

**ALMONT MIDDLE SCHOOL
COURSE CURRICUUM
GUIDE**

2019-2020



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COURSE DESCRIPTIONS

ART

5th grade Art

Art in fifth grade is designed to give students a sampling of art materials and methods. These include: drawing, painting, sculpture, ceramics, Art History and Art Production. During the course of the year students will participate in discussion, examination and creation of art. Students will focus on developing creative problem solving skills, visual literacy, and personal expression.

6th grade Art

Art in sixth grade is designed to introduce students to a variety of art materials and methods. These include: drawing, painting, sculpture and ceramics, Art History, Art Critique, and Art Production. Students will participate in discussion, examination and creation of art. Students will focus on developing creative problem solving skills, visual literacy, and personal expression.

7th grade Art

Art in seventh grade is designed to solidify students' understanding of art materials and methods. These include: drawing, painting, sculpture and ceramics, Art History, Art Critique, and Art Production. Students will participate in discussion, examination and creation of art. Students will focus on developing creative problem solving skills, visual literacy, and personal expression.

8th grade Art

Art in eighth grade continues to expand the students' knowledge, art skills, and methods. These include: drawing, painting, sculpture and ceramics, Art History, Art Critique, and Art Production. Students will participate in discussion, examination and creation of art. Students are encouraged to find inspiration within themselves to create images and artwork that represent them.

6th grade Art PILOT

Students will express their artistic flair through a variety of mediums, as well as a variety of techniques. They will learn some of the basic elements of art: space, color, and line. They will be exposed to artists' work and will be briefed on some of the more "colorful" facts of their lives.

ENGLISH LANGUAGE ARTS

5th grade ELA

Fifth grade students will work on improving their oral and written language skills throughout the course of the year. The students will begin each day with Daily Oral Language (D.O.L.) in class. The sentences require students to find errors in capitalization, spelling, punctuation, and verb usage. The students also learn one vocabulary word each day (M-Th) to expand their knowledge of the vocabulary around us. Furthermore, students will improve their communication skills by writing essays, reports, journals, and speeches. Increasing the students' knowledge and understanding of the written and spoken language will remain a priority throughout middle school.

Reading and Writing

Fifth graders will take part in a workshop style approach to reading and writing. The workshop will begin with a mini lesson that focuses on a skill or strategy that will be important for reading and writing. After the lesson, students will be involved in several minutes of reading or writing activities that foster the strategies being taught. The reading material will be adjusted to students either individually or in small groups based on their needs to become proficient readers and writers.

At times all students will read the same material, but for the most part, in order to help students achieve their goals in reading, the material must be adjusted to their independent level of reading. This will help them improve and/or excel in their reading development.

Throughout the course of the workshops, students will demonstrate their knowledge by way of quizzes, book reports, projects, and retellings. They will be working with independent books, leveled readers, and small group texts with teacher guidance. This will give them a well-rounded experience and help them become better readers.

The writing workshop runs the same way. Students will study the 6 Traits of Writing and learn the purpose of writing, genres, author's craft, and individual style. They will publish their own pieces, edit with peers, and complete the steps of the writing process. Working through the cycle will help them develop into lifelong writers.

6th grade ELA

In this course, sixth grade students will gain an independence, self-awareness and confidence in themselves as thinkers and learners through the foundation in reading and writing narrative, informational and argumentative texts. A love and appreciation for reading and writing are embedded through readers and writers workshop.

Strategies such as close reading, critical thinking, validation of a student's claim with supporting evidence, acknowledging counter-claims, determining credible sources, and the implementation of graphic organizers are used to engage and strengthen ELA skills. Additionally, students discover an author's purpose based on bias, tone, point of view, central idea/ theme or text structure enabling them to respond more definitively and poignantly both verbally and in written form. As students compose their own literary pieces, they become empowered writers, emulating authors' crafts, yet developing their own unique writer's style.

7th grade ELA

Welcome to 7th grade Language Arts! Our focus this school year will be learning and developing our skills as critical thinkers, readers, writers, speakers, and listeners. The development and mastery of these important literary skills not only is important to achieving success in the Language Arts classroom, it is a critical component of achieving success in other school subjects, building strong relationships with others, and attaining a flourishing career as an adult. Basically, the quality of life you experience now through adulthood will depend a lot on how well you read, write, and communicate with others. Students will publish several writing pieces throughout the year:

- Narrative (personal)
- Argumentative
- Expository
- Poetry
- Literary Analysis
- Independent Book Project

8th grade ELA

Welcome to 8th grade Language Arts! Our focus this school year will be learning and developing our skills as critical thinkers, readers, writers, speakers, and listeners. Reading instructions will expose students to a variety of reading strategies for reading literary and expository texts. Writing instruction will include the development of written communication skills, including narrative, informative/explanatory, and argumentative writing. Standard English conventions are also developed throughout the year. The development and mastery of these important literary skills not only is important to achieving success in the Language Arts classroom, it is a critical component of achieving success in other school subjects, building strong relationships with others, and attaining a flourishing career as an adult.

FOREIGN LANGUAGE

The study of a second language has been singled out as a strong indicator for success on the university level. Analytical thinking skills increase as the students learn a language beyond their native tongue. In an increasingly bilingual nation, the study of Spanish and/or French is a valuable tool in today's world and work place. **These classes are available to students who demonstrate a high level of competency in English, standardized test scores, and other district provided assessments.**

Spanish I (Two Semesters)

Spanish I is designed to introduce basic vocabulary, grammatical structure, and cultural experience to the beginning students. Students work in partnerships to increase proficiency in the language. Many activities, small projects, skits, and videos are used to supplement the text and help learners of all types to begin to learn Spanish successfully. There is also a strong focus on reading and storytelling to enhance speaking and listening skills. Students will become involved in using the language through speaking, acting and gesturing vocabulary.

MATHEMATICS

5th grade Math

In fifth grade, students will continue to learn the math curriculum from the enVisionmath series; same series used in grades K-4. This program promotes the Common Core State Standards by developing math concepts through interactive and visual learning.

Teachers use Math Workshop to promote differentiated instruction for students with different needs. The students will spend a couple days per week on whole group lessons or activities, and the other two to three days will be spent in small groups and centers. This allows teachers to work with students who need more assistance, as well as provide challenges for students who are advanced in their knowledge. The main topics include place value, decimals, fractions, division/multiplication of decimals, reducing fractions, and an exposure to geometry.

Students will also need to work on their math fluency by way of Adapted Mind, Tenmarks, Moby Max, and Digit Whiz. These are all web-based programs that help students work consistently on skills they may need more practice on. All of these programs level and adapt to the needs of the students. Each week your child will need to complete the assigned lessons for credit and part of his or her grade.

6th grade Math

This course covers sixth grade Common Core math standards to prepare learners for Math 7. Throughout this course, students receive a basic introduction to algebra through writing, interpreting, applying and solving mathematical expressions and equations. Students increase their understanding of rational number operations. In addition, students study geometry, describing three-dimensional shapes and their properties (e.g., surface area and volume).

7th grade Math

This course covers a review of basic skills and pre-algebra concepts. It will be a combination of lecture, in-class tasks, activities, and practice. This course is designed to explore essential concepts of seventh grade common core standards and adequately demonstrate proficiency in:

- Rational Numbers
- Expressions and Equations
- Inequalities
- Ratios and Proportions
- Percent
- Scale Drawings
- Circles and Area
- Surface Area and Volume
- Probability and Statistics

8th grade Math

The ultimate goal of this course is to give the student a foundation for exploring and understanding algebra and geometry.

The 8th grade math standards specifically focus on the following concepts and by the end of their 8th grade year, students should be able to adequately demonstrate proficiency in:

- Solving multi-step equations
- Transformations of figures
- Angle relationships
- Scientific notation and exponential form
- Graphing and writing of linear equations in all three forms
- Solving systems of linear equations
- Linear and nonlinear functions
- Representing functions algebraically and graphically
- Square roots, cube roots and Pythagorean Theorem

- Volume of three-dimensional figures
- Data analysis and use lines of best fit
- Use of exponent rules

In addition to the main areas of focus, there are eight Mathematical Practice Standards that will be used to build on the student's ability to make sense of a variety of real world problems:

1. Make sense of problems and persevere in solving them
2. Reason abstractly and quantitatively
3. Construct viable arguments and critique the reasoning of others
4. Model with mathematics
5. Use appropriate tools strategically
6. Attend to precision
7. Look for and make use of structure
8. Look for and express regularity in repeated reasoning

Algebra I

This course is offered to 8th grade students who meet several requirements that include: high level standardized test scores, placement test scores, as well as 7th grade math grades. This is a course for high school credit and expects students to perform at a high school level. Algebra I is the study and the breakdown of the real number system. The course begins with a review of basic math concepts such as fractions and operations with negative numbers. Students will be introduced to variables, solving equations and simplifying expressions. The graphing of linear equations in standard, slope-intercept and point-slope form will be emphasized.

MUSIC

5th Grade Band

Fifth Grade Band is a course where students can learn the basics of music through performance of a band instrument in a fun group environment. They will study and practice the fundamentals of instrumental music at the beginning level with a special emphasis on learning proper tone on their instrument and the skills necessary to successfully perform at a basic level. They will perform at an “Info Concert” where they will show off all they have learned for the first half of the year and an end of the year band concert.

6th Grade Band

Sixth Grade Band is a course in which students will continue to develop upon the skills that were started in fifth grade band. Students will expand their abilities by developing their range on their instrument, increasing their knowledge of more complex rhythms and will learn a variety of styles of music. They will demonstrate their development by performing in two concerts (December and May).

7th Grade Band

Seventh Grade Band is a course in which students will develop their musicianship by focusing on the five primary musical skills: tone, intonation, technique, rhythm and interpretation in preparation for performing at MSBOA Festivals. They will perform three times per year, including at the MSBOA District Festival where they will be provided feedback from a panel of judges who are experts in the field. Seventh graders will also have an opportunity, if they choose, to perform at the MSBOA District Solo and Ensemble where they can perform a solo or small group for a judge and receive ratings, possibly a medal, and a small clinic from the judge who is an expert on their instrument.

8th Grade Band

Eighth Grade Band is a course in which students will expand their musicianship to the level necessary to become a part of the High School Band. They will continue to develop the five primary musical skills: tone, intonation, technique, rhythm and interpretation in preparation for performing at MSBOA Festivals. They will perform three times per year, including at the MSBOA District Festival where they will be provided feedback from a panel of judges who are experts in the field. Eighth graders will also have an opportunity, if they choose, to perform at MSBOA District Solo and Ensemble where they can perform a solo or with a small group for a judge and receive

ratings, possibly a medal, and a small clinic from the judge who is an expert on their instrument.

5th grade Choir

Fifth Grade Choir is an introduction to choir for fifth grade students. Students in this class will explore the world of choir and how it works. They will touch on basic music theory, as well as part reading and performing ensemble skills. The Fifth Grade Choir is an introductory vocal group in Almont Community Schools and will perform in two performances that are a requirement of the class.

6th grade Choir

Sixth Grade Choir is for any sixth grade student wanting to develop vocal music skills. Students in this class will learn basic music theory, as well as music reading and performance skills. The Sixth Grade Choir is an important vocal group in Almont Community Schools and will perform in an end of the semester performance that is a requirement of the class.

7th grade Choir

Seventh Grade Choir is for any 7th grade student wanting to develop vocal music skills in preparation for the High School Choirs. Students in this class will continue to develop music theory, as well as music reading and performance skills. The Junior High Chorale is an important vocal group in Almont Community Schools and will perform in several different performances outside the school day, including Festivals, which are a requirement of the class.

8th grade Choir

Eighth Grade Choir is for any 8th grade student wanting to expand vocal music skills in preparation for the High School Choirs. Students in this class will continue to develop music theory, as well as music reading and performance skills. The Junior High Chorale is an important vocal group in Almont Community Schools and will perform in several different performances outside the school day, including Festivals, which are a requirement of the class.

PHYSICAL EDUCATION and TECHNOLOGY

Physical Education/Health/Keyboarding - Grades 6-8 : This course is designed for those students to improve the five areas of health-related fitness including: cardiovascular efficiency; flexibility; muscular strength; muscular endurance; and body composition. Students will engage in classroom experiences, which emphasize personal lifestyle decisions related to reducing cardiovascular risk factors. Some of the activities students will participate in this class are touch football, volleyball, team handball, basketball, soccer and ultimate Frisbee. Emphasis will be placed on the development of fitness through participation in these vigorous activities. To supplement the physical activity, the class will meet once a week to take part in a series of health related lessons with emphasis on current health issues facing our middle school students. In addition to the PE/Health emphasis, this class spends approximately six weeks each semester focusing on keyboarding development to supplement the use of technology in the students' core classes.

P.E. 5: Physical Education 5 is a 5th grade physical education class. Here, the students are introduced to various physical skills and activities, with an emphasis on both life-long activities and specific sports skills. Each class meets once a week, with one additional class meeting each month.

6th grade PE

Physical Education 6 is a 6th grade physical education class. Here, the students are introduced to various physical skills and activities, with an emphasis on both life-long activities and specific sports skills.

7th grade PE

Physical Education 7 is a 7th grade physical education class. Here, the students are introduced to various physical skills and activities, with an emphasis on both life-long activities and specific sports skills.

7th/8th grade PE

Physical Education 7th/8th is a 7th and 8th grade combined physical education class. Here, the students are introduced to various physical skills and activities, with an emphasis on both life-long activities and specific sports skills.

SCIENCE

5th Grade Science

Three units are taught at the 5th grade level in science, they are as follows: Matter and Energy, Earth and Space Systems, and Energy in the Ecosystem. Science units offer a variety of experiences for students to be actively engaged and own their individual learning. Hands on experiences are frequent occurrences and offer a chance for students to make real-world connections. Curriculum is aligned with Next Generation Science Standards (NGSS).

6th Grade Science

The following units will be taught in 6th grade science: Matter and its Interactions, Energy, Ecosystems-Interactions, Energy and Dynamics, and Earth's Systems. Students will dissect owl pellets in Ecosystems to follow the flow of energy among organisms. In Energy, they will conduct various labs to calculate potential and kinetic energy, and even make ice cream to demonstrate endothermic and exothermic reactions! In Earth Systems, students follow the events happening on the surface of the earth and consider theories about the interior of the earth that contribute to earthquakes, mountain formation, and volcanoes. The Rock Cycle follows the studies of the surface of the earth.

***We utilize these disciplinary core ideas to guide our instruction. For middle school, science is cross-cutting and ideas overlap throughout grade levels (NGSS).**

Students in middle school continue to develop an understanding of four core ideas in the physical sciences. The middle school performance expectations in the Physical Sciences build on the K – 5 ideas and capabilities to allow learners to explain phenomena central to the physical sciences but also to the life sciences and earth and space science. The performance expectations in physical science blend the core ideas with scientific and engineering practices and cross-cutting concepts to support students in developing useable knowledge to explain real world phenomena in the physical, biological, and earth and space sciences. In the physical sciences, performance expectations at the middle school level focus on students developing

understanding of several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate an understanding of the core ideas. Students are also expected to demonstrate an understanding of several engineering practices including design and evaluation.

7th grade Science

Seventh grade students will explore several content areas within the school year. Units of study include: Energy, Earth's Atmosphere & Human Impact on Earth, Biology & Chemistry. Utilizing the new science standards, this course will empower students to develop and use models, plan and carry out investigations, analyze, and interpret data. The disciplinary core ideas, science and engineering practices and cross-cutting concepts drive the learning process for this course.

8th grade Science

In 8th Grade Science the focus is on Earth and Space Science. Students will explore the Earth's interior, its surface, its atmosphere, and its place in space. Throughout this course, a heavy emphasis will be placed on how these things impact the world outside of our classroom. Students will complete problem-based activities that require them to analyze, synthesize, and interpret data that will lead to a better understanding of our planet.

SOCIAL SCIENCE

5th grade Social Studies

This year social studies focuses on U.S. history and geography. At the beginning of the year, we focus on The Constitution and briefly discuss the three branches of government as they relate to this document. Students are also involved in learning about current events as they use *Scholastic News* (magazines) and *Newsela*, which is a website with articles leveled at their reading levels. Quizzes will also be assigned using this program.

Further topics of study include Native American Life, Life in the 13 Colonies, The Revolutionary War, and a more in depth look at our system of government toward the end of the year. As we work our way through each unit, students will demonstrate their mastery by way of notes, tests, projects, and simulations.

6th grade Social Studies

Sixth grade students develop an understanding of world geography using inquiry, literacy strategies, and spatial thinking. Using the Giants C3 Framework and the Five Themes of Geography, students are introduced to a study of ancient world history and contemporary geography. Contemporary civics/government and economics content is integrated throughout the year.

7th grade History

The seventh grade social studies curriculum focuses on early world history and geography with a deliberate focus on the content literacy. Students begin their exploration into world history with a focus on historical thinking. By unpacking historical and geographic thinking, students learn how these disciplines are distinct in how they ask questions and frame problems to organize and drive inquiry. Students learn that historians must have some evidence to support the claims they make in their accounts. They investigate how these social scientists select, analyze, and organize evidence, and then use that evidence to create accounts that answer questions or problems.

In this grade, students investigate human history from the beginning until around 300 C.E. (A.D). They explore major and significant changes in each era through a

chronological organization. Students learn about the earliest humans and explore early migration and settlement patterns. In studying the origins of farming and its impact upon emerging human cultures, students analyze evidence from the fields of archaeology and anthropology, and employ a wide range of data sources including artifacts, photographs, and geographic information. Students examine how the emergence of pastoral and agrarian societies set the stage for the development of powerful empires, trade networks, and the diffusion of people, resources, and ideas.

8th grade Social Studies

Students use the framework of the history of the United States to learn and understand economics, historical events, historical documents, geography, and the foundations of America. Students participate in reading, active learning, and analysis of documents to make sense of the world around them.

SPECIAL EDUCATION

(Placement to be determined by an Individual Educational Planning Team– IEPT)

The following courses have been designed with the special education student in mind to assist with meeting the students' individual needs. Every effort will be made to meet the needs of the students within the general education curriculum. Only students currently with an IEP and teacher recommendation will be considered for these courses.

Specialized Math

Special education Math is a distinct and specific class that is critically important to learn specific math content standards and skills. The content standards follow the special education standards and benchmarks and will improve the students' basic math skills and help him/her to become a productive member of the community. All skills taught are driven by the individualized IEP's present in the classroom.

Language Arts

Special education Language Arts is a distinct and specific class that is critically important to learn writing, reading, and listening skills that will improve the students' functional communication skills and help him/her to become a productive member of the community. All skills taught are driven by the individualized IEP's present in the classroom.

Math Skills

Functional math skills are those skills that a student needs in order to live independently in the community, to care for themselves, and to make choices about their lives. Functional skills are intended to teach students with disabilities to make choices about where they will live, how they will make money, what they will do with money, and what they will do with their spare time. Examples of skills taught include: counting money, telling time, reading a bus schedule, and following directions at work. Specific lessons are designed based on individual IEP's and are varied throughout the course to meet individual student needs.

Functional Skills

This class will teach basic safety signs, helping students to identify and differentiate between different shaped signs and understand why signs help us stay safe in our community. The course will help children think, understand and act on safety issues that can be present while navigating in the community. The lessons will raise awareness of a range of warning signs and teach why they are important. It will help students learn to evaluate the way signs convey their meaning and it will raise awareness of using signs to protect yourself.

Corrective Reading

Corrective Reading focuses on decoding and comprehension, two skills crucial for readers in third grade and up who are one or more years behind. It addresses the wide range of deficits many older learners face and gives them the structure and practice they need to overcome those deficits.

The program contains:

- **multiple entry points** so students can start at their appropriate skill levels.
- **a decoding strand** that teaches vocabulary, structure, and concepts found in "book language".
- **a comprehension strand** that teaches students to write, think, and speak.

Study Skills

This course is designed to assist students with their general education courses. Students will have the opportunity to learn skills which will improve their ability to take tests and complete assignments. Individual IEP goals will also be addressed throughout the school year.

Specialty/Exploratory Classes

Automation and Robotics (PLTW)

Automation and Robotics (AR) allows students to trace the history, development, and influence of automation and robotics on our society as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects like traffic lights, toll booths, and robotic arms.

Brain Busters

In Brain Busters, students engage in a variety of problem-solving activities in which they design solutions to real-world challenges. They are required to do research and use scientific reasoning, mathematical concepts, and technology to successfully complete the tasks (for example: rubber band catapult, egg drop challenge, bridge construction project, etc...).

Backyard Science

In Backyard Science, students will observe and study the world around them. Native and migratory bird studies, resource conservation, composting, honey harvesting, pond dipping, orchard walks, and gardening are various activities enjoyed in this class (dependent on the season).

Careers

Students analyze themselves to see what career would interest them the most. They also experience a variety of careers through special guest speakers who come and share their daily activities in various careers. Finally, students research a specific career and report out to the class.

Current Events

Current Events is an elective class offered to eighth graders. This class explores current issues which are discussed in a debate forum. Students develop communication and research skills.

Design and Modeling (PLTW)

Design and Modeling (DM) provides students opportunities to apply the design process to creatively solve problems. Students are introduced to the unit problem in the first activity and are asked to make connections to the problem throughout the lessons in the unit. Students learn and utilize methods for communicating design ideas through sketches, solid models, and mathematical models. Students will understand how models can be simulated to represent an authentic situation and generate data for further analysis and observations. Students work in teams to identify design requirements, research the topic, and engage stakeholders. Teams design a toy or game for a child with cerebral palsy, fabricate and test it, and make necessary modifications to optimize the design solution.

Energy and the Environment (PLTW)

Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.

Health



Michigan Model for Health[®] Grades 7-12 Scope and Sequence Chart (Part 1 of 2)

	HIV & Other STI Prevention	Social & Emotional Health and Safety	Nutrition	Physical Activity	Alcohol & Other Drug Prevention	Tobacco Prevention	
Grades 7-8	Growing Up and Staying Healthy: Understanding HIV and Other STIs Content <ul style="list-style-type: none"> Consequences of infection with STIs* How STIs are and are not transmitted Health risks of various behaviors Situations requiring professional health services Skills <ul style="list-style-type: none"> Apply strategies to abstain from sex and/or reduce risk** Access reliable sources of information and help Avoid and escape risky situations Communicate respectfully and assertively Reduce pressure Identify trouble Set goals to stay free of STIs Advocate for peers to live STI free 	Safe and Sound for Life: Social and Emotional Health and Safety Content <ul style="list-style-type: none"> Feelings and thoughts help determine behavior Characteristics of stress and stress management Internal and external influences Recognizing depression and getting help Bullying including cyber and role of bystanders Characteristics and laws related to sexual harassment and abusive relationships Guidelines for safe dating Skills <ul style="list-style-type: none"> Listening Expressing emotions and thoughts Empathy Statements Identify and manage strong feelings Decision making Problem solving Asking effective questions Manage conflicts Choosing positive relationships Avoid dangerous situations De-escalate intimidation Maintain personal safety Deal with sexual harassment Deal with abusive relationships Help others Access resources 	A Winning Team: Healthy Eating and Physical Activity Content <ul style="list-style-type: none"> Health benefits of healthy eating, hydration, and being physically active Federal guidelines for diet and physical activity Factors in weight control Identify moderate-intensity physical activities Healthy body image, body type and healthy body weight Nutrition information on food labels, health claims, and advertisements Skills <ul style="list-style-type: none"> Analyze personal food intake Assess personal barriers to healthy eating and getting physical activity and develop solutions Access resources for weight management and unhealthy eating patterns Analyze influences of sedentary activities on physical activity Select foods with most nutritional value Analyze nutrition information to identify healthier food options when eating out Persuade peers to eat healthy and be physically active Set goals to improve healthy eating and increase physical activity 		Stay Drug Free Today for a Successful Tomorrow Content <ul style="list-style-type: none"> Internal and external influences and social norms Influences on decision making Recognizing personal control over what influences one responds to Passive, aggressive, and assertive communication including non-verbal Dependency and addiction Resources for drug-related information and help Skills <ul style="list-style-type: none"> Effective use of I-statements Use refusal skills to avoid drug use Identify trouble Solve problems Ask questions to identify possible trouble Make good decisions Get help Advocate for drug-free social norm Access resources 	The Power Is Yours to Be Tobacco Free Content <ul style="list-style-type: none"> Healthy ways to meet needs without tobacco use Health, legal, social, and financial consequences of use Skills <ul style="list-style-type: none"> Analyze influences to use tobacco Use refusal skills to avoid tobacco use Suagert those who obtain and those who are trying to quit Identify risky situations that could lead to tobacco use Solve problems Avoid secondhand smoke Access resources Compose persuasive advice for peers on how to stay tobacco free 	Middle School
	<p>* "STIs" includes HIV</p> <p>** This module offers two tracks: abstinence-only or abstinence-plus-condoms.</p>		<p>* "Drug" refers to alcohol, and other drugs.</p>				

This course consists of several topics - as cited in the chart above (social & emotional health, nutrition & physical activity, alcohol & drug prevention). The curriculum is based on the Michigan Model for Health. Individual and group research, projects & presentations are part of this course. Workout Wednesdays, Food Fridays, and guest speakers are all key components of this elective.

Math Art

Math Art is a class in which students design art projects by practicing and applying key math skills. Projects are built around concepts such as fractions, geometry, and ratios and proportions.

Medical Detectives (PLTW)

Medical Detectives explores the biomedical sciences through hands on projects and labs that require students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

Rockin' Success

Students set academic goals for the hour and work to complete those goals. Students also participate in discussions about motivation and what motivates them to complete tasks. Homework completion and organization are two priorities of this class; however, this course is designed to engage all students (high-performing students through students in need of remediation).

STEM

STEM is a problem-based class where students get a basic introduction to Engineering and to Computer Aided Design (CAD). In this class, there is a heavy emphasis put on problem solving. Through the use of our CAD program, Autodesk Inventor, students will use the Engineering Design process to create real-world products. Students will also get the opportunity to use 3D printers to produce objects they've created.

ONLINE COURSEWORK

Section 21F of Public Act 196 of 2014 established that Michigan public school pupils in sixth through 12th grade (with the consent of parent or legal guardian, if the student is under 18) may enroll in up to two online courses during an academic semester. Online courses require hard work and are not “easier” than traditional classes. In fact, they may be more time consuming because students are using a new and unfamiliar method to access the course and materials and will experience different challenges than they have with face-to-face instruction. The profile of a successful online learner would be an individual who has good time management skills, is an effective communicator, has independent study habits, is self-motivated, is academically ready having conquered the basic reading, writing, math and computer literacy skills to succeed in a class and is technologically prepared to open, create, and/or save a

document, uses various technology tools and can identify various file formats. Students selecting the online option must do so during the spring scheduling process. See the counselor for the appropriate paperwork.

You can access online offerings through:

<https://michiganvirtual.org/students/>