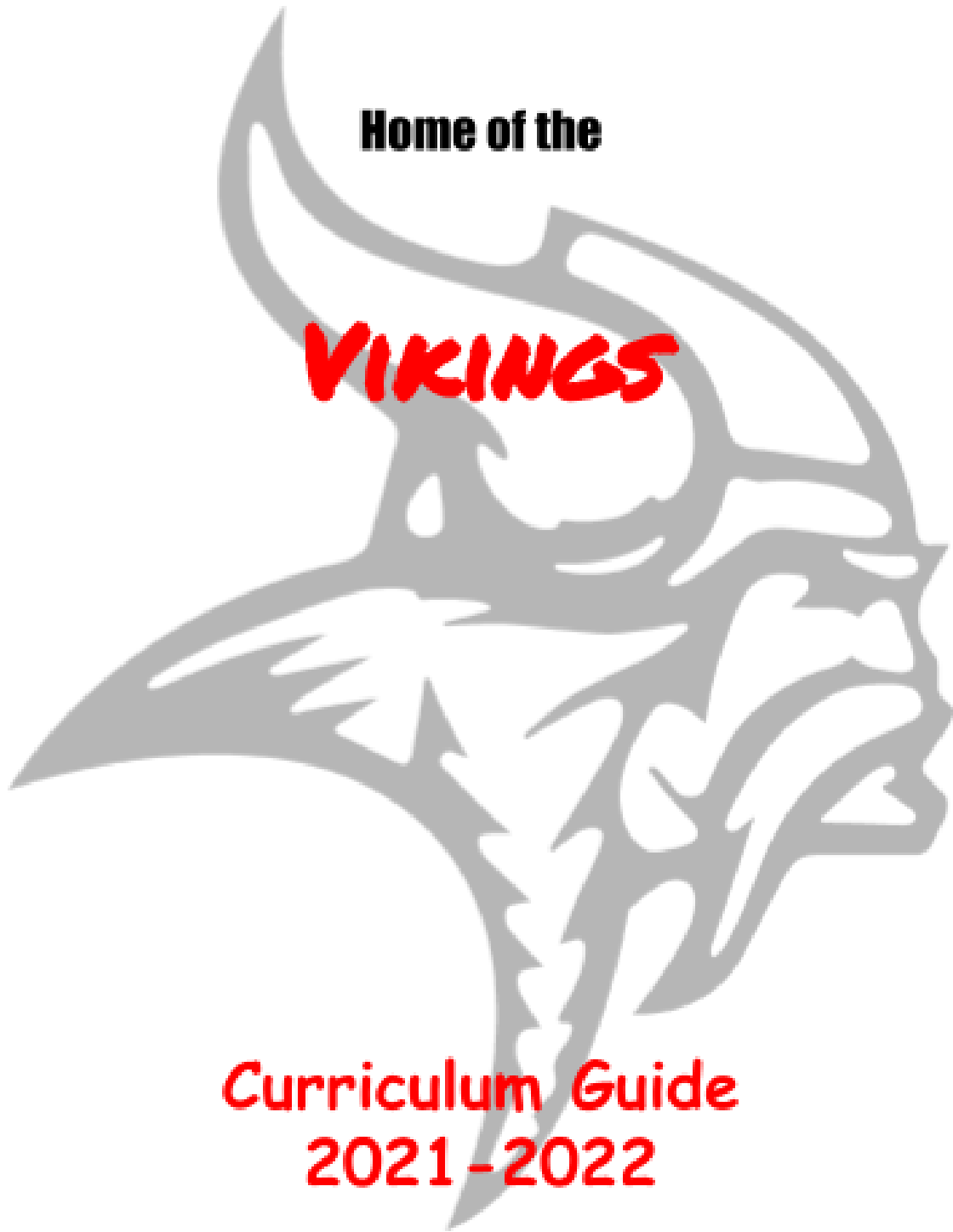


# WHITEHALL HIGH SCHOOL

Home of the

**VIKINGS**

Curriculum Guide  
2021-2022



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### **Class Descriptions for Whitehall Home School Classes 2021-2022**

## SELECTING COURSES

When a student selects a schedule for the school year, he/she should use care and deliberation, as the master schedule is built around student choices. Schedule changes result in delaying the educational process and an imbalance (teacher/student ratio) in courses. Limited changes will be allowed during the first week of school.

Ordinarily, a student is expected to enroll in six (6) class hours each day. Either principal or counselor must approve exceptions to this. The following are some exceptions:

1. Participation in the Vocational Programs (Juniors & Seniors).
2. Participation in the "Dual Enrollment Program"

## ACADEMIC DIFFICULTY

Students and/or parents are urged to view the parent internet viewer to stay current with their student's grades. If problems occur, it is recommended that you contact the teacher to address the concern. Please refer to our website [www.whitehallschools.net](http://www.whitehallschools.net) for more up-to-date information on your student's grades and attendance.

## ALTERNATES

Each student is required to select 3-4 alternate courses to be used in case a primary choice can't be scheduled. As much care should be used in selecting alternates as in selecting primary offerings.

## SUMMER SCHOOL

Summer school credit, for required courses only, is made available to those students who have failed to obtain credit through the regular school year. Enrollment and tuition are the responsibility of each student through White Lake Community Education at 893-0515.

## RETAKING A CLASS

A student who fails a required class must retake that class and earn a passing grade in order to meet graduation requirements. If the class that is retaken earns a passing grade, the former "F" grade will be changed to "N" and will not be reflected in the cumulative GPA.

A student also has the option of retaking a class for better understanding of the subject and/or for a better grade. If the original grade was below a B-, the improved grade will then replace the previous grade on the student's transcript and be part of the cumulative GPA.

## SPECIAL EDUCATION SERVICES

Whitehall High School provides a continuum of services for students who are eligible for Special Education Services. Programs range from consultant services to classroom programs on a part to full time basis. Students must be evaluated to qualify for special services according to the State of Michigan guidelines. Parents who suspect their child is in need of special education services should contact the counselor or the principal for more information.

## WHITEHALL HIGH SCHOOL - 4 YEAR PLAN

Typical progress for required core classes.

	Math	English	Science	Social Studies	Elective	Elective	# of Credits
9th Grade	Algebra I Geometry Geometry Honors	English 9 English 9 Honors Reading	Biology	World History World History Honors	½ Semester Health/PE	Elective	6
10th Grade	Geometry Algebra 2 Honors	English 10 Pre AP English	Chemistry Chemistry Honors Physics	US History US History Honors	Elective	Elective	6
11th Grade	Algebra 2 Pre Calc Stats	English 11 AP Lang AP Lit	Field Science Anatomy/ Physiology OR - AP Science	Social Studies class OR Elective	Elective	Elective	6
12th Grade	AP Calc AP Stats OR Other 4th year math option	English 12 AP Lang AP Lit	Science class OR Elective	Economics 1 semester Government 1 semester	Elective	Elective	6

\*\* Red shaded sections are required for graduation. [Back to Table of Contents](#)

## GRADUATION REQUIREMENTS

Possible Yearly Credits  
Earned by Semester  
6

Possible Graduation  
Credits Earned  
24

Required Graduation  
Credits Earned  
22

Courses Required	Classes	Credit	Required Grade
English (4 Credits)	English 9 English 10 or Pre AP Appropriate HS English Course Appropriate HS English Course	1 1 1 1	9 10 11 12
Math	Appropriate HS Math Course Appropriate HS Math Course Appropriate HS Math Course Appropriate HS Math Course	1 1 1 1	9 10 11 12
Science	Biology Chemistry/Physics Appropriate HS Science Course	1 1 1	9 10 11/12
Social Studies	World History US History Government Economics	1 1 .5 .5	9 10 12 12
World Language	World Language (1 credit may be replaced with additional CTE or Visual/Performing Arts credit)	2	Open
Health	Health	.5	Open
Physical Education	Any High School PE credit	.5	Open
Visual/Performing Arts	Any Visual Performing Arts or Career and Technical Education courses	1	Open
Electives	Any High School elective courses	4	Open
<b>Total</b>		<b>22</b>	

**\*\*** Transfer students from other high schools will be given individual consideration concerning the courses required for graduation. [Back to Table of Contents](#)

## **POLICY ON EARLY GRADUATION**

Four school years of attendance are required for graduation except in special cases. The procedure for special cases is as follows:

1. A parent or guardian expresses, in writing, the student wants to graduate early. This should be done *by May 15<sup>th</sup> prior to their Junior year.*
2. Students and parents request an interview with the principal and counselor.
3. Each case is reviewed by a committee of three teachers, counselor, and principal. Principal, counselor and student will select teachers.
4. The student must have successfully completed all required courses at the time of graduation as specified under graduation requirements.
5. The student must have earned sufficient credits at the time of graduation specified under graduation requirements.
6. Each case will be presented to the Superintendent for approval.
7. Seniors may request a diploma and be released from high school after the first semester if all requirements have been met, but these students will not be allowed to participate in end of the year ceremonies (commencement, etc.) [Back to Table of Contents](#)

## **WEB BASED OPTIONS FOR HIGH SCHOOL CREDIT**

### Viking Virtual

All Whitehall High School students have the option to complete their coursework 100% virtually or a hybrid of face-to-face classes and virtual learning. We use three different platforms for virtual learning. Viking Virtual ([www.micourses.org](http://www.micourses.org)) are courses that are monitored by Whitehall High School teachers. Students will be required to check in weekly and complete assignments. Michigan Virtual ([www.micourses.org](http://www.micourses.org)) is used for more challenging courses such as AP or electives that Whitehall High School does not offer. The students will be assigned to a mentor within the Michigan Virtual system. Edgenuity ([www.edgenuity.org](http://www.edgenuity.org)) courses are for credit recovery and more basic electives. All virtual classes will receive a letter grade and are calculated into the student's GPA and transcript.

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## **COURSES OFFERED BY DEPARTMENT**

### **ART(Arts and Communications)**

The Art Department is designed to help interested students translate ideas and feelings into visual form. The department tries to exert an influence in making students more sensitive to things they see, use and create. Art provides an opportunity for students to express in visual form their personal and changeable feelings by using various methods and techniques. These courses prepare students for college courses in art and also for careers in Commercial Art, Fine Art and Art Education. These art courses will help develop knowledge of the history of art and also art appreciation.

### INTRODUCTION TO ART I – 9-12/ Elective/1 Semester

This course is an introduction to various kinds of art, as well as a study of why and how people create art. Art experience is helpful, but not required. Students will study 2D and 3D art elements. Principles of design, composition, and craftsmanship will be stressed in all work. A sketchbook is required for this class.

### DRAWING & PAINTING I – 9-12/Elective/1 Semester/Prereq: “C-“ Intro to Art I

Students will study two-dimensional design and composition using a large variety of materials such as: pencil, charcoal, pastels, ink, watercolor, tempera, and acrylic. The work of other artists will be studied. Students will become proficient with color theory.

### PHOTOGRAPHY-11-12/ Elective/1 Semester/Prereq: “C-“ in Intro to Art I and teacher OK

This class is designed for students who wish to become proficient in the technical and creative aspects of the photographic medium. Students will learn how to use the camera, how to process film, how to print black and white photos, and use an enlarger. Digital photography will also be explored. Students will learn to import, change, and create art using various computer assisted art methods. [Back to Table of Contents](#)

## **ENGLISH**

### READING 9-10– 10/.50 credit/1 Semester Course/English Credit

This course is a reading intervention class that targets foundational phonemic awareness, language, memory, attention, processing and sequencing skills to strengthen and advance students' reading levels. This course utilizes an online program called Fast ForWord which starts with cognitive skills such as memory, attention and processing speed and works from the bottom up, using the principles of neuroplasticity and extensive brain research. Fast ForWord aims to remediate the underlying difficulties that keep struggling readers from making progress. In addition to the online content, students will engage in reading/discussing whole class novels and participate in other activities to promote literacy.

### ENGLISH 9 – 9/Required/1 credit/Full Year Course

English 9 challenges students with a variety of experiences. Students are exposed to short stories, non-fiction real world articles, novels, poetry, grammar, and SAT preparation. Students read one (class novel) per semester along with many choice novels. As early as the first week of school, students will be selecting novels of their choice to read. This averages out to about one choice novel per month each student is required to read. Students will also be utilizing a writer's notebook that will focus on many different writing assignments including: poetry, narrative writing, argument writing, and informative writing.

The 9th grade curriculum encourages students to improve their listening, speaking, writing, and reading skills while integrating technology in the classroom. Students will gain these educational skills through group discussions, technology use, independent projects, oral presentations, and a strong focus on reading, writing, and grammar.

### ENGLISH 10 – 10/Required/1 credit/Full Year Course

This required course is designed to continue the development of language arts skills in reading, writing, speaking, listening, and organizing. Reading selections will focus on various genres, including autobiographies, memoirs, classical literature, contemporary literature, poetry, and nonfiction. Writing genres will include narrative, argumentative, expository, and various formal and informal journals designed to promote writing as a process over time.

### ENGLISH 11 – 10-11/Required/1 credit/Full Year Course

This required course is designed to continue the development of language arts skills in reading, writing, speaking, listening, and organizing. Reading selections will focus on various genres, including autobiographies, memoirs, classical literature, contemporary literature, poetry, and nonfiction. Writing genres will include narrative, argumentative, expository, and various formal and informal journals designed to promote writing as a process over time.

#### ENGLISH 12 – 12/1 credit/Full Year Course

You will be transformed into a lifelong reader and writer. With strong reading and writing skills comes confidence and impressive communication skills. Look forward to a rigorous learning environment both academically and socially. We will share and talk about literature and writing as we strengthen our skills. Much of what you read and write will be your own choice. This simply means student driven. Reading and writing for fun is encouraged. This will help your scores fall into place and enable you to be a reader and writer by nature, and not just in the classroom. There will be a required independent novel each month (with the exception of when *Frankenstein* and *Hamlet* are studied) and you will write a combination of narrative, informational, and literary essays. You will also write poems and create various presentations using advanced technological classroom resources. A Writer's Notebook and a Student Portfolio are due at the end of the course.

#### AP ENGLISH LANGUAGE AND COMPOSITION – 12/1 credit/Full Year Course

This course offers a full-year, Advanced Placement English curriculum designed to improve students' understanding of rhetoric within the contexts of analytical and critical reading and writing. From the AP College Board:

[This] course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes.

The reading and writing students do in the course should deepen and expand their understanding of how written language functions *rhetorically*: to communicate writers' intentions and illicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g., memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques, and research reports).

Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, and genre). The course helps students understand that formal conventions of the English language in its many written and spoken dialects are historically, culturally, and socially produced; that the use of these conventions may intentionally or unintentionally contribute to the effectiveness or ineffectiveness of a piece of writing in a particular rhetorical context; and that a particular set of language conventions defines Standard Written English, the preferred dialect for academic discourse. (The College Board 2014)

#### AP ENGLISH LITERATURE – 12/1 credit/Full Year Course



This course offers a full-year, Advanced Placement English curriculum designed to improve students' understanding of classical and contemporary literature within the contexts of critical reading and writing. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. (The College Board). In May, students will take the AP Exam, which is graded on a 1-5 scale. A student who earns a grade of 4 or 5 on the exam will be granted college credit at most colleges and universities throughout the United States. Those who earn a 3 may also earn either credit or may be able to waive a college course. Students must meet established criteria to enroll in this course.

### GREEK MYTHOLOGY – 12 / 1 CREDIT / FULL YEAR COURSE

The year long course would focus on the history, literature, and mythology of Greece. The course would cover the reading and analysis of Greek literature, drama, philosophy, mythology, and history. In addition to the required reading, students would engage in various forms of writing: research, creative, argumentative, and analytical.

### VIKING COMMUNICATIONS - 10-11-12/Full Year Course/1 Credit/Prerequisite: BST and application

This is a class designed to develop and promote communication through publications at Whitehall High School. Students are expected to become proficient in the graphic art areas of layout, copy, photography, printing techniques and electronic design. This will be accomplished through working on the publication of the yearbook and the school newsletter. The course will include a study of the organization and contents of a newspaper, stressing interviews, feature writing, sports coverage, copy reading and headline writing. Each student is required to sell advertising and solicit patrons for the yearbook. [Back to Table of Contents](#)

## **FOREIGN LANGUAGE**

NOTE: A two-year sequence of one foreign language is required starting with the class of 2016 and is also highly recommended for any college-bound student. A proficiency test may be taken through the university to obtain college credit, if possible. Admission requirements vary by university.

### SPANISH I – 9-10-11-12 /Elective/1 Credit/Full Year Course

Spanish I is an introduction to developing skills for comprehending, conversing, reading, and writing in Spanish. These skills are learned through conversational Spanish and reading and writing exercises.

### SPANISH II – 9-10-11-12 / Elective/1 Credit/ Full Year Course/Prereq: Successful completion of Spanish I

Spanish II is a continuation of Spanish I. Greater emphasis will be placed on the grammatical structure of the Spanish language in conversations, reading, and writing. [Back to Table of Contents](#)

## **INDUSTRIAL TECHNOLOGY**

### AMT-129 Introduction to Technology 9-12 / .5 CREDIT / 1 SEMESTER

This course provides an integrated introduction to the current computer-based technologies of manufacturing. Students will develop a foundation of understanding through hands-on experience in: basic microcomputer operations, Computer-Aided-Design (CAD), Computer-Aided-Machining (CAM), Computer Numerical Control (CNC), Robotics, Computer Automated Process Control, spreadsheets and Word-processing. The course also promotes: problem solving, group process, decision making, planning, and communication skills.

**INTRO TO ENGINEERING** 11-12/.5 credit/1 Semester/ Prerequisite: Algebra

Mechatronics offers a design process that includes a combination of modular manufacturing work cells, computer simulations, pneumatic and hydraulic kits to engage and build a collaborative network between education and industry and build interest and awareness in manufacturing.

**Mechatronics** - .5 Credit/1 Semester/Elective

Mechatronics is the combination of precision mechanical engineering, electronic control, and systems thinking in the design of products and manufacturing processes. Working with highly automated equipment, students learn how to design and build complex systems like those used in robots, electrical cars, and manufacturing processes.

**COMPUTER AIDED DESIGN (CAD 110 AND CAD 135)** – 9-12 / Elective/ 1 credit / Full Year / MCC credit offered

This course is an introduction to basic computer-aided drafting using AutoCAD TM. Basic 2D CAD drafting skills will be the primary focus of this course. Students will earn high school and college credit from MCC. [Back to Table of Contents](#)

## **MATHEMATICS**

**ALGEBRA** - 9/Required/1Credit/Required/ Full Year Course /No Prerequisite

This course has a scope far wider than most other algebra texts. It uses statistics and geometry as settings for work with linear expressions and sentences. Probability provides a context for algebraic fractions, functions, and set ideas. There is much work with graphing. Applications motivate all topics, including exponential growth and compound interest.

**GEOMETRY** - 9-10-11/Required/1 Credit/Full Year Course /Prerequisite: Algebra

This text presents coordinates, transformations, measurement formulas, and three-dimensional figures in the first half of the book. Concentrated work with proof writing is later, following a carefully sequenced development of the logical and conceptual precursors to proof.

**ALGEBRA 2 /ALGEBRA 2 HONORS**- 9-10-11-12/Required/1Credit/Full Year Course /Prerequisite: Geometry

This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, and other special functions both for their abstract properties and as tools for modeling real-world situations. Geometry or teacher approval is a prerequisite, for geometric ideas are utilized throughout. Students are required to have their own TI-83 graphing calculators.

### PRE-CALCULUS –11-12/1 Credit/ Full Year Course /Prerequisite: Algebra 2

How do city planners in Dallas plan for future housing needs? How do scientists compare earthquake intensities, or doctors determine dangerous acidity levels? How does a manufacturing company minimize its operating expenses? What kinds of things would have to be considered to one day build a space station on Mars? What kind of adjustments do pilots need to make for crosswinds?

Join Pre-Calculus to learn about the different ways advanced math can impact the world around us. We will use new and improved technology (SMART, Moodle, E-instruction, TI-Nspire) to explore topics in greater detail than in previous courses. Students will learn new methods and techniques with the idea of utilizing them in problem-solving in a chosen career, as well as use online tools to help their understanding. Students will participate in a design-and-develop project that may focus on a career interest. Those headed towards fields of medicine, business, or engineering are strongly urged to further continue to Calculus to get a great understanding of the changing world around us. *Students are expected to have a graphing calculator (TI-83 family or Nspire).*

### PERSONAL FINANCE – 12/ Elective/1 Credit/ Full Year Course (This course will meet 4<sup>th</sup> year math requirement)

Students will gain valuable knowledge and skills that will help to make good financial decisions-now and in the future. Areas of study include: Understanding Income; Money Management; Spending and Credit and Saving and Investing. A 9 week Career Planning Unit will be covered. Guest speakers from different career pathways will be utilized. Financial/College Planning units including the FAFSA will be covered.

### TECHNICAL MATH - Grade 11-12/Full Year Course

This course will cover the principles of arithmetic as applied to manufacturing and business problems. Also included will be the use of the scientific calculator, basic algebra and statistics.

### AP CALCULUS - 11-12 /1 Credit / Full Year Course /Prerequisite: Pre-Calculus and Trigonometry

This college-level course will challenge the exceptional math student. Students will be exposed to formal differentiation and integration, along with more advanced concepts of maxima, minima, limits, and infinite sequences. Other topics will be studied including slope fields, local linearity, l'Hopital's rule, product rule, quotient rule, chain rule, implicit differentiation, parametric equations, and continuity. Real life situations will be explored through optimization processes for area, volume, and economics in the areas of business and industry. Students are required to have their own graphing calculators and be proficient with them. Students will have the choice to take the AP Exam in the spring to earn college credit based on their score and their choice of college.

### AP Statistics - 11-12/1 Credit/ Full Year Course/Prerequisite: Algebra 2 and Teacher Recommendation

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1) Exploring Data: Observing patterns and departures from patterns. 2) Planning a Study: Deciding what and how to measure. 3) Anticipating Patterns in Advance: Producing models using probability and simulation. 4) Statistical Inference: Confirming models.[Back to Table of Contents](#)

## **MUSIC**

SYMPHONIC BAND - 9-12/ Elective/1 Credit/ Full Year Course /Prerequisite: Audition or successful completion of junior high school band program.

Marching Band is emphasized during the quarter. The Marching Band performs at the home football games, Homecoming and Christmas parades, and in 3 to 4 Marching Band competitions in the fall. All band members will need to attend marching band camp in August to prepare for marching season.

The high school symphonic band is the premiere performing ensemble of the Whitehall Instrumental Music Department. The band performs many works from the traditional band repertoire, as well as works by contemporary composers. The ensemble achieves and maintains high musical standards in both marching and concert performances. Students may also participate in Solo and Ensemble Festival and Basketball Band during the winter season.

#### **CONCERT CHOIR** - 9-12/ Elective/1 Credit/ Full Year Course

This is a year-long course offered to current and aspiring singers (SAB) in grades 9-12, regardless of their previous choral experience. The core curriculum explores a variety of musical repertoire, vocal technique, sight-reading, and music theory. During the second semester, students will participate in the Michigan School Vocal Music Association's Choral Festival. Students are expected to participate in the one evening concert each quarter as a major part of their grade.

#### **CHAMBER ENSEMBLE** - 10-12/ Elective/1 Credit/ Full Year Course /Prerequisite: Teacher OK & audition

Select Ensemble is a mixed (SATB) voice ensemble that performs a variety of choral music. After-school and evening performances are required for this ensemble. Admittance is by audition only. This course is open to 10-12 grade men and women (with teacher exception if needed) who have reached a high proficiency of musicianship and have the equivalent of two years in a choral performing ensemble. The core curriculum explores a variety of musical repertoire, vocal technique, sight-reading, and music theory. Students are expected to participate in one evening concert each quarter as a major part of their grade.

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### **PHYSICAL EDUCATION**

#### **HEALTH** – 9<sup>th</sup>-12<sup>th</sup> / Required/1 semester

Nutrition, Food and Health Concepts is a comprehensive study that involves analysis, synthesis, and evaluation of important decisions about lifestyle choices. This class will introduce topics such as eating habits, energy nutrients, and tobacco/drug/alcohol use, and nutrition management, aspects of wellness, physical activity, and reproductive health.

#### **PHYSICAL EDUCATION** – 9<sup>th</sup>-12<sup>th</sup> /.50 Credit/1 semester/option 1

This course is designed to contribute to the development of boys and girls through a variety of physical experiences. Emphasis is placed on student participation and improvement of skill performance in each unit. These activities will serve to educate the student in a wholesome use of leisure time and recreational activities both as a participant and as an appreciative spectator. A student must complete either semester to complete P.E. requirement and will cover state guidelines of individual, team, dual, outdoor pursuit, and gymnastics/tumbling. Each semester will place an emphasis on cardiovascular, weight training for fitness, and aerobics. Additional activities include: Frisbee sports, volleyball, Badminton, floor hockey, tumbling Ping-Pong, Bocce, and HorseShoes.

#### **FITNESS TRAINING** - 9<sup>th</sup>-12<sup>th</sup> /.50 Credit/1 semester/option 2

This course is designed for students who wish to develop strength, speed, agility, size, and cardiovascular capacity through weight training, conditioning, plyometric exercises, and sprint training. Fitness Training will give students an opportunity to improve their strength, skills, and fundamentals in specialized areas through an individualized lifting and conditioning program.

Information and handouts will be included but not limited to nutrition, fitness, and weight training topics.

**SPORT DISCOVERY** - 11-12/.50 Credit/1 semester/prerequisite varsity athlete/instructor/coach approval

This course will explore mental-game in athletics and is vital to an athlete's success. Confidence preparation focuses on the present moment having a positive attitude and choosing to evaluate success on the process as well as the outcome are all mental skills to be developed just like the physical skills that need to be developed to excel in sport. This course is designed to help students apply practical as well as theoretical information as it relates to the psychology of sport. Various mental training skills that can enhance one's athletic performance will also be covered. Some of the areas related to this class will be explored this semester includes stress, motivation, goal-setting, leadership, and imagery. Your personality, as it relates to athletic competition, as well as competition in the "real world," will also be explored. [Back to Table of Contents](#)

## **SCIENCE**

**BIOLOGY** – 9-10-11-12/Required/1 Credit/ Full Year Course/no Prerequisite

In Biology the student will learn through lectures, projects, laboratories, quizzes and tests. This class is geared towards preparing the student for basic college science courses. The area of study is very broad covering biochemistry, the cell, cell energetics, cell division, Mendel, molecular genetics, DNA / RNA and protein synthesis in Biology A. Biology B focuses on the Human systems, homeostasis, ecosystems, ecology, and evolution.

**FIELD SCIENCE A-** 11-12/ Elective/1 Semester/Prerequisite: Biology

Students will be required to conduct field studies in aquatic and terrestrial systems in a way that relates earth science, physical science and life science as interdependent systems. Students will become comfortable with the use of the Internet as well as expressing themselves both verbally and in writing. This class will be doing scientific measurements for NASA, Georgia Tech, The University of New Hampshire, Arizona State and The University of Ohio at Toledo.

**FIELD SCIENCE B-** 11-12/ Elective/1 Semester/Prerequisite: Biology

In this class, students will study the biomes that include wetlands, streams and lakes. Extensive use of the area watershed will require students to be outside most of the time. Two field trips will be taken to explore the fauna in a lakes and river/stream environment. Data gathered will be shared with GVSU and entered into the GLOBE database.

**CHEMISTRY ESSENTIALS** - 10-11-12/.5 Credit/ 1 Semester /Prerequisite: Algebra

An inquiry oriented approach to the introductory principles of chemistry. The introductory course of chemistry requires minimal math. Students build on their previous knowledge of subatomic particles. They explore the patterns presented on the periodic table of elements. Students practice writing names

and formulas, and drawing molecular models. Emphasis is placed on relating the particulate level interactions of atoms to the macroscopic reactions seen in the laboratory.

CHEMISTRY HONORS - 10-11-12/1 Credit/ Full Year Course /Prerequisite: Algebra

An inquiry oriented approach to the introductory principles of chemistry. The first half of chemistry requires minimal math. Students build on their previous knowledge of subatomic particles. They explore the patterns presented on the periodic table of elements. Students practice writing names and formulas, and drawing molecular models. Emphasis is placed on relating the particulate level interactions of atoms to the macroscopic reactions seen in the laboratory. Another major goal is to prepare the student to apply problem solving skills and understand the role chemistry plays in all aspects of daily life. The second half requires a fundamental understanding of algebra. Students relate reactions in the laboratory to the major principles of chemistry, including stoichiometry, thermochemistry, gas laws, colligative properties, equilibrium and acid/base chemistry. This course exceeds the requirements set forth in the High School Content Expectations by including content that is geared to prepare students to be successful in college chemistry courses. Homework time is approximately 20 – 30 minutes daily.

PHYSICS ESSENTIALS - 11-12/ .5 Credit/ 1 Semester /Prerequisite: Algebra

A course designed to help the student gain a mathematical understanding of the physical laws and principles governing the universe. An experimental approach to the major ideas in physics is used in the form of designing and building systems that use the concepts covered.

PHYSICS HONORS - 11-12/1 Credit/ Full Year Course /Prerequisite: Algebra 2 with a “C” average is required. (Meets 4<sup>th</sup> year math requirement)

A course designed to help the student gain a mathematical understanding of the physical laws and principles governing the universe. An experimental approach to the major ideas in physics is used in the form of designing and building systems that use the concepts covered. This course exceeds the requirements set forth in the High School Content Expectations by including content that is geared to prepare students to be successful in college physics.

AP PHYSICS – 12/ 1 Credit/ Full Year Course / Prerequisite: Algebra 2 with a “C” average and Physics. (Meets 4<sup>th</sup> year math requirement).

AP Physics 1 is an introductory college-level physics course designed to simulate the rigor and skills needed for a first year college course. The course is algebra based and the topics of study include Newtonian mechanics, work, energy, mechanical waves, sound, and simple circuits. This course also has a laboratory requirement which will be met with hands-on labs along with online simulations. The labs will be inquiry-based to provide students the opportunity to develop critical thinking and reasoning skills along with applying the science practices

ANATOMY & PHYSIOLOGY- 11-12/ Elective/1 Credit/ Full Year /Prerequisite: Chemistry

Covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Introduces common human disease processes. The laboratory portion of the class includes dissection of pigs, cats, frogs, and other anatomical structures as well as interactive labs covering the systems.

AP CHEMISTRY - 11-12/ Elective/1 Credit/ Full Year /Prerequisite: Chemistry

AP Chemistry is a continuation of the principles studied in Chemistry. A first year college text is used. Chemical kinetics, thermodynamics, chemical equilibrium, acids and bases, and oxidation/reduction reactions and basic organic nomenclature are among the topics covered. At the conclusion of the course, students may take the AP test, which could earn college chemistry credit.

AP ENVIRONMENTAL SCIENCE -11-12/Elective/1 Credit/All Year/Chemistry and Teacher Recommendation

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The class will be approximately 25% laboratory work, and 75% class work. Students will be outdoors for much of the fall and the spring doing labs. [Back to Table of Contents](#)

**SOCIAL STUDIES**

WORLD HISTORY - 9/Required/1 Credit/ Full Year Course /No Prerequisite

World History attempts to provide the student with an overview of the development of civilization and the achievement of world cultures through time. Students will gain an understanding of today's world by studying events from the past that have shaped the world we currently live in.

UNITED STATES HISTORY – 10/Required/1 Credit/ Full Year Course /No Prerequisite

United States History is a study in the growth of our country as a nation. This course is designed to teach students about the achievements and struggles of the United States. Students will develop an understanding of our country's history and how it impacts them and the world around us. Class study starts with the Reconstruction Era to modern day history.

AP US HISTORY - 1 Credit/ Full Year Course / Prerequisite - Teacher Recommendation

Study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

GOVERNMENT/ECONOMICS - 12/Required/1 Credit/ Full Year Course /No Prerequisite

Government: This class will detail the qualifications, duties, and influences of the Federal government. It will examine the interaction between the three branches of the Federal Government as well as the relationship between federal and state authorities. The concepts of federalism, state rights, civil rights, and constitutional law will be studied in depth.

Economics: This course is designed to provide students with an introduction to both Micro and Macro economics as well as key components of personal financial management. Students will be introduced to the Economic challenges of all societies such as scarcity and market regulation along with international trade and organizational challenges. Supply/Demand, Market types, Costs of Production, institutional and personal financial management are all specific topics which will be covered. It is highly recommended



that the course be reserved for 12<sup>th</sup> grade students while underclassmen can be admitted with teacher recommendation. [Back to Table of Contents](#)

## **OTHER COURSES**

### FLEX - Resource - 9-12/Elective

Flex is a time that students can complete work for all classes. This serves as a virtual enrichment option. A certified secondary teacher will be assigned to each student. This time will also provide opportunities for individual interventions or personal growth options.

### GUIDED ACADEMICS - 9-12/ Elective/.50-1.0 credit/1-2 Semesters/Prereq: Teacher/Counselor OK

Guided Academics is a class designed to help students experiencing academic difficulties. Students are scheduled for this class after being recommended by two or more of their teachers. In this course, students will develop organizational and test-taking skills, and explore career opportunities. This is a guided instructional period where study skills are taught, and students receive help with core class homework.

### INTERNSHIP – 11-12/Elective/.5 – 2.0 credits/ 1-2 Semesters/ Prerequisite: Interview Process

Internships are a unique form of education, which integrates classroom study with supervised work experience. This type of career preparation activity is where students are placed at a work site for a defined period of time to participate in and observe work within a given industry. Unlike work experience, internships often allow students to rotate through a number of departments and job functions. This is an excellent way to determine if the industry and the profession is the best career option to follow before investing a lot of time and money in training and education. Must apply and follow an interview process with a Career Specialist. [Back to Table of Contents](#)

## **SPECIAL EDUCATION / VOCATIONAL COURSES (SHARED TIME)**

Whitehall High School provides a continuum of services for students who are eligible for Special Education services. Programs range from consultant services to classroom programs on a part to full time basis. Students must be evaluated to qualify for special services according to the State of Michigan guidelines. Parents who suspect their child is in need of special services should contact the counselor or the principal for more information. The following curriculum will vary depending on the student's needs.

INCLUSION CLASSES are offered in several departments (English, Math) depending on the needs of the students. A special education teacher is in the classroom with a regular education teacher to provide direct assistance to the student and to adapt materials.

### INTERVENTION - 9-10-11-12/1 Semester/Advocate Recommendation

This class assists students in pre-teaching and re-teaching of their core content curriculum. Students will work with different teachers during this hour, according to the areas in which they have academic need.

RESOURCE ROOM CLASSES are available for students requiring more support than available through inclusion or intervention classes. Based on student need, select sections of resource room classes do not



include Michigan Merit Curriculum. The available offerings in this area are dependent on student need. [Back to Table of Contents](#)

## ACADEMIC HONORS AND GRADING POLICY

**HONOR ROLL** - Students who maintain a minimum 3.0 GPA are placed on the honor roll each semester. All graded subjects are included in this average. Courses with “CR” are not included.

**HIGH SCHOOL HONORS** – In order to be considered as a “Distinguished Honor Graduate”, a student must have attended Whitehall High School for *six consecutive semesters* including the first term of his/her senior year. Students who maintain a 4.0 GPA, take 2 AP Classes and score 1200 or higher on the SAT will be considered as a “Distinguished Honor” Graduate.

**NATIONAL HONOR SOCIETY** - The William D. Monroe Chapter of the National Honor Society was chartered on January 20, 1955, to stipulate the high ideals of scholarship, leadership, service and character. To be eligible for membership, a student must have a 3.50 GPA at the end of the sophomore or junior year, and be rated as superior in the areas of leadership, service and character by the entire faculty. The final decision on membership is made by the faculty council, consisting of five appointed staff members.

The faculty and administration feel that membership in the National Honor Society is the highest award the school can give. The characteristics needed exemplify the ideals of secondary education. [Back to Table of Contents](#)

### CLASS RANK

Determination of final class rank will be made at the conclusion of the first semester of the senior year.

During the commencement program, students with a 3.50 or higher will be recognized accordingly with honor cords. This is determined at the end of the first semester. If a student qualifies for an honor cord at the end of the last semester, and brings this to our attention, we will issue one. This does not guarantee it will appear in the graduation program. [Back to Table of Contents](#)

Cords will be given based on the following scale:

1 Cord	3.50 – 3.79	Cum Laude
2 Cords	3.80 – 3.99	Magna Cum Laude
3 Cords	4.00 +	Summa Cum Laude

### TESTING OUT

Students are allowed to “test-out” of a class only if they apply for this option by May 15<sup>th</sup>. Applications are available in the Student Services Office. *The student will be able to pick up materials the first Monday of summer vacation.* The student must contact the principal by August 15<sup>th</sup> to arrange testing. The Test must be completed prior to the start of the following school year. Please see your counselor for more details. [Back to Table of Contents](#)

## POST-SECONDARY ENROLLMENT OPTIONS ACT (Dual Enrollment)

A student may become dually enrolled, i.e. attend college while enrolled at Whitehall High School, under the following guidelines:

- The student must take the PLAN test, PSAT test or all of the Michigan Merit Exam and receive state endorsement in the subject areas in which the student wishes to enroll.
- In the case of Career or Technical classes, the student must take the PLAN test, PSAT test or all of the Michigan Merit Exam, receive a state endorsement in Math, and receive a qualifying score on a department recognized national or industry job skills assessment
- In the case of a student wishing to enroll in a content area for which there is no endorsement on the Michigan Merit Exam, such as philosophy, sociology, anthropology, or computer science, all sections of the Michigan Merit Exam must be taken, or the PLAN or PSAT test. No specific endorsement is needed.
- Students must meet college placement standards.

If a student meets one of the 3 previous requirements then he/she may take a college course as long as its equivalent is not offered at the high school and it is not in the subject matter of hobby-craft, physical education, theology, divinity or religious education. The student may also enroll in a college course for a subject that is offered by the high school but not available due to a scheduling conflict. Class must take place during the school year.

Dual enrollment students are responsible for understanding and utilizing the policies and procedures of the college. This includes, but is not limited to, registration, deadlines, placement testing, and counseling appointments.

Once a student has determined his/her qualification, the following procedures need to be followed:

1. The college course selected must be agreed upon by the student, parents, and designated school official *before* enrollment. A signed form will be used as proof of agreement and a copy of the form will be sent to the college for registration. The district will be billed for tuition and fees.
2. Transportation will be the responsibility of the student.
3. The college course may be taken for college credit and/or high school credit. However, some major universities will not grant credit for those courses that were taken for high school credit.
4. Upon completion of the course, the student will present his/her report card as evidence of attendance and successful completion of the course. *If a student fails the course or drops after the date for reimbursement, the student is responsible for any tuition and/or fees the district has paid.*
5. Consistent attendance must be maintained at both the high school and college.
6. The diploma will be withheld until this is paid.
7. The student is responsible to be aware of any drop and add deadlines.

receive the letter grade earned in these classes on their transcript and they will be calculated into the GPA. [Back to Table of Contents](#)

## **EDUCATIONAL DEVELOPMENT PLAN**

An EDP is a plan that students create to show their interests, abilities, high school courses, career possibilities, post-high school education options, and goals. The purpose of the EDP process is to help students think about their future, determine their focus, and develop a plan for achieving personal goals. In our district, we utilize XELLO, an internet-based program that provides the resources and tools for thinking about all of these areas and it automatically creates an EDP as students work with the program.

Parents and students are encouraged to visit and update their XELLO plan often. Go to the student's Powerschool account and click on the link at the top right of the page. [Back to Table of Contents](#)

## **MUSKEGON COUNTY CAREER TECH CENTER (11-12/Elective/3 Credits/Full Year Course)**

The Career Tech Center in Muskegon is an extension of Whitehall High School. Students who attend typically go on to college or trade school for additional training or find employment. Students should plan their schedules carefully if they plan to attend the Career Tech Center during their Junior and Senior years for three hours of their school day.

Students can enroll in one of the following programs located at the Career Tech Center:

- Allied Health Technologies (4<sup>th</sup> Yr English, Science or Visual/Performing Arts Credit)
- Auto Collision/Refinishing (4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Auto Service Technology (4<sup>th</sup> Yr English, 4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Bio Tech & Engineering (4<sup>th</sup> Yr English, 4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Computer Aided Design (4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Construction Trades (4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Cosmetology (4<sup>th</sup> Yr Visual/Performing Arts Credit)
- Criminal Justice (4<sup>th</sup> Yr English or Visual/Performing Arts Credit)
- Electrical/Computer Tech (4<sup>th</sup> Yr Math, Science or Visual/Performing Arts Credit)
- Environmental/Veterinary Sciences (4<sup>th</sup> Yr English, Science or Visual/Performing Arts Credit)
- Foundations of Healthcare\*\* (4<sup>th</sup> Yr English or Visual/Performing Arts Credit)
- Graphic Production Technologies (4<sup>th</sup> Yr English, 4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Hospitality & Food Management (4<sup>th</sup> Yr English, 4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Health Science Academy\*\* (4<sup>th</sup> Yr English, Science or Visual/Performing Arts Credit)
- Internet, Network, & Security Technology (4<sup>th</sup> Yr English, 4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Machine/Engineering Technologies (4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)
- Welding Technologies (4<sup>th</sup> Yr Math or Visual/Performing Arts Credit)

\* Completing a Michigan Department of Education approved CTE program may allow student to substitute these CTE credits in place of:

- 1 Credit of Science
- 1 Credit of World Language
- 1 Credit of Social Studies
- 1 Credit of Physical Education and Health
- 1 Credit of Visual Performing Arts

\*\* Math credit in this course may be earned IF students successfully complete the optional Pharmacy Tech certification.

Brochures with complete course descriptions are available in the Student Services Office or visit the CTC website at [www.muskegonisd.org/ctc-new](http://www.muskegonisd.org/ctc-new). All programs are half-day. Transportation will be provided except for the cosmetology classes. ***Cosmetology students must provide their own transportation at their own expense.***

**CAREER TECH SCHEDULE** – Transportation Provided for AM and PM Sessions from WHS.

AM SESSION: Class Time: 8:05 a.m. - 10:35 a.m.	PM SESSION: Class Time: 11:45 a.m. - 2:15 p.m.
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## **Whitehall District Schools**

### **Class Descriptions for Home School Partnership 2021 2022**

#### **Seated Classes**

#### **ART**

##### **Art 101 –Art and Me/Laugh and Learn Series**

Laugh and Learn Series/Art and Me is designed for our younger learners. This class will complement content taught in other classes in the Partnership, but at an age appropriate level. Students will be learning the basics of art in all types of different mediums. Students will create crafts, paintings, sculptures and more. Grades K-2

##### **Art 102 - Art in the Style of.....**

Students in this class will be introduced to many artists, both past and present. After being introduced to the artist, students will apply a variety of painting and drawing techniques using their work as a springboard to create their very own masterpieces. 2<sup>nd</sup> semester only Grades 3<sup>rd</sup>-8<sup>th</sup>.

##### **Art 103 – Nature Inspiration**

Learn more about the world around you and appreciate your own backyard. Students will learn about animals, culture, nature and arts in different places around the world using various artistic mediums; including visual art, PE and technology. Grades 6<sup>th</sup>-12<sup>th</sup>

##### **Art 104 - Early Elementary Art**

Children will enjoy the world of art using paint, oil pastels, clay and of course their imaginations! This learning experience will place an emphasis on having fun with friends while exploring their creativity. 2<sup>nd</sup> semester only, Grades K-2<sup>nd</sup>

### **Art 105 – Life Style**

This class will combine life skill lessons, health units, food preparation and technology.

It is designed to increase student knowledge and skills necessary for everyday living using fun strategy activities. The course emphasizes decision making and problem solving, communication, healthy life styles, nutrition and consumerism. Grade 6<sup>th</sup> -12<sup>th</sup>

### **Art 106 - Creative Art Expressions**

Explore art and communication in new and creative ways. Students will learn to keep an art journal and experience projects through a variety of mediums to express themselves. It will be a journey of creativity, intrapersonal and interpersonal communication and reflection!

**Prerequisite:** students must be able to independently cut, paste, hammer a nail, work hands-on with materials using fine motor skills and be able to connect & communicate feelings & emotions associated with assigned projects. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Art 107 – Philanthropy**

[phi-lan-thro-py: fə'lanTHrəpē-]

- 1: a spirit of goodwill toward all people especially when expressed in active and generous efforts to help others
- 2: a charitable act or gift
- 3: an organization which distributes or is supported by charitable contributions

Students will explore leadership skills, teamwork and effective communication techniques through service learning. Students will plan events for our program and have an opportunity to do community service. We will have a local community goal as well as raise funds for an international charity.

**Prerequisite:** students must be able to login to student Gmail account independently. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Art 108 – Sewing for Beginners**

Never touched a sewing machine, but would like to learn? This class will cover the basics of sewing from threading the machine to creating projects you can be proud of! Grades 3<sup>rd</sup>- 8<sup>th</sup>

### **Art 109 – Advanced Sewing**

Already know the basic of sewing? This class will allow you to create your own patterns, expand your skills and create more complicated items. Grades 3<sup>rd</sup>- 8<sup>th</sup>

### **Art - 110 Creative Solutions in Art**

Creative Solutions in Art is a class that you will solve problems with creative ways using everyday household items. We will do lots of creative building and constructing along with plenty of “first tries” while celebrating each solution we find.

### **Art 111 – Americana**

Americana is defined as: any collection of materials and things concerning or characteristic of the United States or of the American people and representative or even stereotypical of American culture as a whole.

Students will explore the greatness of the American spirit- our culture, constitution, geography, food, art, music and more. Patriots will have fun learning about America- the land of the free and home of the brave. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Art 112 – Art FUN**

This class will teach you the fundamentals of art: color, color wheel, color mixing, art techniques and more.

We will explore the basics and progress through the year using different mediums (pencil, chalk, oil pastels, paint, clay, beads, scissors) doing different projects: drawing, painting, collages, mold/modeling/sculpting. The focus on this class will be on developing basic art skills. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Art 113 - Architectural Art**

Build, draw and paint a variety of structures and buildings. Projects will be based on world-famous buildings, their function and history, as well as unique student-created structures. 2<sup>nd</sup> semester only, Grade 3<sup>rd</sup>-8<sup>th</sup>

### **Art 114 - Animal Art**

This class is for children who love animals and enjoy painting, drawing, and working with clay. Using the Animal Kingdom for inspiration, we'll create a variety of mammals, birds, insects, fish and reptiles. 2<sup>nd</sup> semester only, Grade 3<sup>rd</sup>-8<sup>th</sup>

### **Art 115 – Culture and Culinary Art**

Learn the basics of different forms of art, dance and culinary styles from around the world.  
Grades 3<sup>rd</sup>-8<sup>th</sup>

### **Art 116 - Performing Arts**

Calling all actors, singers, dancers, artists and speakers! Come ready to learn and perform your talents. We will explore all of the wonderful and fun experiences that come with classic theater.  
Grades K-8<sup>th</sup>

### **Art 117 - Textile Crafts**

Students will explore design and the art of fashion to inspire their own designs in fashion and accessories. We will explore different mediums of textiles; fabric, yarn, macramé, wood, metal, plastic, glass, paper, etc. Depending on student skill level and work pace projects will include clothes, bags, jewelry, wall art, interior decorations and more!

Prerequisite: Students would benefit from basic sewing skills. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Art 118 - Kids' Cartooning**

Students enrolled in this class will learn the basics of drawing cartoons and super-heroes. The step-by-step instruction in the class will teach students valuable lessons in how to draw, and give them the tools to create their own characters and cartoon narratives! 2<sup>nd</sup> semester only, Grades 3<sup>rd</sup>-8<sup>th</sup>

### **Art 119 - MultiMEDIA**

MultiMEDIA is an introductory course in creating media in a variety of mediums: podcasts, webpages, vlogs & blogs, cinematography, photography and graphic design. There will be a project each month of the school year- using a different medium to challenge students' creativity and expand their technology skills. Come with an open and creative mind to learn through mixing creativity, technology and communications.

Prerequisite: read, write, and the ability to login to student Gmail account independently.  
Grades 6<sup>th</sup>-12<sup>th</sup>

## **Foreign Language**

### **Foreign Language 101-American Sign Language (ASL)**

This class will accommodate beginners as well as advanced "signers." Students will learn the manual alphabet, numbers 1-100+, fingerspelling, receptive skills, expressive signing skills, conversational skills, and deaf culture. Each year is unique in the lesson approach and meant to build a multi-year language program for your student! There will be basics for beginners, and review and challenges for advanced students!

Prerequisite: English alphabet memorized, ability to count in English 1-100, ability to login to student Gmail account independently. Grades 6<sup>th</sup>-12<sup>th</sup>

## **Music**

### **Music 101 –Music and Movement/Laugh and Learn Series**

Music and Movement is for our littlest learners. Come and join this class to learn scales, rhythm and tempo using a variety of instruments. We will explore bells, buckets, keyboards, chimes and more. Get some wiggles out as we do special games and team building activities that incorporate being healthy to music. Grades K-2<sup>nd</sup>

## **Physical Education**

### **PE 101 - Physical Challenge**

This physical education class will improve flexibility, strength and coordination through exercise, aerobic fitness games and basic sports training. This course will integrate how your body works, health lessons, track, camp games, creative play and team challenges. Grade 6<sup>th</sup>-12<sup>th</sup>

### **PE 102 - Educational Kinesiology**

Kinesiology exercises benefit students with improved hand-eye coordination, balance, concentration & more! We'll explore BAL-A- VIS, cardio drumming, POI spinning & more!  
**Bal-A-Vis-X** is a series of **Balance/Auditory/Vision eXercises**, of varied complexity, all of which are deeply rooted in rhythm.  
Students will move and stretch rhythmically to music and create routines to their favorite songs!! Grades 6<sup>th</sup>-12<sup>th</sup>

### **PE 103 - Movement & Healthy Choices**

Movement and Healthy Choices is a class where students learn about and try different ways to be active and have fun. We will explore how to do a variety of sports, dance and a little bit of everything in-between. Be ready to learn how to make healthier choices in everyday life.  
Grades 3<sup>rd</sup>-8<sup>th</sup>

### **PE 104 – Endurance Building**

Set goals, build endurance and get into shape. This course is not a sports or gym games class. Instead, students will come to exercise and rotate through muscle building activities such as, sit-ups, push-ups, jumping rope, steppers, planking and running. This course will get the body moving! We will start off alternating between walking and running small distances, and slowly build up to long distance running. Most classes will be held on the indoor track and outdoor track. Grades 6<sup>th</sup>- 12<sup>th</sup>



## **Virtual Classes**

### **PBS Learning Media**

PBS Learning Media offers thousands of powerful learning activities to promote design thinking, collaboration and experimentation. Within PBS Learning Media students can choose from art, PE/health or music. Grades: K-12

### **DiscoveryK12**

This online curriculum which offers Visual/Performing Arts, Physical Education, and Healthy Living. While DiscoveryK12 offers more than 10 subjects per grade you may only choose the electives. Grades: K-12

### **Incredible Art**

IAD began as a showcase for elementary art students in Indiana and now includes a diverse range of subjects and topics of interest to art educators, general area teachers, students, parents, artists, and homeschoolers the world over. On this site you can find free art lessons, news, art resources, art careers, and art schools. Grades: K-12

### **Go Noodle**

Students will get active using interactive videos that engage the mind and body. This free site does require you to create a login to access materials. This virtual counts as a PE/health virtual. Grades: K-6<sup>th</sup>

### **Daria Music**

Meet a wonderful children's performer who has traveled the globe to share music that inspires, empowers and is just plain fun! On this website you can find lots of great ways to have fun with music, build your own music instruments, discover silly songs or design a multi-cultural project for your school or community group. Grades K-6<sup>th</sup>

### **SFSKids (San Francisco Symphony)**

The San Francisco Symphony welcomes you to SFSKids.org! We love music and are committed to music education. This website, in conjunction with our live performances, provides a great way for people of all ages to hear, learn, have fun and play games with music. Grades K-6<sup>th</sup>

### **Music Theory**

Explore Music Theory's free online content of music basics. This virtual covers the basics, rhythm and meter, scales and key signatures, intervals, chords, diatonic chords and more.

Grades K-12<sup>th</sup>

### **Peter's Online Typing Course**

By the time you finish this course, you will be able to confidently type all the letters, numbers and all the common symbols, with proper ten-finger touch typing techniques. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Typing.com**

Typing.com is the world's most trusted free typing tutor! It's a perfect way to learn how to confidently type all of the letters, numbers and symbols. This program features fun and engaging exercises, interactive typing games and positive reinforcement. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Khan Academy**

Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. Students may only take computer programming, art, health or music. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Codeacademy**

Codeacademy teaches people how to code. Their framework consists of practices and concepts that serve as a platform to create computer languages. Whether you're writing your first line of code or transforming to your next step, Codeacademy will give you the technical skills you need to skill up and stand out!

Grades 6<sup>th</sup>-12<sup>th</sup>

### **CODE.org**

Code.org is a nonprofit dedicated to expanding access to computer science in schools and increasing participation by women and underrepresented minorities. Our vision is that every student in every school has the opportunity to learn computer science, just like biology, chemistry or algebra. Code.org provides the leading curriculum for K-12 computer science in the largest school districts in the United States and Code.org also organizes the annual [Hour of Code](#) campaign which has engaged 10% of all students in the world. Code.org is supported by generous donors including Amazon, Facebook, Google, the Infosys Foundation, Microsoft, and [many more](#). Grades 6<sup>th</sup>-12<sup>th</sup>

### **Duolingo**

Duolingo is a fun way to learn a new language. Duolingo has lessons that are designed to adapt to your learning style. Interested in learning a new language? There are many to choose from. Grades 6<sup>th</sup>-12<sup>th</sup>

### **Odysseyware Elective Descriptions**

The following virtual classes are for Grades 6<sup>th</sup>-12<sup>th</sup>

### **Art History**

Art History is designed to enable students to develop knowledge of the history and theory of art and the relationship between artist, artwork, and society. Students will research and critique periods, styles, and works of art from early civilizations through modern and contemporary art. Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

### **French I**

French 1, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures. Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

### **French II**

French II is a foreign language course that builds on and reviews skills and concepts taught in French I through further exposure to communication, cultures, connections, comparisons, and communities. Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency. This course gives students practice using the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

### **Health Quest**

Health Quest is a health science elective course which introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.

### **Middle/High School HEALTH**

Middle/High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.

- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly caring for their bodies.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

### **Music Appreciation**

The goal of this course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music. This course also provides students with lessons in engaged listening. These special lessons allow students to and respond to music. A template for how to listen and respond is provided.

### **Music Theory**

Music Theory requires no prior instrumental, vocal, or music theory study. Using the piano keyboard as a visual basis for comprehension, the course materials explore the nature of music, integrating these concepts:

Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas.

### **Personal and Family Living**

This elective takes students on an interactive exploration of the challenges they may face as they transition into adulthood, including constructive conflict resolution, nutrition and health, building healthy families, financial responsibility, and long-term employment.

### **Physical Education**

Physical Education is an elective that focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included. Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

**Physical Fitness**

Physical Fitness is an elective designed to focus on the health benefits of regular physical activity and of a long-term exercise program. As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and realistic goal setting. Along the way, students will be required to maintain and submit an activity log in order to measure progress in course exercises, as well as in personal fitness goals.

**Psychology**

Psychology is an introductory elective. Throughout the course students will examine influences on human actions and beliefs, factors influencing behavior and perception, and basic psychological theories. Students will develop and apply their understanding of psychology through lessons and projects that require interaction and observation of others.

**Spanish I**

Spanish I is an entry level foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

**Spanish II**

Spanish II is a foreign language course that builds upon skills and concepts taught in Spanish I, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking,

listening, reading, and writing Spanish, and in cultural competency.