \& Communications

Careers in this path are related to the humanities and performing, visual, literary, and media arts. These include architecture; graphic, interior, and fashion design; writing; film; fine arts; journalism; languages; media; advertising; and public relations.

Are you a creative thinker: Are you imaginative, innovative, and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos, or writing stories? This may be the Career Path for you!

## Possible School and Community Activities

- Acting Lessons
- Art Shows
- Bands (Community, Ensemble, Marching, Rock, Solo)
- DECA (Marketing Club)
- Career Fairs
- Choirs (Community, Ensemble, Solo)
- Concerts
- Color Guard
- Visual Arts Classes
- Follow career related activities in Newspapers or on the Internet
- Essay/Poetry Contests
- Gymnastics
- Leadership Conferences
- Mentoring
- Optimist Club
- Part-time employment/internship in related field
- Peer Tutoring
- School Newspaper
- School Plays
- School Talent Show
- Speech/Debate Contests
- Stage Production
- Student Government
- Volunteer



## Career Pathways

## Potential Careers in Arts \& Communications

## High School Diploma

(with Vocational Background or on-the-Job Training)

- Actor
- Artist
- Choreographer
- Craftperson
- Dancer
- Floral Designer
- Illustrator
- Musician
- Ornamental Metal Worker
- Set Designer
- Sign Painter
- Visual Merchandiser

Community/Technical College
(Certificate, Apprenticeship, or Assoc. Degree Program)

- Advertising Copywriter
- Florist
- Graphic Designer
- Interior Designer
- Jeweler
- Landscape Architect
- Makeup Artist
- Photographer
- Recording Engineer
- Script Writer
- TV Production
- Web Developer


## College/University

 (Undergraduate, Graduate or Post-Graduate Programs)- Actor
- Advertising
- Art/Music Teacher
- Art/Music Therapist
- Book Publisher
- Commercial Artist
- Computer Graphic Artist
- Journalist
- Language Interpreter
- Literary Agent
- Medical Illustrator
- Photojournalist
- TV News Anchor
- Web Developer
- Writer

[^0]
## Career Pathways



## Business, Management, Marketing \& Technology

Careers in this path are related to the business environment. These include entrepreneur, sales, marketing, computer/information systems, finance, accounting, personnel, economics, and management.

Do you enjoy being a leader, organizing people, planning activities, and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, holding an office in a club, or surfing the Internet? This could be your Career Path!

## Possible School and Community Activities

- Athletic Teams
- Attend Professional Meetings
- Business Professionals of America (BPA)
- Career Fairs
- DECA (Marketing Club)
- Election Assistant
- Junior Achievement
- Follow career related activities in Newspapers or on the Internet
- Future Business Leaders of America (FBLA)
- Part-time employment/internship in related field
- Peer Tutoring
- School Newspaper
- School Plays
- Speech/Debate Contests
- Student Government
- Volunteer



## Career Pathways

## Potential Careers in Business, Management, Marketing \& Technology

## High School Diploma

(with Vocational Background or on-the-Job Training)

- Administrative Assistant
- Bank Teller
- Bookkeeper
- Computer Data Entry
- Computer Support
- Customer Service Representative
- Food Service
- Payroll Clerk
- Postal Clerk
- Retail Sales
- Tour Guide
- Travel Agent


## Community/Technical College

(Certificate, Apprenticeship, or Assoc. Degree Program)

- Accounting Clerk
- Administrative Assistant
- Business Sales
- Computer Network Support Specialists
- Computer User Support Specialist*
- Court Reporter
- Entrepreneur
- Fashion Merchandising
- Hotel Management
- Insurance Sales Agent*
- Paralegal/Legal Assistant
- Sales Representative - Non-Technical
- Web Developer


## College/University

(Undergraduate, Graduate or Post-Graduate Programs)

- Accountant and Auditor*
- Computer and Info Sys Manager*
- Computer Systems Analyst*
- Database Administrator
- Financial Analyst
- Financial Manager*
- General and Operations Manager*
- Human Resources Manager
- Loan Officer*
- Logisticians*
- Management Analyst*
- Market Research Analyst*
- Marketing Manager*
- Marketing Specialist
- Network and Computer Systems Administrator
- Sales Manager
- Web Developer

[^1]
## Career Pathways



## Engineering, Manufacturing, \& Industrial Technology

Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.

Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, wiring electrical circuits, or working with woodworking? This may be the Career Path for you!

## Possible School and Community Activities

- Attend Professional Meetings
- Career Fairs
- Follow career related activities in Newspapers or on the Internet
- Habitat for Humanity
- Maintenance
- On-the-job Training
- Part-time employment/internship in related field
- Peer Tutoring
- Robotics
- Scouting/Explorer Activities
- Visit Trade Shows
- Volunteer Firefighter



## Career Pathways

## Potential Careers in Engineering, Manufacturing, \& Industrial Technology

## High School Diploma

(with Vocational Background or on-the-Job Training)

- Auto Body \& Related Repairer
- Bus \& Truck Mechanics and Diesel Engine Specialists
- Brick Layer/Mason/Plasterer
- Computer Numerically Controlled Machine Tool Programmer
- Construction Equip Operators*
- Custodian
- Diesel Equipment Operator
- Electrical Power-Line Installer/Repairer
- Industrial Machinery Mechanic*
- Machinist ${ }^{*}$
- Roofer
- Security System Installer
- Welder/Cutter/Solderer/Brazer


## Community/Technical College

(Certificate, Apprenticeship, or Assoc. Degree Program)

- Carpenter*
- Computer-Aided Designer
- Electrician ${ }^{*}$
- Engineering Technician
- Facilities Management
- Heavy \& Tractor-Trailer Truck Driver*
- HVAC Mechanic \& Installer*
- Industrial Engineering Technician
- Mechanical Engineering Technician
- Millwright
- Plumber/Pipefitter/Steamfitter*
- Sheet Metal Worker


## College/University

(Undergraduate, Graduate or Post-Graduate Programs)

- Architect
- Architectural \& Engineering Manager*
- Biomedical Engineer
- Chemical Engineer
- Civil Engineer
- Commercial \& Industrial Designer
- Computer Analyst/Programmer
- Construction Manager*
- Electrical Engineer*
- Industrial Engineer*
- Industrial Production Manager
- Mechanical Engineering Technician
- Mechanical Engineer
- Operations Research Analyst
- Software Developer ${ }^{\star}$
* State of Michigan's high-demand, high-wage careers that show a favorable mix of long-term job growth, projected annual job openings, and median wages through 2028. They do not necessarily reflect current hiring demand.


## Career Pathways



## Health Sciences

Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment, and related health technologies.

Do you like to care for people or animals who are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic? This may be your Career Path!

## Possible School and Community Activities

- Athletic Teams
- Baby-sitting
- Career Fairs
- Follow career related activities in Newspapers or on the Internet
- Part-time employment/internship in related field
- Peer Tutoring
- Speech Contests
- Student Government
- Volunteer Opportunities:
- Hospice
- Hospital
- Nursing Home
- Red Cross
- Special Olympics



## Career Pathways

## Potential Careers in Health Sciences

## High School Diploma

(with Vocational Background or on-the-Job Training)

## Community/Technical College

(Certificate, Apprenticeship, or Assoc. Degree Program)

- Animal Caretaker
- Clinical Assistant
- Dental Assistant
- Dietary Aide
- Home Health Aide
- Medical Office Assistant
- Personal Care Aide
- Cardiovascular Technologist and Technician
- Dental Hygienist
- Diagnostic Medical Sonographer
- Massage Therapist
- Medical Assistant
- Medical Transcriptionist
- Optometry Technician
- Paramedic
- Pharmacy Technician
- Physical Therapy Assistant*
- Radiographic Technician
- Respiratory Therapist
- Surgical Technician
- Veterinary Assistant


## College/University

(Undergraduate, Graduate or Post-Graduate Programs)

- Chemist
- Chiropractor
- Dentist
- Health Specialties Teachers, Postsecondary*
- Medical \& Health Service Manager*
- Nurse Practitioner ${ }^{*}$
- Nutritionist/Dietician
- Occupational Therapist*
- Optometry
- Pharmacist
- Physical Therapist*
- Physician/Surgeon*
- Physician Assistant ${ }^{*}$
- Psychologist
- Registered Nurse ${ }^{\star}$
- Speech \& Language Pathology*
- Veterinarian

[^2]Michigan's Hot 50 Job Outlook through 2028

## Career Pathways



## Human Services

Careers in this path are related to economic, political, and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services, and personal services.

Are you friendly, open, understanding, and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children? This could be your Career Path!

## Possible School and Community Activities

- Athletic Teams
- Baby-sitting
- Career Fairs
- Coach Youth Sports
- Community Service
- Day Care Volunteer/Worker
- Follow career related activities in Newspapers or on the Internet
- Part-time employment/internship in related field
- Peer Tutoring
- School Plays
- Speech Contests
- Student Government
- Volunteer Opportunities:
- Church
- Hospice
- Hospital
- Nursing Home
- Special Olympics



## Career Pathways

## Potential Careers in Human Services

## High School Diploma

(with Vocational Background or on-the-Job Training)

- Animal Services Worker
- Beauty Consultant
- Child Care
- Corrections Officer
- Firefighter
- Fitness Instructor
- Flight Attendant
- Food Service
- Life Guard
- Nanny
- Personal Assistant
- Teacher Assistant


## Community/Technical College

(Certificate, Apprenticeship, or Assoc. Degree Program)

- Computer Trainer
- Corrections Officer
- Cosmetologist
- Court Reporter
- Crime Lab Technician
- Early Childhood Educator
- Law Enforcement
- Legal Assistant/Paralegal*
- Legal Transcriptionist
- Security Management
- Translator


## College/University

(Undergraduate, Graduate or Post-Graduate Programs)

- Abuse/Crisis Counselor
- Clergy
- Crime Scene Investigator
- Criminal Justice
- Education Administrator*
- Educational Counselor*
- Healthcare Social Worker*
- Human Resource Specialist
- Lawyer*
- Political Scientist
- Psychology/Sociology
- Public Relations
- Social Work ${ }^{*}$
- Social \& Community Service Manager*
- Teacher*
- Vocational Counselor
* State of Michigan's high-demand, high-wage careers that show a favorable mix of long-term job growth, projected annual job openings, and median wages through 2028. They do not necessarily reflect current hiring demand.

Michigan's Hot 50 Job Outlook through 2028

## Career Pathways



## Natural Resources \& Agriscience

Careers in this path are related to agriculture, the environment, and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting and fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment? This might be your Career Path!

## Possible School and Community Activities

- 4-H Activities/Shows
- Adopt-A-Highway
- Career Fairs
- Coach Youth Sports
- Community Service
- Ecology Projects
- Environmental Club
- Follow career related activities in Newspapers or on the Internet
- Part-time employment/internship in related field
- Peer Tutoring
- Science Museum Worker/Volunteer
- Science Related Competitions
- Science Olympiad
- Scouting/Explorer Activities
- Volunteer at Nature Center/Park
- Volunteer Firefighter



## Career Pathways

## Potential Careers in Natural Resources \& Agriscience

## High School Diploma

(with Vocational Background or on-the-Job Training)

- Animal Caretaker
- Farm Worker
- Florist
- Greenhouse/Nursery Assistant
- Horse Trainer
- Landscaping Assistant
- Pest Controller
- Wildlife Technician


## Community/Technical College

(Certificate, Apprenticeship, or Assoc. Degree Program)

- Biological Technician
- Conservation Officer
- Farm Manager
- Forestry Technician
- Golf Course Management
- Horticulturist
- Landscape Design
- Nursery Worker
- Park Ranger
- Solar Energy Technician
- Veterinarian Technician


## College/University

(Undergraduate, Graduate or Post-Graduate Programs)

- Agricultural Engineer
- Astronomer
- Biologist
- Botanist
- Chemist
- Conservation Officer
- Forensic Scientist
- Forester
- Landscape Architect
- Marine Biologist
- Meteorologist
- Oceanographer
- Physicist
- Wildlife Management

[^3]
## Career Pathways

## Career Focused Education Course Progression

Middle School $\longrightarrow$ High School

| Career Pathway |  |  |  |
| :---: | :---: | :---: | :---: |
| Industrial \& Engineering Technology | Business, Management \& Technology | Arts \& Communication | Human <br> Services |
| Middle School Programming |  |  |  |
| Pre-Engineering | Digital Technology | Communication Arts | Health |
| High School Programming |  |  |  |
| Automotive Tech (MHS) | Accounting (LHS \& MHS) | Broadcasting/Video (LHS) | Education General (MHS) |
| Construction (MHS) | AP Computer Science <br> (LHS \& MHS) | Graphic Arts <br> (LHS) |  |
| Drafting (MHS) | Business <br> (HHS, LHS \& MHS) | Theater \& Stage Craft (MHS) |  |
| Engineering/CAD <br> (LHS) | Cybersecurity (LHS \& MHS) |  |  |
| Hands-on OP Skills (MHS) | Graphic Arts <br> (LHS) |  |  |
| Manufacturing (MHS) | Information Technology <br> (LHS \& MHS) |  |  |
|  | Marketing (LHS \& MHS) |  |  |

Learning that works for Mıchıgan
CTE

## Career Pathways

## Your Career Pathway Progression



## Career Pathways

## Career Pathway Exploration Resources

## XELLO

Used to update their EDP each year in school, students can access this resource anytime from home with their individual login information.

## $\mathbf{O}^{*}$ Net

Additional career exploration resource with specific information on current career trends.

## Occupational Outlook Handbook (OOH)

Additional career information on job growth, pay, and duties.

## State of Michigan

Highlights Michigan's high-demand, high-wage careers that show a favorable mix of long-term job growth, projected annual job openings, and median wages through 2028.


## Grade 6 - Student Scheduling and Course Descriptions

| Required Courses (5 hours) | English Language Arts 6 (Full Year) |  |  |
| :---: | :---: | :---: | :---: |
|  | Math 6 or Math 6 Advanced (Full Year) |  |  |
|  | Science 6: Physical Science (Full Year) |  |  |
|  | Social Studies 6: Geography (Full Year) |  |  |
|  | Stem Block |  | Health \& Wellness Block |
|  | Digital Technology 6 (1 Term) | PreEngineering 6 (1 Term) | Physical Education 6 (1 Semester) |


|  | Band 6 (Full Year) |  |
| :---: | :---: | :---: |
|  | Choir 6 (Full Year) |  |
|  | $\begin{gathered} \text { Art } 6 \\ \text { (1 Semester) } \end{gathered}$ | Communication Arts 6 (1 Semester) |
| Elective Courses (1 hour) | ELA 6 Foundations (1 Semester) | Math 6 Foundations (1 Semester) |
|  | EL (English Learner) English Language Development (Sheltered ELA) (Full Year) |  |
|  | EL (English Learner) Academic Skills (1 Semester) | Skills for Success (SFS) 6 (1 Semester or 1 Year) |

Back to Middle School FAQs

## Grade 6 - Required Courses

English Language Arts 6<br>Year<br>Prerequisite: None

Sixth grade English Language Arts continues to develop students' skills in vocabulary, comprehension, and writing. Students actively participate in the process of reading, writing, speaking and listening. Students learn about the crafting techniques that are common to narrative, informative, and argument writing; and write a personal narrative, a literary essay, and an argument-based multimedia presentation and speech.

Math 6
Year
Prerequisite: None
Sixth grade students work toward mastery of fluency with all operations of whole, decimal, and fractional numbers. Students examine the use of factors and multiples to solve problems, the relationships among fractions, ratios, decimals, and percents, and solve ratio and rate problems using reasoning of multiplication and division. Students learn the procedures for dividing fractions and why it makes sense, calculate surface area and volume in applied situations, and extend their knowledge of rational numbers. Students compute with decimals and percents in real-world situations, calculate and graph various measures of central tendency, use variables to write expressions and equations that correspond to given situations, construct and analyze tables to write equations that describe relationships between quantities, and solve simple one-step equations. As in all mathematics courses, the Standards for Mathematical Practice are the "processes and proficiencies" by which all other mathematics standards are taught.

## Math 6 Advanced

Prerequisite: Staff Recommendation
In this course, students work at an accelerated pace compared to the regular grade level course. Students will be exposed to a year and a half of content within one year while demonstrating proficiency in concepts beyond their grade level. The curriculum includes all the 6th grade Michigan Standards for Mathematics and approximately the first half of the 7th grade standards. The units of study in this course include Rational Numbers; Ratios, Proportions and Percents; Geometry; Statistics and Data Displays; and Expressions, Equations and Inequalities. See course descriptions for Math 6 and Math 7 for a more detailed description of the topics included within these units.

Science 6: Physical Science
Year
Prerequisite: None
Science 6: Physical Science is an introductory course aligned to the Michigan Science Standards, also known as the Next Generation Science Standards (NGSS). Students will engage in three dimensional learning of cross cutting concepts, science and engineering practices, and disciplinary core ideas. Units of study include Introduction to Matter and Scientific Inquiry Chemistry of Materials, Chemical Reactions, Energy, Fields and Interactions, Force and Motion, and Waves.

## Social Studies 6: Geography

Year
Prerequisite: None
Sixth grade social studies is a geography-based course which introduces students to the physical and human geography of the world. In this course, students will examine a variety of global issues that come from human activities. These issues are examined through case studies from different regions of the world. Students also assess the extent to which geographic, historical, political, socio-cultural, and/or economic factors account for differences in the causes and/or consequences of global phenomena.

## Grade 6 - Required Courses

## Digital Technology 6

## Term

Prerequisite: None
Digital Technology 6 serves as an initial exploration of the skills and tools needed to succeed in a digital world. Students will leverage technology to take an active role in choosing, achieving, and demonstrating competency in their learning goals, using a wide variety of digital tools to construct knowledge, produce creative projects, and make meaningful learning experiences for themselves and others. Students will learn how to communicate clearly and express themselves creatively for a variety of purposes using the digital media appropriate to their goals. Keyboarding, file management, online safety, digital identity, and other important technology skills are emphasized.

## Pre-Engineering 6

Prerequisite: None
This course introduces the "research, design, and build" model. It also makes students look at how humans identify and solve problems as they study various technologies such as transportation, energy transfer, and fluid power. During the course, students develop an understanding of the nature of technology in our world, how technology and society affect each other, and the elements of the design process. As students use the design process they will recognize and value knowledge gained from other subjects as they apply that knowledge to identify and create solutions to problems. Students create a process-folio which is a record of their thinking.

## Physical Education 6

Semester
Prerequisite: None
Sixth grade Physical Education is a one semester course in which students begin to understand the role of lifelong fitness. This course provides unique learning opportunities for students to acquire knowledge, skills, fitness, and attitudes to enhance their quality of life through physical education. Students will participate in a wide variety of activities which include recreational games, individual sports, team sports, and fitness activities. Students will engage in meaningful experiences that promote learners to be independent and value a healthy, active lifestyle.


## Grade 6 - Elective Courses

## Art 6

Semester
Prerequisite: None
Sixth grade Art builds on the Elements of Art and Principles of Design that were introduced in elementary school. After students demonstrate an understanding of the Elements of Art and Principles of Design, they apply them in projects of both two and three dimensional works of art. This class fosters communication skills, creative abilities, the study of various cultures, self-discipline and persistence.

## Band 6

Year
Prerequisite: None
In this class, we will be developing basic musicianship skills on instruments. Students will perform in a small number of concerts. No prior experience is needed for this class.

## Choir 6

Year
Prerequisite: None
Sixth grade choir is an introduction to the choral world. Students learn how to read music, blend our voices, and how to perform. The choir goes on field trips to performances and shows as well as collaborates with the other middle and high schools. Choir is about exploring voices, working as a team and experiencing new music.

## Communication Arts 6

Semester
Prerequisite: None
The purpose of this course is to provide students with the opportunity to increase their presentation and listening skills. Through a variety of individual and collaborative speaking/performing projects, students will engage in critical thinking and develop more confidence with public speaking. Units will include improvisation, dramatic interpretation, formal and informal speeches, and basic theatrical structure (including the creation of artistic elements such as costumes, sets and props).

## English Language Arts 6 Foundations

Semester
Prerequisite: Staff Recommendation
The ELA 6 Foundations course is designed to help students, who are performing significantly below grade level, recover reading and writing skills. The course is taught using readers/writers workshop methodology: the readers workshop helps students to develop strategies to increase reading fluency and comprehension levels; the writers workshop helps students to develop confidence, voice and fluency as writers.

## EL (English Learner) Academic Skills

Semester
Prerequisite: Staff Recommendation
Students will gain critical skills to support English language development and academic success. Areas of study will include organization, time management, study and test taking strategies, and strategies for reading, writing, speaking and listening in English. Students will use their semester classes, lessons and activities to practice and apply these skills.

## EL (English Learner) English Language Development (Sheltered ELA)

In this yearlong course, students receive language development and academic English language support with a focus on reading, writing, listening, and speaking. This course and content fulfill the requirements for middle school English Language Arts courses.

## Grade 6 - Elective Courses

## Math 6 Foundations

Semester
Prerequisite: Staff Recommendation
The Math 6 Foundations course is designed to help students, who are performing significantly below grade level, recover math skills and conceptual understanding as well as support their learning of Math 6 content.

## Skills for Success 6 (SFS)

Skills for Success is designed to help students with organizing, planning, prioritizing and self-monitoring with an overall goal of supporting students in their academic classes. This course will provide a smaller class setting so that students are better able to receive individualized help as well as additional time to work on assignments from other classes. Strengthening skills in setting short and long-term goals, planning for projects, reviewing for assessments and progress monitoring are examples of the focus for this course.


## Grade 7 - Student Scheduling and Course Descriptions



Back to Middle School FAQs

## Grade 7 - Required Courses

English Language Arts 7<br>Prerequisite: None

Year

In seventh grade English Language Arts, students participate in a reading workshop that hones reading skills through lessons on setting, inference, plot, tone, mood, voice, theme, conflict, and literal evidence. They also explore a variety of informational text structures that will challenge their ability to analyze, cite evidence, and draw inferences from text. Students will participate in the writing process through a variety of pieces, including a personal narrative or memoir, a research report, and an argument-based multimedia presentation and speech.

```
Math 7
Year
Prerequisite: None
```

In seventh grade, students draw, construct, and describe geometric figures. They use knowledge of angles and writing equations to describe relationships between figures and to solve problems. Students continue developing knowledge of the number system as they extend their previous understandings of operations with fractions to add, subtract, multiply, and divide positive and negative rational numbers. For the first time, students are introduced to probability. Students continue analyzing one variable statistics and use random sampling to think about data sets and use mathematical tools to compare two data sets. A primary focus of the course is the development of proportional reasoning. Proportional reasoning serves as a foundation to support connections between mathematical ideas and coherence across grades. As in all mathematics courses, the Standards for Mathematical Practice are the "processes and proficiencies" by which all other mathematics standards are taught.

## Math 7 Advanced

Year
Prerequisite: Math 6 - Advanced
In this course, students work at an accelerated pace compared to the regular grade level course. Students will be exposed to a year and a half of content within one year while demonstrating proficiency in concepts beyond their grade level. The curriculum includes approximately half the 7th grade Michigan Standards for Mathematics and all of the 8th grade standards. The units of study in this course include Equations and Angle Relationships; Geometry; Linear Systems and Functions; Real Numbers and Exponents; and Probability and Data Analysis. See course descriptions for Math 7 and Math 8 for a more detailed description of the topics included within these units.

## Science 7: Life Science

Prerequisite: None
Science 7: Life Science is an introductory course aligned to the Michigan Science Standard, also known as the Next Generation Science Standards (NGSS). Students will engage in three dimensional learning of cross cutting concepts, science and engineering practices, and disciplinary core ideas. Units of study include Cells, Body Systems, Reproduction, Evolution, and Ecology.

## Social Studies 7: Ancient History

Prerequisite: None
Seventh grade social studies focuses on ancient world history and geography. The course investigates human history from the beginning until around 1500. Students learn that historians must have evidence to support the claims they make in their accounts, learn about the earliest humans, explore early migration and settlement patterns, take a comparative look at world religions, and examine how the emergence of pastoral and agrarian societies set the stage for the development of early modern civilizations.

## Grade 7 - Required Courses

## Digital Technology 7

Term
Prerequisite: None
Digital Technology 7 provides an exploration of the tools and skills needed for a wide variety of jobs in the workplace. Units in this course are based upon the themes of digital ethics and security, career exploration, personal finance, and innovative design. While completing these units, students will learn the importance of building a positive digital footprint, discover job possibilities, work with spreadsheets to organize and communicate data, and use basic coding while creating 3-D designs in a digital space. As with Digital Technology 6 , the development of skills in areas such as keyboarding, file management, online safety, and digital identity is always emphasized.

## Health 7

Term
Prerequisite: None
Utilizing the Michigan Model for Health Curriculum, students learn accurate and current information on the following units of study: Social and Emotional Health, Safety and Violence Prevention, Healthy Eating \& Physical Activity, Tobacco, Alcohol \& Other Drug Prevention, and Reproductive Health. Through participation in this course, students gain knowledge and skills necessary to make healthy decisions in a wide range of physical, emotional, and social issues.

## Physical Education 7

Term
Prerequisite: None
Seventh Grade Physical Education is a ten week course in which students add to their understanding of personal conditioning skills. During this course they will add specific training principles and strategies to assist them in improving their personal fitness goals. Students will also be introduced to a variety of weight resistance techniques. Attention will be given to advanced skill development and application in game situations. During individual, dual, and team sports they will enhance their knowledge of rules, skills, and teamwork. They will develop strategies to play sports more successfully. Students will learn to appreciate the value of skill acquisition and development.

## Pre-Engineering 7

Prerequisite: None
The jobs of the future call for creative thinkers that can synthesize their academic skills and work as a team. In Pre-Engineering students will utilize S.T.E.M., (Science, Technology, Engineering and Mathematics) to solve real world problems. The activities and projects will vary between independent, partner, and small group collaboration opportunities. Focus is on the engineering design process. In addition, students have the opportunity to be creative and social.


## Grade 7 - Elective Courses

## Art 7

Semester
Prerequisite: None
This semester course builds upon the Elements of Art and the Principles of Design that students have studies in Sixth Grade Art. A variety of materials and techniques are used as students create more advanced works of art. Creativity and problem solving is emphasized. Students create two and three dimensional works of art and critique their own artwork and the artwork of others.

## Band 7

Year
Prerequisite: None
In this class, we will continue to develop musicianship skills. Students will be involved in a wide range of performance opportunities. New students to band are welcome to take this class as well.

## Choir 7

Year
Prerequisite: None
Seventh and eighth grade choirs are a continuation of exploring the choral world. Students continue to learn how to interact with our music, find harmonies, and perform in a professional manner. The choirs go on field trips to shows and choral competitions as well as the potential for overnight trips. Also, students collaborate musically with the other middle and high schools. Choir helps build teamwork skills and provides opportunities to become a better musician all while being a part of the HVS choir community.

## Communication Arts 7

Semester
Prerequisite: None
Students in this class will develop their communication skills both individually and with others. Student ownership is a core element in this course. There are theatre components such as individual, duet, and group performances, along with learning the different aspects of stagecraft. The course also includes digital components such as video and graphic arts where students will use various media platforms to communicate an intended message to an audience.

## English Language Arts 7 Foundations

Semester
Prerequisite: Staff Recommendation
The ELA 7 Foundations course is designed to help students, who are performing significantly below grade level, recover reading and writing skills. The course is taught using readers/writers workshop methodology: the readers workshop helps students to develop strategies to increase reading fluency and comprehension levels; the writers workshop helps students to develop confidence, voice and fluency as writers.

## EL (English Learner) English Language Development (Sheltered ELA) <br> Year <br> Prerequisite: Staff Recommendation

In this yearlong course, students receive language development and academic English language support with a focus on reading, writing, listening, and speaking. This course and content fulfill the requirements for middle school English Language Arts courses.

## EL (English Learner) Academic Skills <br> Semester <br> Prerequisite: Staff Recommendation

Students will gain critical skills to support English language development and academic success. Areas of study will include organization, time management, study and test taking strategies, and strategies for reading, writing, speaking and listening in English. Students will use their semester classes, lessons and activities to practice and apply these skills.

## Grade 7 - Elective Courses

## Math 7 Foundations

Semester
Prerequisite: Staff Recommendation
The Math 7 Foundations course is designed to help students, who are performing significantly below grade level, recover math skills and conceptual understanding as well as support their learning of Math 7 content.

## Skills for Success 7 (SFS)

Semester or Year
Prerequisite: Staff Recommendation
Skills for Success is designed to help students with organizing, planning, prioritizing and self-monitoring with an overall goal of supporting students in their academic classes. This course will provide a smaller class setting so that students are better able to receive individualized help as well as additional time to work on assignments from other classes. Strengthening skills in setting short and long-term goals, planning for projects, reviewing for assessments and progress monitoring are examples of the focus for this course.


## Grade 8 - Student Scheduling and Course Descriptions

| Required Courses (4 hours) | English Language Arts 8 (Full Year) |  |
| :---: | :---: | :---: |
|  | Math 8 or Honors Algebra 1 (HS Credit) (Full Year) |  |
|  | Science 8: Environmental Science (Full Year) |  |
|  | Social Studies 8: US History - American Revolution through 1900 (Full Year) |  |
|  | Band 8 (Full Year) |  |
|  | Choir 8 (Full Year) |  |
|  | Spanish 1 (HS Credit) (Full Year) |  |
|  | Art 8 <br> (1 Semester) | Fundamentals of Art \& Design (HS Credit) (1 Semester) |
|  | Engineering 8 <br> (1 Semester) | Intro to Multi-Media 8 (1 Semester) |
|  | Jazz Band 8 <br> (1 Semester) | LACES 8 <br> (Learning \& Caring for Every Student) (1 Semester) |
| Elective Courses (2 hours) | Physical Education 8 Personal Conditioning (1 Semester) | Physical Education 8 - <br> Team Sports <br> (1 Semester) |
|  | Student Leadership 8 (1 Semester) | Theatre Arts 8 <br> (1 Semester) |
|  | Video Productions 8 (1 Semester) | EL (English Learner) Academic Skills ( 1 Semester) |
|  | EL (English Learner) English Language Development (Sheltered ELA) (Full Year) |  |
|  | ELA 8 Foundations (1 Semester) | Math 8 Foundations (1 Semester) |
|  | Skills for Success (SFS) 8 <br> (1 Semester or 1 Year) |  |

## Grade 8 - Required Courses

English Language Arts 8<br>Year<br>Prerequisite: None

Eighth grade English Language Arts provides students with a critical foundation in reading and writing narrative, informational, and argument texts. Through analysis and production of texts in these three modes, students become more adept readers, thinkers, and writers. Across the year, they come to understand the distinctions between narrative, informational and argument texts by studying fiction and nonfiction in a variety of formats and developing a more thorough understanding of audience and purpose when both reading and writing.

| Math 8 |  |
| :--- | :--- |
| Prerequisite: None | Year |

In eighth grade, students begin to develop the concept of functions and how to explore and represent them with tables, equations, and graphs. They analyze linear functions and solve linear equations, and extend learning to include systems of linear equations. The use of scientific notation and rules of exponents is also introduced. Students study other concepts including statistics and geometry. Statistics moves from one variable statistics to two variable statistics. In their study of geometry, students transform geometric figures using reflections, rotations, dilations, and translations to justify congruence and similarity of figures. They also work with radicals and integer exponents as they use the Pythagorean Theorem and solve problems involving the volume of cylinders, cones, and spheres. As in all mathematics courses, the Standards for Mathematical Practice are the "processes and proficiencies" by which all other mathematics standards are taught.

## Honors Algebra 1 (High School credit*)

Year
Prerequisite: Math 7 - Advanced
In Algebra 1, students continue their study of linear function at an advanced level. Students will solve, graph, and write linear functions, as well as study systems of linear functions and other appropriate applications. Students will also deepen their study of exponential functions - including growth, decay, and other real world applications. Students will complete the course through an introduction to polynomials and quadratic functions. This course lays the foundation for students to continue on the advanced math pathway into their high school career.
${ }^{*}$ Middle school courses that address the MDE High School Merit Curricular requirements will count towards high school graduation and credits. However, middle school grades will not be included in the high school GPA for any purpose.

## Science 8: Environmental Science

Prerequisite: None
Science 8: Environmental Science is an introductory course aligned to the Michigan Science Standards, also known as the Next Generation Science Standards (NGSS). Students will engage in three dimensional learning of cross cutting concepts, science and engineering practices, and disciplinary core ideas. Units of study include Land, Water, \& Human Interaction, Geological Processes, Solar System \& Beyond, Weather \& Climate, and Earth's Resources.

## Social Studies 8: US History - American Revolution through 1900

This course introduces students to American history from the Revolution through 1900, with an emphasis on the values and ideals of our constitutional republic. Students deepen their understanding of history as they use primary and secondary sources to both support and analyze historical arguments and narratives. Students explore the Revolutionary era, the creation of the Constitution and challenges to the early republic, westward expansion, the Civil War era and Reconstruction, reform movements, and changes facing our country at the end of the 19th century including industrialization and immigration.

## Grade 8 - Elective Courses

## Art 8

Semester
Prerequisite: None
This semester course builds upon the Elements of Art and the Principles of Design that students have studied in sixth and seventh grade Art. A variety of materials and techniques are used as students create more advanced works of art. Creativity and problem solving is emphasized. Students create two and three dimensional works of art and critique their own artwork and the artwork of others.

## Fundamentals of Art \& Design (High School credit*)

## Semester

Prerequisite: Art 8
Fundamentals of Art and Design (Design) is intended to provide a foundation for advanced courses and satisfies the .5 Visual Performing Applied Arts credit required for graduation. It is designed to provide a beginning experience in the visual arts, primarily, but not exclusively, two-dimensional. This course will explore a variety of mediums including graphite, charcoal, pen/ink, pastel, tempera, watercolor, acrylic, and clay. Students will also explore a variety of artists, art processes and materials such as drawing, painting, printmaking, 2D and 3D design. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition, utilizing essential vocabulary and exploring art history from various perspectives. Current trends including art in science and technology along with art in the potential "job market" will be examined. Students will learn how to exhibit, present, and publish quality works of art. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience. A lab fee is required.
${ }^{*}$ Middle school courses that address the MDE High School Merit Curricular requirements will count towards high school graduation and credits. However, middle school grades will not be included in the high school GPA for any purpose.

## Band 8

Prerequisite: None
In this class, we will continue to develop musicianship skills. Students will be involved in a wide range of performance opportunities. New students to band are welcome to take this class as well.

## Choir 8

Seventh and eighth grade choirs are a continuation of exploring the choral world. Students continue to learn how to interact with our music, find harmonies, and perform in a professional manner. The choirs go on field trips to shows and choral competitions as well as the potential for overnight trips. Also, students collaborate musically with the other middle and high schools. Choir helps build teamwork skills and provides opportunities to become a better musician all while being a part of the HVS choir community.

## Engineering 8

Semester
Prerequisite: None
This semester-long course is designed to build upon the concepts learned in Pre-Engineering 6 and PreEngineering 7. Students will use the design process and engage with a variety of engineering projects. Students are exposed to learning opportunities that build the collaboration and problem-solving skills needed for a lifetime of learning and working. Students are immersed in a collaborative experience, seeking to answer questions through hands-on discovery and experimentation. These projects give students a deeper exposure to a variety of different engineering fields which may include (but are not limited to) Mechanical, Civil, Electrical, Transportation, and Computer Engineering.

## Grade 8 - Elective Courses

## English Language Arts 8 Foundations

Semester
Prerequisite: Staff Recommendation
The ELA 8 Foundations course is designed to help students, who are performing significantly below grade level, recover reading and writing skills. The course is taught using readers/writers workshop methodology: the readers workshop helps students to develop strategies to increase reading fluency and comprehension levels; the writers workshop helps students to develop confidence, voice and fluency as writers.

## EL (English Learner) Academic Skills

Semester
Prerequisite: Staff Recommendation
Students will gain critical skills to support English language development and academic success. Areas of study will include organization, time management, study and test taking strategies, and strategies for reading, writing, speaking and listening in English. Students will use their semester classes, lessons and activities to practice and apply these skills.

## EL (English Learner) English Language Development (Sheltered ELA) <br> Prerequisite: Staff Recommendation

In this yearlong course, students receive language development and academic English language support with a focus on reading, writing, listening, and speaking. This course and content fulfill the requirements for middle school English Language Arts courses.

## Introduction to Multimedia 8

Semester
Prerequisite: None
Introduction to Multimedia 8 explores a wide variety of current digital design practices to convey ideas and information visually, graphically, and auditorily. Units in this course will explore the skills needed to produce websites, podcasts, digital videos, video games, graphic designs, and virtual reality spaces. In completing these units, students will continue to learn the importance of building a positive digital footprint while engaging in the design process using a variety of platforms, tools, and formats.

## Jazz Band 8

Semester
Prerequisite: None
This class is for any 8th grader who is currently registered in a regular band class. Students may play secondary instruments, if they choose to and students can play drum set, bass guitar, guitar, and piano, as well. This class performs in a variety of performances each spring.

## LACES 8 (Learning and Caring for Every Student)

Semester
Prerequisite: Course Application
This class provides an opportunity for Peer to Peer support. Students who are selected as LACES receive specialized training and are paired with a special needs student to assist them in their social and academic development.

## Math 8 Foundations

Semester
Prerequisite: Staff Recommendation
The Math 8 Support course is designed to help students, who are performing significantly below grade level, recover math skills and conceptual understanding as well as support their learning of Math 8 content.

## Grade 8 - Elective Courses

Physical Education 8 - Personal Conditioning<br>Semester<br>Prerequisite: None

In this semester long course students will be introduced to various fitness concepts such as: assessment, cardiorespiratory and muscular strength training. The students establish goals and keep fitness logs to emphasize consistent and effective fitness planning. Goal setting, training techniques, personal fitness programs, and individual levels of performance are emphasized. Students develop an understanding of cardio-respiratory fitness, muscular strength training and explore potential risks associated with these activities. After they assess their own initial fitness levels, they develop a plan for self-improvement and understand the benefits to lifelong health and fitness.

## Physical Education 8 - Team Sports

Semester
Prerequisite: None
This P.E. course is designed for the student who enjoys participating in sports in a team atmosphere. The course includes basic physical education concepts as well as those lifetime activities that the student is likely to participate in (i.e.: basketball, volleyball, team handball, footbasket, soccer, flag football, softball, rackets).

## Skills for Success 8 (SFS)

Semester or Year
Prerequisite: Staff Recommendation
Skills for Success is designed to help students with organizing, planning, prioritizing and self-monitoring with an overall goal of supporting students in their academic classes. This course will provide a smaller class setting so that students are better able to receive individualized help as well as additional time to work on assignments from other classes. Strengthening skills in setting short and long-term goals, planning for projects, reviewing for assessments and progress monitoring are examples of the focus for this course.

Spanish 1 ( ${ }^{*}$ High School Credit) Year
Prerequisite: GPA and Availability
The Spanish 1 high school curriculum introduces students to the Spanish language and culture. Emphasis is placed on developing meaningful authentic communication in Spanish in a variety of contexts. To develop language proficiency students communicate verbally and in writing through familiar topics focusing on themselves and the world in which they live which includes family, school and community. By engaging in meaningful communication students become familiar with Spanish life and culture and gain a better understanding of their role as a citizen in a global society. Students broaden their cultural knowledge by exploring the regions of the world where Spanish is spoken. Through new information and insights into cultures, customs and traditions of the Spanish-speaking world, students begin to demonstrate respect for other cultures and begin to recognize differences and similarities between their own culture and other cultures. Throughout the year, students continue learning how to communicate effectively in Spanish and demonstrate awareness of Spanish language and culture.

[^4]
## Student Leadership 8

Semester
Prerequisite: None
Learn valuable character qualities and rewarding skills to be successful in your life! Using those skills, students will participate in planning and implementation of school-wide activities. Leadership skills being developed will be used to enhance the school community.

## Grade 8 - Elective Courses

## Theatre Arts 8

Semester
Prerequisite: None
Students in this eighth grade course are enhancing their theatrical stage and technical skills. Through multiple performances, the students will demonstrate their skills and growth. They will produce written, verbal and visual responses to dramatic material while analyzing character motives/emotions and making clear artistic choices.

## Video Productions 8

Prerequisite: None
This class will consist of working with several different medias. Students will produce a video production of the school announcements every day. The show consists of writing/scripting, directing, producing graphics, teleprompting, camera operation, lighting, sounds, and acting. Students will also cover post production; digitizing, linear vs. non-linear editing and publishing. Along with the production and postproduction of the show, students will be working with multiple software applications to help prepare the daily show.


## Special Education

In order to receive special education services at Huron Valley Schools, students must meet strict State of Michigan guidelines and must be certified in at least one of the following areas:

- Speech and Language Impaired
- Learning disabled
- Emotionally impaired
- Hearing impaired
- Visually impaired
- Autism Spectrum Disorder
- Otherwise Health Impaired
- Cognitive Impairment
- Other specific disabilities outlined in the state guidelines

Huron Valley Schools' Special Services department includes a variety of programs designed to meet the unique needs of students. The department staff includes a teacher consultant, resource room teachers, work study coordinator, psychologists, social worker, speech and language pathologist, and other ancillary staff. Our staff works together to provide a variety of supports and services. We offer a full continuum of support to assist each student in working toward meeting his/her goals and objectives. Status updates on goals and objectives are provided throughout the year.

Specific classes taught within the Special Services Department vary from year to year depending upon the needs of our students. Most of these classes parallel the academic curriculum offered in general education and follow the Michigan Merit Curriculum. In some cases, a student's specialized program will lead to a Certificate of Completion. The needs of students are met through the use of specialized instruction, accommodations, ancillary services and transition support. Support is determined through the IEP process.



## Muir Middle School

425 George Street Milford, MI 48381
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## Oak Valley Middle School

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[^0]:    * State of Michigan's high-demand, high-wage careers that show a favorable mix of long-term job growth, projected annual job openings, and median wages through 2028. They do not necessarily reflect current hiring demand.

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