

DRAFT



DRAFT

Glen Lake Secondary School

**Course Selection Guide
2020-2021**

www.glenlakeschools.org

Table of Contents

General Information

- Course Scheduling
- Schedule change request and withdrawal
- Graduation Requirements

Secondary Programs

- Test Out
- Virtual Courses
- Internship
- Independent Study
- Career-Tech Center
- Personal Curriculum
- Special Education
- Accelerated Schedule
- Advanced Placement (AP)
- CTE Programming
- TBA Early College
- Dual Enrollment

Course List

Course Description

- English Language Arts
- General Electives
- Health & Physical Education
- Mathematics
- Science
- Social Studies
- Visual, Performing and Applied Arts
- World Language

Career Technical Education Course Descriptions

<https://www.tbactc.org/programs/>

Michigan Virtual Course Descriptions:

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

Northwestern Michigan College Course Descriptions for Dual Enrollment:

<https://www.nmc.edu/programs/course-descriptions/>

Graduation Requirements

Carnegie Unit: A Carnegie Unit is a unit of work at the high school level equivalent to a minimum of 120 hours of instruction. It is the amount of credit given by Glen Lake High School for satisfactory performance in a subject taken one class period five times a week (or equivalent time earned in a block schedule) for a full school year.

Semester Credit: A Semester Credit is equal to half (1/2) a Carnegie Unit. Glen Lake High School gives ½ (.5) semester credit for a satisfactory performance in a subject taken one class block, for one semester. One semester is equivalent to ninety (90) days of instruction.

Students must meet Michigan Merit Curriculum Requirements: Students will be encouraged to take rigorous courses and electives that support the students' career pathways

All students will attend school full time. Eight semesters of attendance is required. To graduate and participate in graduation exercises, a student must meet graduation requirements set by the Board and attend Glen Lake High School as a full time student during the 2nd semester of his/her senior year.

Credits: Credit toward graduation requirements may be earned through: Northwestern Michigan College; Virtual Learning (internet courses); and Michigan Works; approved summer school programs; or from accredited correspondence courses. All courses completed in this manner must be approved in advance by the school counselor or principal with a letter of approval placed in the student's cumulative record. All grades earned will count toward the student's grade point average based on a 4.00 (A) system. (An exception to this rule is dual-enrollment classes taken just for college credit.)

Students who need to take nine (9) semesters of work to meet graduation requirements may participate in the next available graduation ceremony after they meet graduation requirements.

Certificate of Attendance - Any senior, attending full time for eight (8) semesters, but failing to complete the Michigan Merit curriculum, may opt to receive a certificate of attendance. A student who must return to Glen Lake beyond the 8th semester to meet graduation requirements need not meet the full time attendance rule.

Repeating a Class: Students who wish to repeat a course in which they previously received a grade of 2.0 (C) or less may do so with parental permission. The student can improve his letter grade but will only be allowed credit for taking the class one time. The student's cumulative grade point average shall reflect the most recently earned grade for the class. A grade of "F" cannot be changed and will remain on the final transcript.

Drop and Add: A period of drops and adds will occur at the beginning of each semester. This will last only for a maximum of one week. After this period ends, a student will be allowed to drop only if educational reasons are presented and approved by the principal. Such changes are detrimental to the overall educational program and will not be permitted except when extenuating circumstances exist. A poor working relationship between student and teacher shall not be considered an extenuating circumstance.

Credit Makeup/Correspondence Classes

Other options are available to students who need to make up credit in a required class or earn extra elective credits in order to graduate with their class. Students are encouraged to discuss these options with their counselor. All credit makeup courses must be approved by your counselor prior to enrollment. Only 4 recovery credits are allowed via distance learning (E2020, American School ,etc.).

Dual Enrollment

CLEP

Math Program – Acceleration or “Doubling Up”

In order to accelerate his/her math program, a student may elect to enroll in two math courses simultaneously.

The following criteria must be met in order to do so:

1. Earn semester grade of A- or better in previous math course
2. Carry a cumulative GPA of 3.0 or better in all classes
3. Obtain written permission from most recent math instructor
4. Obtain permission from the principal

The preceding requirements may be waived at the discretion of the principal. **PE Waiver** - To qualify for a 0.5 credit waiver, a student must have: Participated in 3 seasons of JV or Varsity sports.

Requirements: A minimum of twenty-one 21 credits and eight (8) semesters of attendance is required by Glen Lake High School (grades 9-12 inclusive). All students in order to graduate from Glen Lake High School with a Diploma must successfully complete the following courses or equivalent as determined by the high school principal.

Graduation Requirements		
Course	Semesters	Credit
English	8	4.0
Math	8	4.0
Science	6	3.0
Social Studies	6	3.0
Physical Education	1	0.5
Health	1	0.5
Applied/Visual/Performing Arts	2	1.0
World Language	4	2.0
Elective	6	3.0
TOTAL		21

Department and Course List	Credit	Prereq	Elective	Graduation Requirement	
English Language Arts					
English Language Arts 6				Satisfactory Progress	
English Language Arts 7					
English Language Arts 8					
English Language Arts 9	1			4 Credits	
English Language Arts 9 (Honors)	1	X		Required Coursework: <ul style="list-style-type: none"> • ELA 9 • ELA 10 • ELA 11 • ELA 12 	
English Language Arts 10	1				
English Language Arts 10 (Honors)	1	X			
English Language Arts 11	1				
English Language Arts 12	1				
English Language and Composition (AP)	1	X			
English Literature and Composition (AP)	1	X			
Poetry	0.5		X		
General Electives					
MS Academic Workshop and Intervention					Satisfactory Progress
MS Computer Applications (Exploratory)					
MS Entrepreneurship (Exploratory)					
MS Journalism (Exploratory)					
MS Mock Trial (Exploratory)					
MS STEM (Exploratory)					
MS Support Studies					
(HS) Academic Workshop and Intervention	1	X		3 Credits	
Accounting	0.5	X	X		
Broadcasting	0.5		X		
Business and Personal Law	0.5	X	X		
Coreflex	0.5		X		
Debate	0.5		X		
Design and Innovation	0.5		X		
Journalism (HS)	0.5		X		

Department and Course List	Credit	Prereq	Elective	Graduation Requirement
Political Activism	0.5		X	3 Credits
Psychology	0.5		X	
Sociology	0.5		X	
Sound, Light, and Stage Production	0.5		X	
Stem Exploration (HS)	0.5		X	
Test Prep	0.5		X	
Woodshop (MS Exploratory & HS)	0.5		X	
Yearbook	1		X	
Health & Physical Education				
Healthy Living MS (Exploratory)				Satisfactory Progress
Middle School PE				
Health	0.5			1 Credit Required Coursework: <ul style="list-style-type: none"> ● 0.5 Health ● 0.5 Physical Education
Outdoor Recreation	0.5			
Personal Fitness	0.5			
Powerlifting and Agility	0.5			
Mathematics				
Math 7				Satisfactory Progress
Math 7 (Honors)				
Math 8		X		
Algebra I (8th Grade)	1	X		4 Credits Required Coursework <ul style="list-style-type: none"> ● Algebra I ● Algebra II ● Geometry ● 4th year Math
Algebra I	1	X		
Algebra II	1	X		
Business Math and Personal Finance	1	X		
Calculus AB (AP)	1	X		
Geometry	1	X		
Pre-Algebra	1	X		
Pre-Calculus	1	X		
Statistics (AP)	1	X		
Science				
Environmental Ed (Exploratory)				Satisfactory Progress
Science 7				
Science 8				

Department and Course List	Credit	Prereq	Elective	Graduation Requirement
Biology	1			3 Credits Required Coursework <ul style="list-style-type: none"> • Biology • Chemistry or Physics • 3rd Science
Biology (Advanced)	1	X		
Biology (AP)	1	X		
Chemistry	1	X		
Chemistry (Advanced)	1	X		
Chemistry (AP)	1	X		
Environmental Science (AP)	1	X		
Physics	1	X		
Physics (Advanced)	1	X		
Social Studies				
Social Studies 7				Satisfactory Progress
Social Studies 8				
American Studies	1			3 Credits Required Coursework <ul style="list-style-type: none"> • US History • World History • Economics • Civics
Civics	0.5			
Comparative Government and Politics (AP)	0.5	X		
Cultural Anthropology	0.5		X	
Economics	0.5			
Psychology (AP)	1	X	X	
United States History (AP)	1	X		
United States Government and Politics (AP)	1	X	X	
World History	1			
Visual, Performing and Applied Arts				
MS Instrumental Music: Guitar				Satisfactory Progress
MS Art				
MS Choir				
6th Grade Band - Brass				
6th Grade Band - Woodwinds & Percussion				
Advanced Art	0.5	X	X	2 Credits
Art Appreciation	0.5		X	
Art History I	0.5		X	
Art History II	0.5		X	
Digital Photography	0.5		X	

Department and Course List	Credit	Prereq	Elective	Graduation Requirement
Drawing and Painting	0.5		X	2 Credits
Food & Nutrition I	0.5		X	
Food & Nutrition II	0.5		X	
Jewelry	0.5		X	
Instrumental Music: Guitar	0.5		X	
North by Northwest	1		X	
Photoshop	0.5		X	
Secondary Band	1		X	
Theater Performance	0.5		X	
Visual Communication	0.5		X	
2-D Art	0.5		X	
3-D Art	0.5		X	
World Language				
German Explore				Satisfactory Progress
Spanish Explore				
German I				2 Credits
German II				
German III				
German IV				
Spanish I				
Spanish II				
Spanish III				
Spanish IV				
Spanish Language and Culture (AP)				

English Language Arts

English Language Arts 6

Grade: 6 **Length:** Year

Description: The year-long middle school English Language Arts (ELA) course is guided by the philosophies of educators Penny Kittle and Kelly Gallagher. Development of the five main areas of language arts: reading, writing, speaking, listening and viewing will occur. The curriculum is aligned with the Common Core State Standards (CCSS) in English Language Arts and emphasizes a love for reading and writing. Students will also be taught the skills and practices needed in order to achieve college and career readiness.

English Language Arts 7

Grade: 7 **Length:** Year

Description: The year-long middle school English Language Arts (ELA) course is guided by the philosophies of educators Penny Kittle and Kelly Gallagher. Development of the five main areas of language arts: reading, writing, speaking, listening and viewing will occur. The curriculum is aligned with the Common Core State Standards (CCSS) in English Language Arts and emphasizes a love for reading and writing. Students will also be taught the skills and practices needed in order to achieve college and career readiness.

English Language Arts 8

Grade: 8 **Length:** Year

Description: The year-long middle school English Language Arts (ELA) course is guided by the philosophies of educators Penny Kittle and Kelly Gallagher. Development of the five main areas of language arts: reading, writing, speaking, listening and viewing will occur. The curriculum is aligned with the Common Core State Standards (CCSS) in English Language Arts and emphasizes a love for reading and writing. Students will also be taught the skills and practices needed in order to achieve college and career readiness.

English 9

Grade: 9 **Length:** Year

Description: This year-long, required course develops students' reading, of both choice texts and whole class texts; writing in the three main modes of narration, analysis, and argument; speaking; listening; and viewing. Students read and experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice.

Honors English 9

Grade Level: 9 **Course Length:** Year

Prerequisites: Teacher recommendation

Description: This year-long course develops students' reading of both choice texts and whole class texts; writing in the three main modes of narration, analysis, and argument, as well as cross-modes; speaking; listening; and viewing. Also key in Honors English 9 is an in-depth focus on understanding of rhetorical strategies: diction, detail, imagery, point of view, tone as well as persuasive appeals. Students will hone their rhetorical skills as well as analyze other writers' rhetoric. Students read and experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice.

English 10

Grade: 10 **Length:** Year **Prerequisite:** English 9

Description: Students will read, analyze and examine some of the greatest literary works of all time. The texts used will cover hundreds of years, countless genres, and multiple cultures – all in one school year. In addition to familiarizing students with classic works, this course will also continue to develop reading, writing, speaking and critical thinking skills.

Honors English 10

Grade Level: 10 **Course Length:** Year

Prerequisites: English 9

Description: Students will read, analyze, and examine some of the greatest literary works of all time. The texts used will cover hundreds of years, countless genres, and multiple cultures – all in one school year. In addition to familiarizing students with classic works, this course will also continue to develop reading, writing, speaking and critical thinking skills. Assignments for the Honors course will require more thought and planning, be faster paced, less teacher directed, and require a deeper level of textual comprehension and understanding than English 10.

English 11

Grade: 11 **Length:** Year

Prerequisites: Successful completion of English 9 & 10

Description: This year-long course continues to develop students' reading, of both choice texts and whole class texts; writing in the three main modes of narration, analysis, and argument, as well as cross-modes; speaking; listening; and viewing. English 11 focuses more on the college preparation side of reading and writing for analysis. Students read and experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms, with a frequent focus on gearing projects and products toward an audience outside the classroom's walls. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice. experiment with various genres from short

fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms, with a frequent focus on gearing projects and products toward an audience outside the classroom's walls. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice. and products toward an audience outside the classroom's walls. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice. experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms, with a frequent focus on gearing projects and products toward an audience outside the classroom's walls. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice.

English 12

Grade: 12 **Length:** Year

Prerequisites: Successful completion of English 9, 10,11

Description: English 12 is a college preparatory course that contains mature, thoughtful reading selections and focuses on students becoming stronger, more confident critical readers and writers. During the final semester, students read selections from a multitude of non-fiction genres, work extensively on annotating those pieces and investigating what their authors did well and how their craft of language impacted their understanding. Students practice applying different strategies to enhance understanding of a text and produce their own works in various genres: autobiographical, descriptive, reflective pieces, observational, explanatory, evaluative, and argumentative.

Poetry

Grade: 9-12 **Length:** Semester

Prerequisites: Successful completion of English 9 or Honors 9

Description: This elective course is for students interested in writing original poetry, and studying poetic language, poets' lives and work, and poetry movements. We will read and discuss poems from throughout the ages from varied backgrounds and global viewpoints. A wide variety of cultural, political, and philosophical ideas will be discussed in relation to the materials. An open mind will be essential. We will also write original poetry in response to other poets' writings and as a result of class sacred writing and workshop times. Students will publish their best work in a class-produced publication and a spoken-word poetry CD. Everyone will choose a modern-day poet to research and briefly present his/her findings, and all students will organize their best original work into a final portfolio project. As a class, we will seek and embrace publication opportunities.

AP English Language and Composition

Grades: 11, 12 **Length:** Year

Prerequisites: Successful completion of English 10

Description: This elective course is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and

writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Students will take the Advanced Placement Language and Composition exam administered by the College Board and potentially earn college credit for their efforts. Although there are no official prerequisites for Advanced Placement Language and Composition,, students who have completed Honors English courses in earlier grades will likely be better prepared for the rigor of this course.

AP English Literature & Composition

Grade: 11, 12 **Length:** Year

Pre-Requisites: English 11

Description: This elective course is designed for students who enjoy reading, digesting, contemplating and discussing quality works of literature and their construction. The course content and pace is appropriate for the collegiate level. Students will take the Advanced Placement Literature and Composition exam administered by the College Board and potentially earn college credit for their efforts. Although there are no official prerequisites for Advanced Placement Literature, students who have completed Honors English courses in earlier grades and Advanced Placement Language and Composition will likely be better prepared for the rigor of this course. The focus of Advanced Placement Literature and Composition is close reading and critical analysis of works of "literary merit." AP Literature and Composition students will also create and present reflections upon their comprehensive education with their Senior Portfolios (first semester) and final projects (second semester), which showcase their ability to select a meaningful course of study, create and execute a plan of research using various methods of inquiry, impact the world in which they live in a positive manner, interact appropriately and professionally with a wider community, and present their efforts to an audience of their academic community.

General Electives

MS Computer Applications

Grades: 6- 8

Length: Elective rotation (6-9 weeks)

Description: This 6-week course will focus on the most essential computer skills needed in middle school, high school, college, and beyond. We will focus on Google applications such as Docs, Sheets, Slides, Forms, Gmail, and Classroom. We do our graphic design using Canva. Students will learn to create and formulate spreadsheets, how to write business emails and attach documents, create professional looking Slide presentations, and send out surveys using Google Forms. They'll also learn folder and file management, internet safety and netiquette, finding credible sources, and how to protect themselves from internet scams and threats. Students will learn the fundamentals of touch-typing with all ten fingers and practice their typing skills daily.

MS Journalism

Grades: 6-8

Length: Elective rotation (6-9 weeks)

Description: Journalism is a 6-9 week long exploratory class dedicated to the craft of writing, editing, photographing, filming, and documenting life at Glen Lake Middle School through the production of a middle school newspaper.

HS Journalism

Grades: 9-12 **Length:** Semester

Description: Journalism will be designed as an elective course available to all high school students grades 9-12. In this class, students will compose pieces fit for publication, have to opportunity to choose the topics they write about, be exposed to a variety of types of journalistic writing (like writing for news, sports, opinion, and yearbook coverage), and will have the opportunity to edit and revise both their own work, and the work of other students. Students will also receive a variety of news articles to read, so that they can also learn this style of writing through modeling and exemplification. Additionally, through reading sample articles through a critical lens, students will have the opportunity to see biases in the article, give opinions and feedback on pieces read, and propose ways to improve these sample texts. Photojournalism will also be a unit covered in this course, as well as information presented on page design. These are skills that work hand-in-hand with journalistic writing, and moreover, are skills print publishers are now looking for in applicants, and “all-media journalists” are those often sought by newspapers and other publications.

Debate

Grades: 9-12 **Length:** Semester

Description: Intro to Debate is a semester beginning level course. After completing this course, students will have a set of portable argumentation and advocacy skills that they can use in a variety of experiences throughout life. Students will initially learn about and practice structured extemporaneous speeches with emphasis on verbal and nonverbal delivery skills (organization, projection, inflection, eye-contact, hand gestures, and more). Students will then build a foundation for effective argumentation and advocacy (claim/warrant/evidence) by participating in “SPAR” debates. This class is ultimately for students who want to explore debate

MS Academic Workshop and Intervention

Grades: 6-8 **Length:** Semester

Description: Students enrolled in Academic Workshop work independently, in small groups, or with one-to-one assistance with their instructor for the primary purpose of homework completion. It is expected that students remain focused and adhere to posted classroom guidelines throughout a given class period. They will be provided with tutorial support, organizational support, and guidance in study skills. Students may request Academic Intervention but they must be approved by the school counselor. In addition, this can be an opportunity for credit recovery.

MS STEM Exploration

Grades: 6-8 **Length:** Semester

Description: STEM Exploration is geared toward students who have an interest in the STEM fields (science, technology, engineering, and math). Students will explore possible career paths in STEM. Students will utilize the problem-solving mindset of engineering and the scientific method to understand and interact with the world around them. Topics of exploration include computing, networks and information sharing, 3D Printing, manufacturing, robotics, bio-technology and technology ethics. This class will tackle some of the problems set forth in the annual FIRST Robotics challenge, although it is not necessary for enrolled students to be FIRST team members or participate in FIRST team activities outside of school.

MS Support Studies

Grades: 6-8 **Length:** Semester

Description: Support Studies offers a quiet workspace as well as academic and organizational support for students in need. Support Studies is taught by a certified secondary teacher who can assist students in any and all of their Glen Lake math courses. This pass/fail course can be taken for one semester or the full year.

Political Activism

Grades: 9-12 **Length:** Semester

Description: This class will allow students to select an issue to explore and to design and implement an action plan using the political process and grassroots support. There will be research and communication components and the creations of implementation of an action plan.

Broadcasting

Grades: 9-12 **Length:** Semester

Description: Welcome to Broadcast Technology! In this class, you will learn all of the different aspects of the news media, with a central focus on video production, broadcast journalism, and media literacy. You will also learn the various phases of television production and gain hands-on experience with professional equipment and mobile technology. You will learn the process of scriptwriting, storytelling, editing and how to capture the images that tell a story viewers will remember.

Sound, Light, and Stage Production

Grades: 9-12 **Length:** Semester

Description: This class introduces students to a practical approach to technical and production aspects. Students learn the skills needed to construct scenery, hang and focus lighting instruments, and implement a sound system.. Students will play an active role in the current production.

MS Mock Trial

Grades: 6-8 **Length:** Elective 6-8 Rotation

Description: Mock trials are dramatic exercises that look like trials. Students take on the roles of judges, witnesses, lawyers, plaintiff, defendants, bailiffs, clerks and jurors. They deal with real legal issues and are introduced to the legal system and the importance of law in civic life. Mock trials may be “scripted” and read like a play with a focus on jury deliberation based on the facts presented. Mock trials can also be broader “role-play” activities in which students are presented with a set of facts, statement of the law, witness statements, and possible evidence exhibits. From this information, students craft a case theory, opening statements, questions for witnesses, and closing arguments.

Accounting

Grades: 10-12 **Length:** Semester
Prerequisites: Algebra 1 and Geometry

This introductory class covers the basics of Accounting from the business owner or managerial perspective. We cover the accounting cycle, learn how to keep daily records, update accounts, and prepare financial statements. Topic include business transactions, the accounting equation, assets, liabilities, owner’s capital, revenue, expenses, journaling, ledgers, and the worksheet, and financial statements. Students design and build spreadsheets to organize information and create professional looking financial reports. This is an excellent class for students that want an introduction to Accounting or who would like to own or manage their own business one day.

Business and Personal Law

Grades: 10-12 **Length:** Semester
Prerequisites: Economics and Civics

Description: Business and Personal Law covers the basics of our legal system taught within the context of current events, past legal precedents, and historical landmark cases. Students learn where our laws come from and how our court system is structured. We cover constitutional law, the court system, civil law, criminal law, employment law, business law, contract law, consumer law, international law, and family law. Students find credible sources, investigate legal principles, explore various perspectives, create dynamic multimedia presentations, and share their findings freely with the class. This is a great class for anyone who wants to have a better understanding of our legal system, how to understand the news, and learn what’s happening in the world around us.

Design and Innovation

Grades: 9-12 **Length:** Semester

Description: Future innovators, problem solvers, and entrepreneurs. This class builds a capacity for creativity and innovative problem-solving. Students will tackle real-world problems through projects using a design process (Understand, Observe, Point of View, Ideate, Prototype, Test) to find solutions. Product designers create the things we use everyday and innovate new products for tomorrow. These include things like electronics, toys, footwear, tools, sports equipment, vehicles, and medical devices. Students will learn about the Design Cycle and explore the process used by designers to create, prototype, and

make original products. Students will explore design through iterative sketching and using a variety of digital tools. Some projects will also include making and using a real life product from student designs.

CoreFlex – Core/Flexibility And Breathing

Grades: 9-12 **Length:** Year/Semester

Description: This fitness course is designed to focus on strengthening the core muscles of the body, increasing soft tissue flexibility and practicing various deep breathing techniques.

MS Entrepreneurship for Everyone

Grades: 6-8 **Length:** Elective rotation (6-9 weeks)

Description: This course teaches the basics of entrepreneurship, business, and finance. Students have the opportunity to explore business basics in a fun environment. They will learn and experience the Entrepreneurship Cycle by starting, funding and running their own company. Throughout this imaginative exploratory class, students have multiple opportunities to practice leadership, teamwork, and decision making, while honing their math and communication skills.

Test Preparation Class

Grades: 10,11 **Length:** Semester

Description: This course offers students a comprehensive test preparation class for the ACT/ SAT, including test-taking strategies and skill development.

Psychology

Grades: 10,11, 12 **Length:** Semester

Description: Introduction to Psychology provides students an opportunity to gain personal insights into themselves and others. The class is designed to provide an overview of basic psychological concepts, technical vocabulary, and theories in the fields of psychology including: history and methods, brain bases of behavior, perception, learning, development, cognition, personality memory, abnormal and treatment, stress and health, motivation, and emotion and social psychology among others.

Sociology

Grades: 11, 12 **Length:** Semester

Description: Introduction to Sociology offers students a taste of the many branches of Sociology. Sociology is the study of humans, groups, societies, and social interaction, and its effects on society as a whole. This class encompasses critical thinking, analyzing social concern, and encourages students to look at society from a new perspective.

HS Academic Workshop and Intervention

Grades: 9-12 **Length:** Year/semester

Description: Academic Workshop offers a quiet workspace as well as academic and organizational support for students in need. Academic Workshop is taught by a certified secondary math teacher who can assist students in any and all of their Glen Lake math courses. This pass/fail course can be taken for one semester or the full year.

HS STEM Exploration

Grades: 9-12 **Length:** Semester

Description: STEM Exploration is geared toward students who have an interest in the STEM fields (science, technology, engineering, and math). Students will explore possible career paths in STEM. Students will utilize the problem-solving mindset of engineering and the scientific method to understand and interact with the world around them. Topics of exploration include computing, networks and information sharing, 3D Printing, manufacturing, robotics, bio-technology and technology ethics. This class will tackle some of the problems set forth in the annual FIRST Robotics challenge, although it is not necessary for enrolled students to be FIRST team members or participate in FIRST team activities outside of school.

Woodshop

Grades: 9-12 **Length:** Semester

Description: This course is designed to give students a basic understanding of shop rules and procedures. Students will use hand tools and some power tools to make a project. Students can perfect their skills by taking this course multiple times.

Yearbook

Grades: 9-12 **Length:** Year/Semester

Description: Members of the yearbook class design and create the Glen Lake High School yearbook using Pictavo, an online yearbook design software. This project-based class operates like a small business where students learn all aspects of financing, creating, designing, and publishing a high quality, professional looking yearbook. Students contact advertisers, sell and create ads, take photographs, design pages, write captions and short articles, sell yearbooks, and track expenses and revenue of publishing the yearbook using spreadsheets. Yearbook staff members will learn how to communicate professionally on the phone, in person, or via email, must be reliable and able to meet deadlines, willing to both work independently and collaborate with others, and be fully committed to meeting the high standards of quality required to publish the final product. The Glen Lake Yearbook is entirely self-funded through advertising and sales revenue.

Description: Holistic or preventative health care is emphasized with units of instruction in the following areas: Basic anatomy, first aid, substance abuse, consumer health, nutrition and exercise, mental health and stress, infectious and non-infectious diseases as well as basic reproductive health.

Healthy Living MS

Grade: 6-8 **Length:** Elective 6-9 week rotation

Description: We will cover a number of topics including building healthy relationships, lifelong fitness, tobacco, sun safety, gambling prevention, alcohol and other drugs, nutrition, bullying awareness, and violence prevention. Out of all school subjects, health is the only one which will be a factor in our everyday life until the day we die. Learning how to keep our bodies healthy is an important skill that takes some work and effort. My goal is for thoughts to be generated and ideas to be built to stand as the start of a solid foundation to a physically, emotionally, mentally, and socially healthy future.

Middle School PE

Grade Level: 6, 7, 8 **Course Length:** Year

Description: Physical education is a part of the total educational program in all grades at Glen Lake Community Schools. Students are encouraged and instructed to improve their personal health, skill performance, and leadership abilities. Students learn to appreciate and perform individual, group, and team activities, all of which they can use and enjoy, both in the present and future. Our goal for physical education class is to provide you with the skills and knowledge necessary for you to become a lifelong physically active person. We offer a variety of activities to get you moving and hope that you will enjoy!

Health and Physical Education

Health Education

Grade: 9, 10, 11, 12 **Length:** Semester

Powerlifting & Agility

Grade: 9, 10, 11 and 12 **Length:** Semester/Year

Description: This course requires students to evaluate their individual fitness level and then plan a fitness workout that fits them individually. Activities will focus on the weight room and instructional goals will include safe and proper use of equipment. The goal is for students to be self evaluators of needs for improvement and with consultation, make a plan that would best suit them.

Personal Fitness

Grade: 9, 10, 11 and 12 **Length:** Semester

Description: This course requires students to evaluate their individual fitness level and then plan a fitness workout that fits

Mathematics

Math 7

Grade: 7 **Length:** Year

Description: Math A focuses on 4 critical areas: (1) developing understanding and applying proportional relationships; (2) developing understanding of operations with rational numbers (decimals and fractions) and working with linear equations that include variables; (3) solving problems involving scale drawings and geometric constructions and working with 2- and 3-dimensional shapes to solve problems with area, surface area, and volume; and (4) drawing inferences about populations based on samples.

Math 8

Grade: 8 **Length:** Year **Prerequisites:** 7th Grade Math

Description: This course builds on the algebraic skills of simplifying and solving equations, and then incorporates the use of patterns to emphasize the multiple representations of linear relationships. It includes organizing data and representing bivariate relationships, as well as an introduction to solving a system of equations. Students will explore rigid transformations, dilations, the Pythagorean Theorem and the geometry of 2 & 3-D shapes.

7th Grade Honors Math

Grade: 6, 7 **Length:** Year
Prerequisite Courses: 5th or 6th Grade Math

Description: This compressed accelerated pathway begins in the 7th grade year. Students complete almost all of 7th Grade Math (see Course 2) and part of 8th Grade Math (see Course 3) in 7th grade, then use complete Algebra 1 in 8th grade, along with a few topics from 8th Grade Math (see Course 3).

Outdoor Recreation

Grade: 9, 10, 11 and 12 **Length:** Semester/Year

Description: In this course students will participate in a variety of activities in formats individual, small group, or whole group that take place outside. Students will need to bring weather and season appropriate attire to participate.

them individually. The goal is for students to be self evaluators of needs for improvement and with consultation, make a plan that would best suit them

8th Grade Algebra

Grade: 7, 8 **Length:** Year
Prerequisite Courses: 7th Grade Honors

Description: This compressed accelerated pathway begins in the 7th grade year. Students complete almost all of 7th Grade Math (see Course 2) and part of 8th Grade Math (see Course 3) in 7th grade, then use complete Algebra 1 in 8th grade, along with a few topics from 8th Grade Math (see Course 3). On a daily basis, students in 7th Grade Honors use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Under teacher guidance, students learn in collaboration with others while sharing information, expertise, and ideas. Students will be involved in class discussions, technology investigations, pattern building, partner work, individual work and projects.

Pre-Algebra

Grade: 9 **Length:** Year **Prerequisite Courses:** Math 7

Description: This course builds on the algebraic skills of simplifying and solving equations, and then incorporates the use of patterns to emphasize the multiple representations of linear relationships. It includes organizing data and representing bivariate relationships, as well as an introduction to solving a system of equations. Students will explore rigid transformations, dilations, the Pythagorean Theorem and the geometry of 2 & 3-D shapes.

Algebra 1

Grade: 8, 9, 10 **Length:** Year
Prerequisite Courses: 8th Grade Math

Description: Algebra 1 is the first course in a five-year sequence of college preparatory mathematics courses that starts with Algebra I and continues through Calculus. It aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations,

inequalities, and systems. These skills are extended to solving quadratic equations, exploring linear, quadratic, and exponential functions graphically, numerically, symbolically, and as sequences, and by using regression techniques to analyze the fit of models to distributions of data. On a daily basis, students in Algebra use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Under teacher guidance, students learn in collaboration with others while sharing information, expertise, and ideas. Students will be involved in class discussions, technology investigations, pattern building, partner work, individual work and projects.

Geometry

Grade: 9, 10, 11 **Length:** Year
Prerequisite Courses: Algebra I

Description: This course is designed to emphasize the study of the properties and applications of common geometric figures. It includes the study of transformations, similar triangles, congruent triangles and right triangle trigonometry. Through the use of logic and deductive reasoning, students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, and work within the rectangular coordinate system to verify geometric relationships.

Algebra II

Grade: 9, 10, 11 and 12 **Length:** Year
Prerequisite Courses: Algebra 1 and Geometry

Description: Algebra 2 is the third year math class offered at Glen Lake. The content includes tools of Algebra, Functions, Equations, and Graphs, Linear Systems, Quadratic Equations and Functions, Polynomials and Polynomial Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Rational Functions, Periodic Functions and Trigonometry, Trigonometric Identities and Equations.

Business Math and Personal Finance

Grade: 10—12 **Length:** Full year or semester
Prerequisites: Algebra 1 and Geometry

Description: Business Math and Personal Finance teaches students mathematics in the context of business and personal finance applications and settings. Topics studied include payroll, state, federal and payroll taxes, budgeting and money management, banking and credit, saving and investing, employment skills, career research, consumer math, creating spreadsheets to manage data, and buying and selling vehicles. This project-based class explores real world math in everyday business and personal finance situations. The overarching goal of the course is to become financially literate, develop strategies for managing one's financial resources, and learning how to effectively budget and plan in order to reach lifelong financial security.

Business Math and Personal Finance can be taken as a full year or semester course. Each semester counts as .5 math credits. This course may be taken alone or simultaneously with other math courses.

Pre-Calculus

Grade: 10, 11 and 12 **Length:** One year
Prerequisite Courses: Algebra 1, 2, and Geometry)

Description: Course 4 is the fourth year of the Core-Plus Mathematics Project's (CPMP) four year integrated math program. Course focuses on topics that will prepare students for Calculus. Main topics covered include vector models, logarithmic and

exponential functions, polynomial and rational functions, inverse functions, solving equations using symbolic manipulation, solving application problems, arithmetic and geometric sequences, trigonometric functions and establishing trig identities, the complex number system, families of functions, and conic sections.

AP Calculus (AB)

Grade: 11 and 12 **Length:** Year
Prerequisite Courses: Algebra 1, 2, Geometry, Functions, Statistics, Trigonometry, Pre-calculus)

Description: AP Calculus is a college level Calculus class equivalent to the 1st semester of Calculus 1. Students can earn 1 semester of credit by showing proficiency on the AP Calculus (AB) exam. Topics include limits, differentiation, and integration.

AP Statistics

Grade: 11 and 12 **Length:** Year
Prerequisite Courses: Algebra 1, Geometry, and Algebra 2

Description: AP Statistics is a college level Statistics class. Students can earn 1 semester of college credit by showing proficiency on the AP Statistics exam. Topics include measures of center and variation, normal distribution, and statistical analysis of real data. This course is designed to the specific requirements of the college board and uses approved materials and textbook to ensure students are able to earn college credit.

Science

Environmental Ed Exploratory

Grade: 6-8 **Length:** Rotation 6-9 weeks

Description: The focus is on biodiversity, and especially Michigan. Students explore local flora and discover the diversity of plant life on the school campus. Tree, wildflower/weed, and invasive species organisms are identified and the flora and fauna of major ecosystems in Michigan are investigated. The final project is a slideshow featuring the major Michigan ecosystems, created by collaboration of the students in class. A student-generated assessment follows the slideshow to conclude the class.

Science 7

Grade: 7 **Length:** Year

Description: The 7th grade science year is broken up into four units. The first unit is called “Waves and Energy” and focuses on how waves are produced, and how they transfer energy when they interact with matter. We also discuss types of energy produced by the sun, and how the sun provides heat energy for processes on Earth. A second unit is called “Physical and Chemical Properties and Changes in Matter.” The focus is investigating how matter is made up of atoms and molecules that can be represented by models. We identify chemical substances that make up other substances. We also identify the chemical and physical properties of substances and determine when chemical changes occur. The third unit is on “Structures and Processes of Living Things.” The focus is on organisms being composed of one or many cells that exhibit growth and division. We investigate organisms as being composed of specialized cells and relate these to photosynthesis and reproduction. The last major unit is “Fluid Earth Systems and Human Activities.” Key concepts discussed relate to the sun, the major source of energy for phenomena on Earth as well as the relationship of this energy to weather, climate, and water cycle.

Science 8

Grade: 8 **Length:** Year

Description: The 8th grade science year is composed of 12 units. The first five relate specifically to Earth and its structure. We investigate principles of earth science, the interior of Earth, plate tectonics and earthquakes, and rock forming processes. Several units will focus on hydrogeology, weather and climate, and climate change. Students will explore resources and environmental challenges within this group. Finally, the year concludes with units on the Sun, stars, and Earth’s place in the universe.

AP Environmental Science

Grade: 11 and 12 **Length:** Year **Prerequisites:** Biology

Course Description: Students will cover the following topics: Earth and Science Resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution and Global Change.

Biology

Grade: 9 **Length:** Year

Description: This full year course will be aligned with the state grade level content expectations and the Michigan Merit Exam and includes additional content standards not covered on the Michigan Merit Exam.

Advanced Biology

Grade: 10, 11, 12 **Length:** Year **Prerequisites:** Biology

Description:

Semester 1 - Plants/Bacteria and Forensic Science: Students will study the structure and function of plants, and the structure, function and importance of bacteria. Students will carry out transformation of bacteria with recombinant DNA (make glowing bacteria) and DNA fingerprinting (electrophoresis). Learn forensic skills such as observing a crime scene and collecting evidence, fingerprint collection and analysis, blood identification, solving a crime based on DNA evidence and analyzing data collection from crime scene through the use of basic chemistry. Semester 2 - Anatomy/Physiology/Zoology: This course provides students with an opportunity to study organisms in the animal kingdom. Students will do a survey of the major phyla and classes in the animal kingdom and study animal population dynamics, animal behavior and careers that involve working with animals. While studying the Chordata phylum students will learn about human anatomy and physiology. Comparisons will be made between the anatomy and physiology of different animal phyla.

AP Biology

Grade: 10-12 **Length:** Year
Prerequisites: Biology and Chemistry

Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors.

Physics

Grade: 10, 11 or 12 **Length:** Year
Prerequisites: Algebra I

Description: This course covers 1D kinematics; constant velocity and accelerated motion, creating and interpreting motion graphs, and objects in free fall. The course covers 1D dynamics, including Newton's Laws, types of forces, and force diagrams. The course also includes exploring the concepts of work power, momentum, as well as types and transfers of energy, including thermal energy.

Advanced Physics

Grade: 11 or 12

Length: Year

Prerequisites: Physics and Pre-Calc (may be taken concurrently)

Description: This course covers 2D kinematics; including vector analysis and circular motion. The course also covers 2D forces: including friction, forces applied at an angle, and forces on an inclined plane. The course content also includes electricity and magnetism, covering static and current electricity, and sound and light waves, transformers, motors and generators.

Chemistry

Grade: 10, 11, 12

Length: Year

Description: This is an introductory class that focuses on the basic principles that drive all life systems. The class investigates the principles of chemistry and how they apply to the real world. Students will develop the knowledge and skills relevant to the study of chemistry. These will be of use in everyday life and will form a basis for more advanced study, such as AP Chemistry. There is a strong focus on experimental work to enrich the concepts covered and to teach essential laboratory skills. Concepts include: Measurement and Experimental Techniques, Nature of Matter, The Periodic Table, Atoms, Elements and Compounds, Metals, Chemical Reactions. Electricity and Chemistry, Acids, Bases and Salts, Introduction to Organic Chemistry and Environmental Chemistry.

Advanced Chemistry

Grade: 11 or 12

Length: Year

Prerequisites: General Chemistry

Description: Advanced Chemistry is a course that continues the exploration of matter and energy beyond the coursework in General Chemistry. Students need to have completed a general chemistry course and be proficient in understanding the gas laws, bonding, naming compounds, basic atomic, ionic and molecular structure, chemical reactions and have skills in graphical analysis and basic lab reporting. Main topics include further investigation of the structure of the atom, stoichiometry, thermal equilibrium, chemical kinetics, entropy, chemical equilibrium, and acid base equilibrium. In addition, there will be some introductory investigation of particle physics and organic chemistry. This course will prepare those students seeking to earn AP Chemistry Credit.

AP Chemistry

Grade: 11 and 12

Length: Year

Prerequisites: Chemistry I and instructor permission

Description: AP Chemistry is a continuation of the content taught in Chemistry 1. The purpose of Advanced Placement Chemistry is to provide a college level course in chemistry and to prepare the student to seek credit and/or appropriate placement in college chemistry courses. A minimum of 25 percent of instructional time is dedicated to the lab activities. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. Topics include: Reactions in Aqueous Solution, Electronic Structure and Periodic Properties, Chemical Bonding and Molecular Geometry, Gases and Thermochemistry, Liquids, Solids, and Solutions, Chemical Kinetics, Chemical Equilibrium and Aspects of Aqueous Equilibria, Acid-Base Equilibria, Chemical Thermodynamics, Electrochemistry, and Organic Chemistry.

Students who wish to take AP Chemistry are expected to spend at least five hours a week studying outside of class, attend study sessions after school, and complete summer course work prior to the start of the course.

Social Studies

Social Studies 7

Grade: 7 **Length:** Year

Course Description: Social Studies 7 explores the beginnings of human society and investigates the causes of the Agricultural Revolution and the characteristics of early river valley civilizations (Mesopotamia, Egypt, India, China, and the Americas). Students consider concepts of historical cycles of continuity and change, the people of the earth, and cultural diffusion as they compare and contrast early civilizations. They investigate classical traditions and major empires of Greece and Rome and study factors that led to the rise and fall of these empires. They also examine the origins, expansions and fundamental beliefs of major world religions.

Social Studies 8

Grade: 8 **Length:** Year

Description: Social studies 8 begins with a review of the European powers in North America and factors that led to significant change among them including the French and Indian War, experiences with self government and the American Revolution. Students then investigate the foundations of the new nation including the Articles of Confederation and the U.S. Constitution. They examine the challenges to the new nation including determining the power of the national government, political conflict and America's place in the world. They explore the regional and economic growth of America, reform movements of antebellum America and the causes, course and character of the Civil War. Students then focus on the reconstruction of the nation and investigate changes in America in the last half of the 19th

century.

World History

Grades: 10, 11, 12 **Length:** Year

Prerequisites: Civics/Economics

Description: World History examines our past from the beginning of man to the dawn of the present through a series of themes that demonstrate the impact of these eras on the contemporary world. Major themes of World History include: the survival and settlement of the first humans, the evolution of civilization and empire in our world, scientific, technological and industrial development, global colonization, origins of the 5 major world religions and cultural legacies in art, architecture, education, government and economics, World War II, Century global conflicts, dictatorships and rebellion against them, science, technology, economics and an analysis of where our world will be in the future.

American Studies

Grades: 11, 12 **Length:** Year

Prerequisites: Civics, Economics, World History

Course Description: This course examines the history and development of the United States from the founding of the nation to contemporary American society. The course content is accompanied by the practical application of study required for historians. Therefore, the students are expected to analyze and evaluate numerous forms of data and other information relevant to United States History. These activities include the analysis of primary and secondary source materials, current events, tables, charts, graphs and visual aids.

Civics

Grade: 9 **Length:** Semester

Description: Civics is a broad overview course designed to give our students a fundamental knowledge of the United States government, the politics of our government, and how to participate in the process. Topics include the foundations of American government, the Constitution, Congress, the presidency, American law, civil liberties and the basics of American citizenship/civic responsibility.

Economics

Grade: 9 **Length:** Semester

Description: This course will examine the various components that collectively define the American economy and its role in the world. Primary topics include: market vs. command economics, capitalism in comparison with socialism, the concept of primary wealth vs. currency, supply and demand, the business cycle, government fiscal and monetary policies, personal economics (budgeting, banks, investing, career skills, participating in the marketplace) and global economics.

Cultural Anthropology

Grade: 9-12 **Length:** Semester

Description: Cultural Anthropology is designed with the specific goal of studying cultural variations among humans. Students will research & examine the impact of global economic, geographic and political processes on local realities. The title of "Culture" within this course refers to humans as a whole, which includes knowledge, belief, art, morals, law, customs and all capabilities, and habits acquired as a member of a society.

AP United States History

Grades: 11, 12 **Length:** Year

Prerequisites: Economics, Civics, World History

Description: The purpose of Advanced Placement U.S. History is to prepare students for success in four primary endeavors: the rigors of a college education, and the Advanced Placement U.S. History Exam (May). This class IS considered an introductory college survey course, based on curriculum requirements developed and approved by the A.P. College Board. Students will have to challenge themselves more intellectually and be more disciplined in practice than in standard high school coursework. While the design of the curriculum is left to the preferences of individual instructors, curriculum expectations are not. This curriculum, therefore, includes aspects from as far back as pre-Columbian history, all the way to the history that continues to happen before our eyes in contemporary times.

AP United States Government & Politics

Grade: 12 **Length:** Semester

Prerequisites: Economics, Civics, World History, American Studies or AP US History

Description: AP U.S. Government & Politics is considered an introductory college survey course that analyzes the government/political aspects of the United States. The content is based on curriculum requirements developed and approved by the Advanced Placement College Board. The purpose of AP U.S. Government & Politics is to prepare students for the rigors of a college education and the AP Exam (in May).

AP Comparative Government & Politics

Grade: 12 **Length:** Year

Prerequisites: Economics, Civics, World History, American Studies or AP US History

Description: AP Comparative Government and Politics is considered an introductory college survey course that analyzes the government/political aspects of Great Britain, Russia, China, Mexico, Iran and Nigeria. The content is based on curriculum requirements developed and approved by the Advanced Placement College Board. *****This class is ONLY offered at an Independent Study*****

AP Psychology

Grade: 12 **Length:** Semester

Description: The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that

have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of

Visual, Performing and Applied Arts

Middle School Art

Grades: 6-8 **Length:** 6-9 weeks

Description: This is a six-nine week exploratory course that will focus on the principles of Art/Design. You will discover how to use the elements of Art to create quality compositions. Artists will have choice in the elements they use and the media used to create each piece. You will improve each day through reflection and analysis.

Art Appreciation

Grades: 10,11,12 **Length:** Semester

Prerequisite: Completion of one Art class

Description: Art Appreciation is a semester long art survey class taken through Glen Lake High School. Students will be introduced to the importance of art in human culture from prehistoric to modern times. We will explore the world of art and learn vocabulary, media, techniques, and purposes of the creative process. Emphasis will be on understanding art through the Elements of Art and Principles of Design.

Art History I

Grades: 11,12 **Length:** Semester

Description: Art History I is a semester long online art survey class taken through Glen Lake High School. In this class, we will study major works of art from Prehistoric times through the Renaissance. This class is designed as a self paced with reading, writing and research assignments related to the art and period being studied. The study of these art periods and styles will give students the knowledge of distant and current cultures. Students will learn, use, understand and be able to explain how the Elements of Art and Principles of Design are incorporated into each piece of art.

Art History II

Grades: 11, 12 **Length:** Semester

Description: Art History II is a semester long online art survey class taken through Glen Lake High School. In this online class, we will study major works of art from the Renaissance to Modern Art. This class is designed as a self paced with reading, writing and research assignments related to the art and period being

psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

studied. The study of these art periods and styles will give students the knowledge of distant and current cultures. Students will learn, use, understand and be able to explain how the Elements of Art and Principles of Design are incorporated into each piece of art.

Drawing & Painting

Grades: 9-12 **Length:** Semester

Description: In this class, students will learn a variety of techniques and approaches to drawing and painting. A wide range of drawing and painting techniques and media will be explored, including pencil, ink, charcoal, pastel, watercolor, tempera and acrylic paint. Students will be expected to develop technical skills along with their own unique style of drawing and painting. Composition, Elements of Art, and the Principles of Design, will be emphasized along with the study of the history and the vocabulary of Art.

2-D Design

Grades: 9-12 **Length:** Semester

Description: This class focuses on different types and styles of two-dimensional design projects, such as drawing, painting, collage, scratch art, graphic design, mono printmaking, and silk screening. Students will also study art history, criticism and aesthetics with special attention placed on problem solving, design, and creative and critical thinking. Students will learn, use, understand, and be able to explain how they incorporated the Elements of Art and Principles of Design into their art work.

3-D Design

Grades: 9-12 **Length:** Semester

Description: The first nine weeks of this class will concentrate on ceramics and clay construction. The second half of the class, we will explore a variety of three-dimensional art mediums. This will include materials such as: plaster, paper mache, fabric, and wire. The ceramics unit will emphasize hand building methods as well as an introduction to the pottery wheel. Quality craftsmanship and design will be stressed along with creative involvement. Throughout the course, students will learn, use, understand, and be able to explain how they incorporated the Elements of Art and Principles of Design into their art work.

Advanced Art

Grades: 10,11,12 **Length:** Semester

Prerequisites: Completion of 2D, 3D, or teacher approval

Description: This class is intended for high school sophomores, juniors and seniors highly motivated and committed to serious and

independent study in Art. Students have the ability to work in a variety of mediums such as: drawing, painting, sculpture, fiber design, ceramics, and jewelry. Students will develop and add to their art portfolios, enter art shows and art competitions, and learn major concepts of art history. Emphasis will be placed on individual development, originality, problem solving and involvement in the art creation process. Throughout the course, students will learn, use, understand and be able to explain how they incorporated the Elements of Art and Principles of Design.

Jewelry

Grades: 9-12 **Length:** Semester

Description: In this course, students will learn how to fuse glass, solder, and construct jewelry and pieces of art out of a variety of metals and materials. Students will learn basic techniques, concepts and design of metal smithing, such as cutting sawing, soldering and filing. Students will use various techniques of construction to create a range of projects including: necklaces, earrings, pins and rings. All projects incorporate the Elements of Art and Principles of Design and place an emphasis on craftsmanship and personal expression. Students may supply optional material.

Digital Photography

Grades: 9-12 **Length:** Semester

Description: This course is designed for students interested in learning the fundamentals of digital photography and digital graphics. Students will learn the fundamentals of digital photography, composition, digital editing, and the history of photography. This course is a mixture of photography, technical instruction, and discussion of student work. Digital cameras are valuable for student use while enrolled in this class.

Photoshop

Grades: 9-12 **Length:** Semester

Description: Photoshop is the leading software program for image editing. This class explores the commercial and graphic aspects of Art. Photoshop is a graphics editing program developed and published by Adobe Systems. It is the current and primary market leader for commercial bitmap and image manipulation. Students will learn how to perform different image processing techniques using Adobe Photoshop. Through project work and assignments, students will learn how to use several tools for selecting parts of images, retouching, layers, and special filters.

Visual Communications

Grades: 9-12 **Length:** Semester

Description: This course is an introduction to the theory of graphic design. Fundamental principles and practical use of visual communication in illustration, typography, photography, and publication will be covered and studied. Design assignments will combine both traditional fine art mediums and digital medias to create graphic designs, logos, and three dimensional packaging products.

Theater Performance

Grades: 9-12 **Length:** Semester

Description: This is a semester course that will focus on discovering your inner creative voice and learning how to speak through visual and performance art. Learn how you interpret information and how to use it to create uniquely. In the end you will know how to stretch your and others' imagination. You will learn theatrical techniques and genres of theater. You will also build a personal visual performance piece through a choice modality/medium. You will improve each day through reflection and analysis.

Middle School Choir

Grades: 6-8 **Length:** Year

Description: A comprehensive course covering a performance based exploration of a variety of genres and styles including classical, popular, jazz, and contemporary. Students are encouraged to explore their musical voice through a variety of solo and ensemble opportunities. Middle School Choir performs frequently and endeavors to allow students to build confidence through positive action. **Out of Class Requirements:** Attendance at scheduled concerts, festivals, field trips. Students are responsible for the care and maintenance of school owned instruments, uniforms or music/supplies. Assigned homework may vary with performance season.

North by Northwest

Grades: 9-12 **Length:** Year

Description: A comprehensive course covering a performance based exploration of a variety of genres and styles including classical, popular, jazz, and contemporary. Students are encouraged to explore their musical voice through a variety of solo and ensemble opportunities. North By Northwest performs frequently and provides students the opportunity to build confidence and express themselves through the musical art form. **Out of Class Requirements:** Attendance at scheduled concerts, festivals, field trips. Students are responsible for the care and maintenance of school owned instruments, uniforms or music/supplies. Assigned homework may vary with performance season.

Secondary Band

Grades: 7-12 **Length:** Year

Description: Band provides students an opportunity to learn to play a standard wind/percussion instrument, or continue developing skills on one they have already started to play. Brass, woodwind and percussion instruments can be easily procured via local instrument rental programs, and the school has an inventory of instruments for students to use if needed. The band participates in 2-3 concerts per year and a local Solo & Ensemble Festival held at Traverse City West Middle School. Students play a variety of music... from standard band marches, overtures and classical

compositions to more modern jazz, rock and popular selections. Students are expected to participate fully in all rehearsals and performances and are challenged to become proficient on their chosen instrument and contribute positively to the band organization.

Instrumental Music - Guitar

Grades: 7-12 **Length:** Semester or 6 week rotation

Description: Guitar Class is an entry level class that provides students the opportunity to learn basic skills on an acoustic guitar. Basic chords/chord patterns, strumming styles and the opportunity to learn many standard folk and popular songs is the primary objective for the course. As an exploratory course, students are encouraged to reach a level of proficiency that would allow them to play confidently in small groups and/or social settings. Students set their own learning goals via the use of proficiency standards and move through the course at a pace that is comfortable for them and their ability level. There will be both group and one-on-one instruction, along with demonstrations/ clinics from both the instructor and invited professional local guests who are masters of their instrument. Instruments are provided for in-school use, along with printed materials to help them along the way. Students are expected to maintain a notebook that contains learning materials, chord charts and songs they have learned as a future resource for their own benefit.

Food & Nutrition I

Grade: 9, 10, 11 and 12 **Length:** Semester

Description: Foods I is designed to teach the basic principles of food selection, preparation and storage. Dietary needs and sources of nutrients are included in each unit. Knowledge is applied in a weekly lab planned by the student. A final gingerbread project is designed and built which is then delivered to an agency for their enjoyment.

Food & Nutrition II

Grade: 9, 10, 11 12 **Length:** Semester **Prerequisites:** Foods I

Description: Foods II is designed to apply the information and skills acquired in Foods I. The course is divided into 3 major units. Meat and non-meat protein foods are studied and labs are prepared for each. The importance of the nutrition of various products is evaluated. The major and minor appliances of the kitchen are studied in Consumer Reports and other periodicals. Presentations and demonstrations by each lab group are included in this unit. Ethnic Foods- A specific region or country is studied. Their culture including influences on food choices, and an authentic meal is planned and produced. Exposure to unique or unusual healthy foods is encouraged.

World Language

German Explore

Grade: 6-8 **Length:** Semester

Description: The German Exploratory is a one semester course for middle school students who have a continued interest in world language and culture. As well as developing skills in written and oral communication, the exploratory is meant to better equip students to make a reasoned decision about future language study. Aspects of German-speaking countries including culture, art, history and music, in addition to daily life, food, and education will be included.

German I

Grade: 8-12 **Length:** Year

Description: German I is designed to introduce students to the basics of the language and culture. Students will learn to communicate in German in various real life situations: school, travel, friends, family, sports, and leisure activities. Students will also study cultural aspects of German-speaking countries such as history, food, holidays, and music. All students will have the opportunity to earn high school credit by meeting the state achievement standard.

German II

Grade: 9 - 12 **Length:** Year **Prerequisites:** German I

Description: German III is a continuation of German II, with increased emphasis on listening and viewing in order to further develop intercultural skills. Authentic cultural material is integrated into the learning process so students acquire a greater awareness of the German speaking world. Students develop and follow a semi-individualized learning plan.

German III

Grade: 10 - 12 **Length:** Year **Prerequisites:** German I, II

Description: German III is a continuation of German II, with increased emphasis on listening and viewing in order to further develop intercultural skills. Authentic cultural material is integrated into the learning process so students acquire a greater awareness of the German speaking world. Students develop and follow a semi-individualized learning plan.

German IV

Grade: 11, 12 **Length:** Year **Prerequisites:** German I, II, III

Description: German IV is a continuation of the study of the German language. This course works to instill fluency and continues the examination of the German culture. Students develop and follow an individualized learning plan.

Spanish Explore

Grade: 6 - 8 **Length:** Semester

Description: The Spanish Exploratory is a one semester course for middle school students who have a continued interest in world language. As well as developing skills in written and oral communication, the exploratory is meant to better equip students to make a reasoned decision about future language study. Aspects of Spanish-speaking countries including culture, art, history and music, in addition to daily life, food, and education will also be studied.

Spanish I

Grade: 8-12 **Length:** Year

Description: Students will learn basic vocabulary necessary to carry on a simple conversation in Spanish. They will learn grammatical concepts and use them with Spanish vocabulary. There is also an introduction to elements of culture found in Spanish speaking countries.

Spanish II

Grade: 9-12 **Length:** Year **Prerequisites:** Spanish I

Description: Students will continue to learn vocabulary and more grammatical concepts and patterns. They will improve listening, reading, writing and conversational skills. Emphasis in grammar during Spanish II is placed on past tense verb forms. There is also more learning of culture found in Spanish speaking countries.

Spanish III

Grade Level: 11 and 12 **Course Length:** Year

Prerequisites: Spanish I, Spanish II passing with at least a "C"

Description: Students will continue to learn vocabulary and develop more advanced grammar skills. Emphasis is being placed on conversational skills and natural learning of language using the skills already developed. Students will be writing short compositions and engaging in critical discussions, largely based on important current events, books and cultural discussions. They'll apply previously learned and newly presented material. Students be exposed to large amounts of "native speed and style" Spanish.

Spanish IV

Grade: 11 and 12

Length: Year

Prerequisites: Spanish I, II, III, teacher recommendation

Description: Students will continue to learn vocabulary and develop advanced grammar skills. However, grammar and vocabulary are not principal subjects. Outstanding questions will be resolved, but emphasis will be placed on conversational and compositional skills. A greater emphasis will be using the target language in class. Students will write and defend critical

compositions, continuing to read both short novels and articles from Spanish sources and listening to further native Spanish speech.

AP Spanish / Spanish IV

Grade: 11 or 12 **Length:** Year

Prerequisites: Spanish Teacher Recommendation

Description: Students will continue to learn vocabulary and develop advanced grammar skills. However, grammar and vocabulary are not principal subjects. Outstanding questions will be resolved, but emphasis will be placed on conversational and compositional skills. All speaking in class will be in Spanish. Students will write and defend critical compositions, continuing to read both abridged and unabridged literary pieces and articles from authentic Spanish sources and listening to further native Spanish speech

