

WYLIE E. GROVES HIGH SCHOOL

9TH GRADE COURSE PLANNING GUIDE

<https://www.birmingham.k12.mi.us/Groves>



CLASS OF 2024

BE PROUD TO BE A FALCON

WYLIE E. GROVES HIGH SCHOOL

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CLASS OF 2023
GRADUATION REQUIREMENTS

English Language Arts	4.5	
Core English Courses		4.0
Public Speaking		0.5
Social Studies	3.5	
World History		1.0
U.S. History		1.0
American Government		0.5
Economics		0.5
Elective		0.5
Science (Class of 2022 and after)	3.0	
Biology		1.0
Chemistry		0.5
Physics		0.5
Earth Science		0.5
Science Elective		0.5
Mathematics	4.0	
Pre-Algebra, Integrated Math 1		1.0
Integrated Math 2		1.0
Integrated Math 3		1.0
Math in Senior Year		1.0
World Language	2.0	2.0
Computer Technology	0.5	0.5
Visual/Performing/Applied Arts/ Personal and Career	1.5	
Fine Arts		0.5
Personal & Career Development		0.5
Elective Choice		0.5
Health	0.5	0.5
Physical Education	1.0	
Personal Fitness		0.5
P.E. Elective		0.5
Electives	7.5	7.5
Credits Required to Graduate	28	28

Each trimester course successfully completed = .5 credit
15 trimester courses successfully completed in 1 year = 7.5 credits

Good Course Selection NOW is CRITICAL for Success in 9th Grade

Parent(s)/Guardian(s), please read:

- Make course selection decisions *thoughtfully* and *carefully*.
- Your student will submit course selections in January, 2020.
- Once courses are selected, changes cannot be made until April.

NINTH GRADE ACADEMIC PLACEMENT

Language Arts, Science, Math and World Language offer different placement levels. The goal is to challenge your student at a level appropriate for their skills. Three primary criteria are used to determine the best competitive level for your student.

1. Past and current academic progress
2. Standardized test scores
3. Grade 8 teacher recommendation

Other factors that need to be considered to determine the best High School program are:

1. Student emotional maturity, motivation and study habits
2. Implication for future course opportunities
3. Post high school career and educational plans
4. Extracurricular and home responsibilities
5. Intensity of the total five course schedule

Starting in ninth grade, assigned counselors will assist you and students with planning the next year's schedule. Academic progress and additional standardized testing will be reviewed to determine appropriate placements for the next school year.

Course adjustments in August are extremely limited due to class size and frequency of course offerings, so PLEASE SELECT COURSES CAREFULLY.

INCOMING FRESHMAN TIMELINE

November 25, 2019 11:45 – 2:30 pm	For Students - Students will visit and tour Groves H.S. in small groups, become familiar with elective course opportunities and learn about life at Groves from Groves students. (8 th graders who will be new to BPS should contact Sara Molloy...SMolloy@birmingham.k12.mi.us or 248-203-3509 to confirm attendance.)
January 10, 2020	For Students – Groves counselors will visit Berkshire Middle School and provide information about curriculum, graduation requirements, course placement and course selection.
January 15, 2020	For Students – Groves counselors will visit BCS and provide information about curriculum, graduation requirements, course placement and course selection.
January 16, 2020 Thursday 7:00–9:00 pm	For Parents/Guardians only – This meeting will provide an overview of the curriculum and an opportunity to meet Groves administrators and curriculum department heads. This meeting will begin in the Groves Auditorium .
April 15 – August 2020	Athletic physicals must be dated after April 15, 2020. They are turned in during athletic tryouts.
April – June, 2020	In April, student course selections are computer tallied. This data determines the frequency a course is offered. Some courses may be cancelled or offered alternate years due to low enrollment. Courses offered only once or twice will often conflict with other selections. Despite efforts to minimize conflicts, they are impossible to eliminate due to the large variety of courses offered. If there is a conflict in your schedule, you will be notified by the high school. Your alternate courses listed on the Course Selection Sheet make resolution of the conflict easier.
April–August, 2020	Ongoing enrollment and course selections for new BPS students.
August, 2020	Fall sports begin mid August, 2020. Band camp is in August, 2020.
August 19, 2020 8:30 am – 2:00 pm	Freshman Transition Program - This is a full day program that assists incoming freshmen with their adjustment to high school. Students will be divided into small groups where they will participate in group discussions, learn to navigate the halls by completing a scavenger hunt, negotiate the lunchroom, and understand the importance of a strong academic start.
August 19, 2020 7:00 – 8:00 pm	Freshman Activity Fair – Parents/guardians and students will have the opportunity to discover and connect with the variety of clubs, activities and sports available. Students, sponsors and coaches will be present to answer questions. A presentation for parents will provide an introduction to the social aspects of ninth grade and tips on how to provide a supportive but firm environment for academic success.
August 20, 2020	Freshman Registration - Students are required to attend this to return registration material, have their school picture taken, receive their school ID and pick up text books.
August 21, 2020 7:30 – 2:00 pm	Freshman Canoe Trip

WELCOME TO GROVES HIGH SCHOOL!!

WE ARE ALL FALCONS NOW!!!

SAMPLE TRIMESTER STUDENT SCHEDULE

(2 trimesters is equivalent class time to a full year in a 2 semester structure)

PERIODS	Fall Sept. – Nov. TERM 1	Winter Dec. – March TERM 2	Spring March – June TERM 3
1	*Elective	World History A	World History B
2	English 9A	Computer Tech	Science B
3	Personal Fitness	English 9B	*Elective
4	Integrated Math 1A	Spanish A	Spanish B
5	Science A	Integrated Math 1B	Integrated Math 1C

- 5 classes daily each term
- 72 minute class periods Monday, Wednesday, Friday
- 50 minute X-Block on Tuesday and Thursday 7:30 – 8:20 am
- school day time 7:30 – 2:50 including a 45 minute lunch period
- typical academic courses are two terms
- .5 credit granted for each class for a total of 7.5 credits per year

NOTE: Period and term will be assigned by computer for each course. Parents and students cannot pre-select the term or period of a class.

Select electives from the following departments: Art, Business, English, Engineering Technology, Life Management, Music, Physical Education, Science.

ART DEPARTMENT COURSE SEQUENCE

GRADE 9	GRADE 10	GRADES 11 and 12
Art Foundations	Art Foundations	Ceramics
Ceramics	Ceramics	Advanced Ceramics
Drawing	Advanced Ceramics	Drawing
Digital Art & Design	Drawing	Digital Art & Design
Metals & Jewelry	Digital Art & Design	Metals
Painting	Metals	Advanced Jewelry
Photography	Advanced Jewelry	Painting
	Painting	Photography
	Photography	Advanced Photography
	Advanced Photography	Art Portfolio Preparation (Seniors only)
		AP Studio Art A/B (Seaholm Course)

60012 Art Foundations - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

Art Foundations is a one trimester course designed to familiarize students with art fundamentals and various processes through the exposure to various subjects and mediums of art. Students learn how one can create visual works that express ideas and meaning. Students will grow in their understanding of art history, composition, color theory, perspective, and other skills needed for successful visual communication. Students are evaluated on skills, craftsmanship, concepts, composition and work habits. This class is appropriate for those individuals interested in exploring beginning levels, or building a foundation for further art studies.

60032 Ceramics - .5 Credit

Grades: 9, 10, 11, 12

All levels of skill (beginning, intermediate and advanced) are taught in Ceramics.

Students learn the basic characteristics of clay and how to form objects by using hand techniques such as pinch, coil and slab. Wheel throwing skills may also be explored. Students learn how clay surfaces are finished, including the use of glazes, paint and other colorants and various firing methods. The course may be repeated for credit. Entry into regional and national competitions is encouraged.

60052 Drawing - .5 Credit

Grades: 9, 10, 11, 12

Students will experience a variety of drawing tools (pencils, pen and ink, chalk, charcoal, pastel) and media as they learn basic fundamentals of observational drawing, including: perspective, shading, proportion, grid enlargement and good composition.

60152 Digital Art and Design - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

Digital Art is an ever changing and evolving platform for creative expression. This class will give students an introduction to the Adobe digital art platform, specifically with the main pillars of digital art and design, Photoshop and Illustrator. In Photoshop students will learn to layer and manipulate images, apply colors, brushstrokes, and text. In Illustrator, students will learn how to create vector images and logos while creating digital art, specifically in terms of how those skills are used in graphic design.

It is suggested that each student have a 4GB or large USB Flash Drive and a sketchbook. This course may be repeated for credit.

60102 Metals/Jewelry - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Jewelry

Students will be introduced to and learn how to create and fabricate metal jewelry and small sculptures in this course. Some of the processes include: sawing, riveting, wire-work, soldering, piercing, hammer forming, etching, and copper enameling.

60122 Painting - .5 Credit

Grades 9, 10, 11, 12

All levels of skill are taught in Painting.

Students will learn how to paint in various media including tempera, watercolor, acrylic, and beyond. The course will teach basic techniques, such as shading, blending, layering, enlarging, while working on a range of different supports. In this course students will study different art styles and movements throughout the ages, including contemporary artists and modern techniques.

60132 Photography - .5 Credit

Grades: 9, 10, 11, 12

All levels of skill are taught in Photography.

Photography offers students the knowledge of camera types, exposure, composition, and exhibition techniques. Students learn how to take pictures, develop the film and make enlargements. Students also explore a variety of styles and techniques used by noted photographers. This course is laboratory-centered with much of the work being carried out by actually doing photographic assignments. A 35 mm SLR Film camera is a basic requirement for each student. Entry into regional and national competitions is encouraged. The course may be repeated for credit.

BUSINESS TECHNOLOGY DEPARTMENT

COURSE SEQUENCE

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Information Technology	Computer Technology	Computer Technology	Computer Technology	Computer Technology
	Computer Concepts	Computer Concepts	Computer Concepts	Computer Concepts
		Game Design	Game Design	Game Design
		Web Design A/B	Web Design A/B	Web Design A/B
		Programming A/B	Programming A/B	Programming A/B
		AP Computer Science Principles 1 & 2	AP Computer Science Principles 1 & 2	AP Computer Science Principles 1 & 2
			AP Computer Science A & B	AP Computer Science A & B
Marketing & Management	Advertising	Advertising	Advertising	Advertising
	Fashion Merchandising	Marketing & Sales	Marketing & Sales	Marketing & Sales
	Marketing & Sales	Retail Marketing (School Store)	Retail Marketing (School Store)	Retail Marketing (School Store)
	Retail Marketing (School Store)	Retail Management (School Store)	Retail Management (School Store)	Retail Management (School Store)
		Entrepreneurship	Entrepreneurship	Entrepreneurship
		Fashion Merchandising A/B	Fashion Merchandising A/B	Fashion Merchandising A/B
		Social Media & Marketing	Social Media & Marketing	Social Media & Marketing
		Sports & Entertainment Marketing	Sports & Entertainment Marketing	Sports & Entertainment Marketing
Business Management	Business Foundations	Business Foundations	Investments	Investments
		Investments	Business Law	Business Law
		Accounting A/B	Accounting A/B	Accounting A/B
		Personal Finance	Personal Finance	Personal Finance
		Business Law	CTE Internships	CTE Internships
Career & College Exploration			Career Focus	Career Focus

INFORMATION TECHNOLOGY

70032 Computer Concepts - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: For students with little or no experience in word processing, database management, spreadsheets, Internet or electronic presentations. (Fulfills graduation requirement)

Students enrolled in this course will develop basic computer skills in keyboarding, word processing, database management, spreadsheet, Internet, and electronic presentations. The topics in this course will be presented at a pace appropriate for students who have had little or no previous experience with computers. Small class size will allow for more one-on-one teacher assistance toward achieving mastery of the computer concepts presented and meeting the graduation requirement for computer usage.

70052 Computer Technology - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: For students with previous computer experience and knowledge of basic computer skills. (Fulfills graduation requirement)

Students enrolled in this course will develop proficiency in the use of the Microsoft Office suite while meeting BPS's graduation requirement. The topics in this course are presented at a level appropriate for students who have had previous experience with computers. Proficiency in word processing, database management, spreadsheet, and development of electronic presentations are among the skills that are taught; internet skills are also emphasized.

MARKETING & MANAGEMENT

72202 Advertising - .5 Credit

Grades 9, 10, 11, 12

Prerequisites: None

Learn about the exciting industry of advertising and promotion. Students will develop new products, design logos, packaging and brand names as part of the product planning and branding process.

Design contests, coupons, and sales incentives while learning the marketing techniques of sales promotions. Study the behind-the-scenes process of television, radio, print, and Internet advertising while designing creative and fun promotions for real and class-developed products. Students will look at the movie and television industry as a source of promotion through the use of product placement.

Enhance communication, teamwork, and presentation skills as students work in teams to develop their own advertising campaign for a chosen product. Students will participate in creative projects, group activities, and learn about marketing careers.

72022 Fashion Merchandising A - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None (May not be repeated for credit)

Throughout this course, students will explore all facets of the fashion business, including issues such as fashion leaders vs. fashion followers, the history behind fashion, how we predict the movement of fashion, and even the psychological factors that motivate the behavior of the buyer. In addition to classroom study, real-world experiences will be used to reinforce the concepts of the course. The students will gain from this course increased employability and human relations skills, making them not only more marketable, but also more successful on the job. Students interested in pursuing business at the college level will benefit from the marketing concepts and communication skills developed in this course. Those pursuing Fashion Merchandising majors in college will gain a solid foundation that will benefit them in their college studies.

76022 Marketing & Sales - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

Gain skills essential for any career. Students will learn how and why marketers reach different consumers through age, gender, location, income, hobbies, and many other segmentation techniques. Students will conduct marketing research to find out habits and patterns of customers using different real-life methods such as observation, experiment, and survey. Fun activities, projects, field trips, and guest speakers will teach students the concepts of marketing.

Students will explore the process of selling products, ideas, and services. Learn to communicate and read body language in sales situations, overcome objections in a sale, and close the sale. These skills translate to many areas of a student's life from a job interview to a career in marketing or business. Students will participate in role-play situations to learn and practice techniques

76002 Retail Marketing - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

Retail Marketing (*School Store*) is a course designed for students who are interested in learning the fundamentals of retail marketing and obtaining practical hands-on experience in a retail setting. The Groves school store, *The Falcon's Nest*, is student operated, and gives the students an opportunity to learn and work in each position in the store during the term. The Falcon's Nest provides students with weekly lab experience of learning and practicing store operations, cash control techniques, customer service, selling, promotion, personnel relations and inventory management. The focus of this course is student-centered learning activities, allowing students to demonstrate their knowledge of marketing concepts and effectively operating a retail business.

76012 Retail Management - .5 Credit

Grades: 9, 10, 11, 12

*Prerequisites: Retail Marketing**(May be repeated for credit and may be taken as a 4th year Math related course)*

Retail Management (*School Store*) is designed to have the student experience retailing, marketing and management techniques in a retail lab setting, The Falcon's Nest school store. Students will practice selling, promotion, customer service, merchandising and displays, store operations, and store management. In addition, they will explore concepts in pricing, purchasing, distribution, and be responsible for school store accounting. Students will develop new skills in store management, teamwork, initiative, time management, and leadership. This course also provides students with the opportunity for membership and competition in Michigan DECA. Various DECA activities are integrated into the Retail Management course activities as they are aligned with both state and national curriculum standards for Marketing. DECA supports students in becoming academically prepared, community oriented and professionally responsible. Additionally, DECA provides excellent leadership opportunities in high school and is offered at the college level as well.

Students repeating this course for credit will be eligible for management positions (with teacher approval).

BUSINESS MANAGEMENT**72052 Business Foundations - .5 Credit**

Grades: 9, 10, 11

Prerequisites: None

In Business Foundations, students will be introduced to essential concepts, including marketing, management, accounting, business law, economics, and communications. Each of 12 foundational business topics is delivered with a hands-on approach and designed to teach the basic concepts of the unit. The units will be approximately 1 week in length and designed for appropriateness of 9th and 10th grade students interested in learning the basic principles of business as they prepare for college and their future course choices. Topics will be broad in nature to exhibit applicability for students in all career paths

ENGINEERING TECHNOLOGY AND DESIGN (S.T.E.A.M.) DEPARTMENT COURSE SEQUENCE

The Engineering Technology Department is dedicated to provide students with a genuine hands-on curriculum that reflects STEAM (Science, Technology, Engineering, Art, and Math) education as it pertains to the fast paced technological advances in our society. These courses are designed for independent and group work opportunities that encourage critical problem solving skills, leadership, and design. An emphasis will be placed on reflections, exploration, demonstration, and evaluation as they progress through the Engineering Technology courses. Students enrolled in these courses will be given opportunities such as, but not limited to: competition involvements, scholarships, portfolios, work-based learning, and field trips.

Level	Grade 9	Grade 10	Grade 11	Grade 12
Design Technology	Engineering Foundations Engineering Design & CAD A/B Architectural Design A/B	Engineering Foundations Engineering Design & CAD A/B Architectural Design A/B Advanced Architectural Design A/B	Engineering Foundations Engineering Design & CAD A/B Architectural Design A/B Advanced Architectural Design A/B 3D Modeling BL A/B	Engineering Foundations Engineering Design & CAD A/B Architectural Design A/B Advanced Architectural Design A/B 3D Modeling BL A/B
Engineering Technology	Intro to Energy Tech A/B	Intro to Energy Tech A/B Engineering Systems A/B	Intro to Energy Tech A/B Engineering Systems A/B Robotics/Automation A/B Adv Robotics/Automation A/B	Intro to Energy Tech A/B Engineering Systems A/B Robotics/Automation A/B Adv Robotics/Automation A/B Engineering PCL

*** Every Engineering Technology course qualifies as a 4th year math related course.*

81000 Engineering Foundations - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

This innovative course integrates design, imagination, and creativity, which are all key elements of critical thinking and problem solving. Students will learn about the engineering design process while working in small groups and individually on various hands-on activities. In this project based class, students will explore various STEM opportunities, develop basic design skills, and learn about energy, civil engineering, and robotics. This class is project oriented and will give each student an excellent background for future engineering/design classes.

80132 Engineering Design & CAD A - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

80142 Engineering Design & CAD B - .5 Credit

Prerequisites: Engineering Design & CAD A or Architectural Design

This course introduces the basic idea of mechanical drawing & engineering to students through the use of CAD software, 3D printers and laser engravers. Students will apply basic mathematical skills and sketching exercises to solve various design challenges through the principles of drawing, engineering, and hands-on collaborative projects. Topics include orthographic projections, dimensioning, sections, and auxiliaries. College credit available, see teacher for details.

80182BL Engineering Design & 3D CAD Modelling A - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Engineering Design & CAD A/B or Architectural Design

(This course may be repeated for credit)

80192BL Engineering Design & 3D CAD Modelling B - .5 Credit

Prerequisites: Engineering Design & CAD A or Architectural Design

This course is for students interested in expanding their engineering drawing experiences. Drawings and activities focus on in-class application of 3D CAD programs and design apps to create advanced engineering drawings, assemblies, and 3D printed products. Topics include threads and fasteners, descriptive geometry, exploded views, and assembly drawing. 3D Modeling will also focus on the Engineering Design Process and problem solving skills to create hands on collaborative projects. College credit available, see teacher for details.

80172 Architectural Design A - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

80182 Architectural Design B - .5 Credit

Prerequisites: Architectural Design A

This course begins with the study of residential design and provides instruction in utilizing various CAD software and hand drawing techniques as it relates to the architectural industry. Each student will have the opportunity to combine their creativity with the practicality of floor plans, elevations, plot plan specifications, and interior design, to create a single family home complete with a virtual tour.

80212 Introduction to Energy Technology A - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

80222 Introduction to Energy Technology B - .5 Credit

Prerequisites: None

This course is intended to take the mystery out of the technology that we have grown to depend on in our everyday lives. Students work in a living lab setting where renewable energy systems provide lighting, heating & cooling, and electricity for experiments. Activities include the building and testing of simple machines, wind and solar systems, electric vehicles, and fuel cells. The class introduces the basic aspects of energy and transportation systems using problem solving skills, laboratory environments, and student driven activities.

ENGLISH LANGUAGE ARTS DEPARTMENT

COURSE SEQUENCE

GRADE 9	GRADE 10	GRADE 11	GRADE 12
CORE CURRICULUM			
Honors English 9 A/B	Honors English 10 A/B	AP Language A/B	AP Literature A/B
English 9 A/B	English 10 A/B	English 11 A/B	English 12 Senior Seminar A Students choose one themed Senior elective: <ul style="list-style-type: none"> • Future Studies • Humanities • Social Justice • Holocaust Literature
Excel 9 A/B (honors option) Humanities – Fulfills English and Social Studies credits	Excel 10 A/B (honors option) American Literature – Fulfills English and Social Studies credits	Excel 11 A/B (honors option) Global year – Fulfills English and Social Studies credits	English 12 Senior Seminar B Excel 12 A/B
Academic Lab Support offered	Academic Lab Support offered	Academic Lab Support offered	
These electives may be chosen at any time as additions to the Core Curriculum: Debate**/Advanced Debate Forensic**/Advanced Forensic *Journalism (Newspaper or Yearbook) Creative Writing Readings in Literature Speech** Honors Creative Writing Video Production Radio Speech ** (Seaholm Course) <i>*These courses fulfill the 12A/12B graduation requirement if the student takes it for two trimesters with a leadership role.</i> <i>**These courses fulfill the graduation requirement for speech.</i>			
Theatre 1 Theatre 2 Theatre 3 (Advanced Acting) Theatre 4 (Directing)	Theatre 5 A/B Advanced Theatre Research** Musical Theatre		

10202 English 9A - .5 Credit
10212 English 9B - .5 Credit

Grade: 9

English 9A and 9B, a ninth-grade college preparatory courses, provide students opportunities for study of literary forms, development of a reading habit, and improvement of language and composition skills. The course pursues a thematic focus appropriate for the transitional year to high school and uses a variety of literary texts as vehicles for discussion. A diverse study of novels, drama, films, essays, and poetry provide the basis for discussion and critical thinking. This course offers the foundation for reading and writing expectations at the high-school level. Emphasis is placed on viewing the self as a practicing writer through writing process and research techniques.

10302 Honors English 9A - .5 Credit
10312 Honors English 9B - .5 Credit

Grade: 9

Prerequisites: 8th grade teacher recommendation

English 9A and 9B, provides students opportunities for study of literary forms, development of a reading habit, and improvement of language and composition skills. The course pursues a thematic focus appropriate for the transitional year to high school and uses a variety of literary texts as vehicles for discussion. A diverse study of novels, drama, films, essays, and poetry provide the basis for discussion and critical thinking. This course offers the foundation for reading and writing expectations at the high-school level. Emphasis is placed on viewing the self as a practicing writer through writing process and research techniques. In addition, the ninth-grade courses are the first of the three-year sequence of courses in the vertical team approach to Advanced Placement English.

**86290 Excel 9 A:
World History A- .5 Credit English 9A - .5credit
86292 Excel 9B
World History B - .5 Credit English 9B - .5 credit**

Grade: 9

This Excel ninth grade college prep course encompasses the study of the social, political, economic and religious elements of world history, as well as the arts and literature of the era. By using a thematic focus appropriate for the transitional year to high school that integrates social studies and English, Excel fosters creativity, adaptability, critical reasoning, and collaboration. The interdisciplinary approach will allow students to develop a greater perspective of the inter-connected nature of our world.

To meet 9th grade English standards, Excel 9th grade provide students with the opportunities for study of literary forms, development of a reading habit, and improvement of language and composition skills in the context of exploring world history. A variety of literature and informational texts are used as vehicles for discussion. Students will write in multiple writing genres including: narrative, argumentative, research, impromptu, and journal writing. Emphasis is placed on reading, writing, research, and discussion skills.

To meet 9th grade Social Studies standards, Excel begins with an exploration of early civilizations and the origins of the world's great belief systems, and continues through the twentieth century, examining how communities cope with stress and change, and how power struggles impact societies. Students develop their ability to read and critique texts, using primary source documents, as well as drawing from a wealth of contemporary materials. Students will be challenged to think critically, and to be able to communicate their learning through a variety of assessment tasks.

**86295 Honors Excel 9 A:
Honors World History A – .5 Credit English 9A – .5 Credit
86299 Honors Excel 9 B:
Honors World History B – .5 Credit English 9B – .5 Credit**

Grade: 9

Course description is the same as the Excel description listed above. An honors student will complete additional homework, in-class work, project expectations, writing requirement, and test questions that ask the student to demonstrate cognitive understand and skill development at a deeper level than academic students. Additional, standards and expectations on essays and assignments exceed those of academic level. Furthermore, an honors student will read an additional novel or non-fiction book each trimester and compose an essay that connects this reading to Excel topics and themes. Students may select honors for either or both trimesters. Students must earn a B- final grade to continue honors for the subsequent trimester

SPECIAL AREA COURSES

12022 Debate - .5 Credit

Grade: 9, 10, 11, 12
Fulfills the credit requirement in speech

Students enrolled in debate undertake an in-depth analysis of various current controversial topics, which are chosen by the students. While students will work with one or more partners in the preparation of evidence and organization of speeches, students will be assessed individually. Students taking the course should demonstrate an above-average reading ability and proficiency in the written and verbal expression of ideas. Because success in debate depends on extensive preparation of ideas and support, the course is recommended for students that are willing to work hard in putting together and organizing opening and rebuttal arguments. Students will learn to excel at prepared and impromptu speaking, as well as strategically asking and answering questions.

12032 Forensic - .5 Credit

Grades: 9, 10, 11, 12
Fulfills the credit requirement in speech

This course begins with a clear analysis of public speaking and builds towards expertise in the performance of literature. It is designed to assist students with performance and presentation in connection with MIFA interpretation and public address categories. The specific interpretation events include: duo, storytelling, multiple, and prose. Students also work on building expertise in public speaking with in-depth research and preparation for a sales and informative presentation.

14022NW Journalism - Newspaper - .5 Credit

Grades 9, 10, 11, 12

Prerequisites: None

In this course, students join a cooperative team in a student-centered, interactive atmosphere, focusing on the working application of journalistic principles, standards, and ethics through the production of the nationally recognized and award winning school newspaper, *Scriptor*. Students learn “hands-on” in a workplace setting, gaining knowledge and experience in many writing styles. Leadership, through editor positions, desktop publishing, design principles, photography, drawing/cartoons, advertising and marketing, business management, and circulation methods are skills taught and applied. Students will also participate in 21st Century Website Design and on-the-spot coverage of school events. **This course may be repeated for elective credit. Students may elect this class up to 3 times a year. Students holding editor positions are required to enroll in two terms and Editors-in-Chief are strongly encouraged to enroll for all three terms**

14042YR Journalism – Yearbook - .5 Credit

Grades 9, 10, 11, 12

Prerequisites: None

The yearbook is entirely developed and planned by students who are responsible for making all of the creative and production decisions, including photography, writing copy, editing, layout, and design. As a memory book, history book, record book, and reference book in one, the yearbook marks a major time in most people’s lives. *The Talon* is a remembrance of each year of our school’s history. This course is offered every trimester and may be taken more than once. As seniors, students may take the course for English credit if they serve in the capacity of an editor and enroll for two trimesters. With permissions, students may take this as a blended class. Students enrolled in third trimester journalism will create a yearbook supplement and/or a literary magazine

11412 Readings in Literature - .5 Credit

Grade: 9, 10, 11, 12

This course provides students with the opportunity to design and implement a personal reading plan. After conferring with the course instructor, students will define and “contract” for a personal reading plan. In addition to sustained reading over the course of the term, students will engage in book talks with the class and their teacher. Literary circles where several students read and discuss the same work are also an option. A personal reading log/journal will record student reflections about the works studied.

12002 Speech - .5 Credit

Grades: 9, 10, 11, 12

Fulfills the credit requirement in speech

This course provides a fundamental approach to public speaking through the development of oral communication and individual speech techniques. Students study the basics of communication and public speaking where they develop self-confidence in oral presentations. Students also learn the characteristics of effective writing for speeches and improve their listening strategies. Students research and present speeches on the following topics: informative, persuasive, demonstration, special occasion and oral interpretation. (This course fulfills the graduation requirement of speech.)

13012 Theatre 1 - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

In Theatre 1 students will achieve a basic understanding of the foundations of theatre. Students will study the fundamentals of Greek Theatre, blocking, pantomime, publicity, and monologues. Students will be required to view one theatrical production during this term (Groves High School productions preferred).

13022 Theatre 2 - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Theatre 1 or permission of instructor

Offered Term 2 and 3 In Theatre 2 students will study more advanced methods of acting and how to expand one’s knowledge of performing techniques. Students will study acting in duo scenes, improvisation and Shakespeare. Students must view one theatrical performances this term.

12082 Video Production - .5 Credit

Grades: 9, 10, 11, 12

This course may be repeated for credit

This course gives students the opportunity to explore the power, presence, and influence of the media in today’s society, while equipping them with the knowledge, tools, and basic skills required to create video projects of their own. While being provided a hands-on experience with professional video, audio, and editing equipment, students will be taught the basic skills required to write, film, and edit a variety of different video projects including: commercials, PSA’s, short films, vlogs, music videos, documentaries, news reports, videos for YouTube and more.

12042 Radio Speech - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None – This class is taught at Seaholm

Fulfills the credit requirement in speech

Radio Speech is a workshop course for the student who wants to develop basic communication skills and is interested in learning these skills in a broadcast setting. Training and exercise are provided for basic voice and microphone technique, radio drama, studio procedure, announcing, and basic console operations. Students will be expected to deliver speeches to the class, as well as work in a group setting. This course fulfills the .5 speech requirement.

ENGLISH AS A SECOND LANGUAGE (ESL) FOR ELLS (ENGLISH LANGUAGE LEARNER/BILINGUAL STUDENTS)

ESL classes are designed to assist non-native speakers of English (also known as English Language Learners or ELLs) to become proficient in the English language in the areas of reading, writing, speaking, and listening as quickly as possible. Emphasis is on structured, sequential, and increasingly difficult levels of English language learning. A normal progression of ESL language learning is for a student to advance one level per year. *ESL 1, 2 and 3 courses count toward credit in English.*

15002 ESL 1A (Beginner/Newcomer) - 1.0 Credit

Grades: 9, 10, 11, 12

15012 ESL 1B (Beginner/Newcomer) – 1.0Credit

15013 ESL 1C (Beginner/Newcomer) – 1.0 Credit

*Prerequisites: English not the dominant language at home, foreign born, or new learner of English.
Placement testing is required.*

This **two-hour block** class is for students who are at an Entering or Emerging level in their English language development as well as students who are new to Birmingham Public Schools. The goal of this course is to teach foundational language skills to enable students to use English to communicate in social and academic settings. The first hour focuses on basic grammar skills, (including parts of speech), writing at the sentence and paragraph level, reading and comprehending simple text in English (both literary as well as expository), the use of high frequency vocabulary, and listening and speaking skills and orientation to American high school culture and procedures. During the second hour, students are introduced to academic language and literacy skills necessary for math, science and social studies; continued development of vocabulary, listening, speaking and reading skills are emphasized. Students use various multimedia as additional resources. *This course is sequential and it is expected that the students take all 3 trimesters.*

15022 ESL 2A (Intermediate) - .5 Credit

Grades: 9, 10, 11, 12

15032 ESL 2B (Intermediate) - .5 Credit

15033 ESL 2C (Intermediate) - .5 Credit

*Prerequisites: English not the dominant language at home, foreign born, or new learner of English
Demonstrated English language proficiency as outlined in ESL 1 course description objectives.
Placement testing is required*

This one-hour block class is for students who are at an Emerging to Developing level in their English language development. The goal of this class is to help students develop increased fluency in their reading and to read increasingly difficult texts in English for multiple purposes. This class focuses on the application of various reading strategies in a variety of genres, the continued learning of high-frequency and academic vocabulary, note-taking in academic settings and further development of listening and speaking skills. Students develop increased skill in the use of more complex grammatical conventions. Writing skills are developed at the essay level using various organizational patterns in addition to composing narrative and poetic pieces. Students increase their proficiency in the use of multimedia as tools for language development. *This course is sequential, and it is expected that students take all 3 trimesters.*

**15042 ESL 3A – An In-depth Study of American Culture and Expressions and
Part 1 of Speech/Composition - .5 Credit**

Grades: 9, 10, 11, 12

*Prerequisite: Demonstrated English language proficiency as outlined in ESL 2 course description.
Placement testing is required*

The goal of this two-term course is designed for students who are at an Expanding to Bridging level in their English language development. It is designed to educate non-native speakers of English (ELLs) about American culture through various projects, activities and readings. The course focuses on subjects such as American values and assumptions; communicative styles; customs; politics; family life; and education. In addition, American colloquial, slang and idiomatic expressions are presented through dialogues and various media presentations. The American style of writing is thoroughly explored in this one-term course, including all aspects of the writing process and advanced grammar conventions to develop well-organized essays utilizing various organizational patterns. Students begin part 1 (of 3 parts) of learning oral communication principles and methods of organizing and delivering various speech types. *Students who successfully complete all three sections of ESL 3 will fulfill their requirement for speech and composition.*

15052 ESL - An In-depth Study of American Culture and Expressions and Part 2 of Speech/Composition - .5 credit

Grades: 9, 10, 11, 12

Prerequisite: Demonstrated English language proficiency as outlined in ESL 2 course description objectives. Placement testing is required.

The goal of this two-term course is designed for students who are at an Expanding to Bridging level in their English language development. It is designed to educate non-native speakers of English (ELLs) about American culture through various projects, activities and readings. The course focuses on subjects such as religion; social relationships; racial and ethnic diversity; sports, recreation and leisure; driving; media, advertising and shopping; business; and helpful ideas and activities for learning more about American culture. In addition, American colloquial, slang and idiomatic expressions are presented through dialogues and various media presentations. The American style of writing is thoroughly explored in this one-term course, including all aspects of the writing process and advanced grammar conventions to develop well-organized essays utilizing various organizational patterns. Students continue with part 2 of learning oral communication principles and methods of organizing and delivering various speech types. ***Students who successfully complete all three sections of ESL 3 will fulfill their requirement for speech and composition.***

15053 ESL 3C - U. S. Academic Composition & Part 3 of Speech - .5 credit

Grades: 9, 10, 11, 12

Prerequisite: Demonstrated English language proficiency as outlined in ESL 2 course description objectives. Placement testing is required.

The goal of this one-term course is designed for students who are at an Expanding to Bridging level in their English language development. The American style of writing is thoroughly explored in this one-term course, including all aspects of the writing process and advanced grammar conventions to develop well-organized essays utilizing various organizational patterns as well as conducting research and composing two research papers. Multimedia resources are used through class assignments. Students continue to practice oral communication principles and methods of organizing and delivering various speech types. ***Students who successfully complete all three sections of ESL 3 will fulfill their requirement for speech and composition.***

INTERDISCIPLINARY COURSES

INTERDISCIPLINARY

Grade 9	Grade 10	Grade 11	Grade 12
Excel 9 A/B Honors Excel 9 A/B Student Government (GSC)	Excel 10 A/B Honors Excel 10 A/B Student Government (GSC) Experiential Ed Teaching Natural Resources	Excel 11 A/B/C Honors Excel 11 A/B/C Student Government (GSC) Experiential Ed Teaching OTC-SE Natural Resources Advanced Natural Resources Peer Mediation	Excel 12 A/B– (Available 2020 school year) Honors Excel 12 A/B Student Government (GSC) Experiential Ed Teaching Natural Resources OTC-SE Advanced Natural Resources Peer Mediation

EXCEL - A PROGRAM IN SOCIAL STUDIES, ENGLISH AND ECONOMICS FOR FRESHMEN, SOPHOMORES AND JUNIORS

Excel is an interdisciplinary program that combines English and Social Studies classes for 9th, 10th and 11th grade students in a team-taught cross-curricular approach to teaching and learning. Students will have the opportunity to take a 4th year of Excel beginning in the 2020 school year. Completing all 4 years of Excel will fulfill all of the Social Studies and ELA requirements. The classes are usually taught by two or more teachers who are Highly Qualified in Social Studies and/or English and who work cooperatively to provide a multifaceted, integrated learning environment.

Students meet in a block period, sometimes with all the teachers in large group for lectures, activities, and simulations and at other times with one teacher in small group seminars for discussion, writing instruction, presentations, and projects. Students rotate seminar teachers after each report card. Besides large group and smaller seminars, students also choose two elective courses of a special area of study, which meet periodically throughout the year.

Students who gain the most from the Excel program are individuals who learn better by studying Social Studies and English in combination and in context. Students should enjoy learning through reading, writing, group work, activities, simulations, and projects. Non-traditional instruction is a strong component of the Excel program. Students should welcome learning from a number of guest speakers from around the community as well field trips to museums, art galleries, theatres, refugee houses, and environmental centers as a way to enhance their understanding.

Excel teachers meet on a regular basis to coordinate the curriculums of each department as well as integrate the State benchmarks and assessments into their lessons. Students learn not only the required content of World History (9th grade), US History (10th grade) and Global Issues (11th grade), but also examine the relevant fiction and non-fiction literature of the time period or country.

Excel: Credits*

- I. Participating Disciplines: Social Studies and English.
- II. Credits: 8.0 credits acquired over three years
 - Four credits in English, including English 9, English 10, English 11, English 12 are graduation requirements.
 - Four credits in Social Studies, including World History, U.S. History, Economics, Government and the Global Studies graduation requirements.
 - An honors credit option is available. Students may elect a general program or an honors program of study for English and Social Studies credit.

**86290 Excel 9 A:
World History A – .5 Credit English 9A – .5 Credit**
**86292 Excel 9 B:
World History B – .5 Credit English 9B – .5 Credit**

Grade: 9

This 9th grade Excel course in world humanities focuses on the social, political, economic and religious elements of world history, as well as the arts and literature of each region and era. Excel 9 integrates social studies and English, while fostering creativity, adaptability, critical reasoning, and collaboration. The interdisciplinary approach will allow students to develop a broader perspective of the inter-connected nature of our world. This course is available for honors credit.

To meet 9th grade English standards, Excel 9 will provide students with the opportunities for study of literary forms, development of a reading habit, and improvement of language and composition skills in the context of exploring world history. A variety of literature and informational texts are used to build reading, discussion, analysis, and writing skills. Students will write in multiple writing genres including: narrative, argumentative, research, impromptu, and journal writing.

To meet 9th grade Social Studies standards, Excel 9 will explore early civilizations and the origins of the world's great belief systems, all the way through the twentieth century, examining how communities coped with stress and change, and how power struggles impacted societies. Students will develop their ability to read and critique texts, using primary source documents and a wealth of contemporary materials. Students will be challenged to think critically and communicate their learning through a variety of assessment tasks.

**86295 Honors Excel 9 A:
Honors World History A – .5 Credit English 9A – .5 Credit**
**86299 Excel 9 B:
Honors World History B – .5 Credit English 9B – .5 Credit**

Grade 9

Course description is the same as the Excel description listed above. An honors student will complete additional homework, in-class work, project expectations, writing requirement, and test questions that ask the student to demonstrate cognitive understand and skill development at a deeper level than academic students. Additional, standards and expectations on essays and assignments exceed those of academic level. Furthermore, an honors student will read an additional novel or non-fiction book each trimester and compose an essay that connects this reading to Excel topics and themes. Students may select honors for either or both trimesters. Students must earn a B- final grade to continue honors for the subsequent trimester

85122 Student Government - .5 Credit

Grades: 9, 10, 11, 12

This course may be repeated for credit

This class is designed for all elected student government officers and class representatives. They will have the responsibility of planning, organizing and implementing a variety of school and community activities for the school year. In the process students will learn about and demonstrate effective leadership skills as they serve as positive role models for Groves. Students will be graded on how well they participate and fulfill clearly defined expectations of individual leadership and work. Enrollment is open only to those elected to office or appointed by the advisors. All students are expected to schedule this class for first term. Once elected, students need to discuss their specific schedule with the advisors. Please contact Kara Mason at KMason@birmingham.k12.mi.us if you are interested in this class.

LIFE MANAGEMENT DEPARTMENT

As Life Management Educators we strongly believe that our curriculum provides our future citizens with the knowledge and skills necessary for living effectively and responsibly in our complex world. Students will be able to assess the impact of wellness, their role as a consumer, the use of changing technologies and the importance of balancing work and family in their daily life. Departmental courses allow students the opportunity to develop critical thinking, problem solving and academic skills by participating in authentic experiences. Life Management prepares students to move into adult roles.

LEVEL	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Foods and Nutrition	Foods and Nutrition	Foods and Nutrition Multicultural Foods	Foods and Nutrition Multicultural Foods	Foods and Nutrition Multicultural Foods
Interior Design		Interior Design	Interior Design	Interior Design
Personal Development	Individual Daily Living	Individual Daily Living Parenting and Child Development Contemporary Life Issues	Individual Daily Living Parenting and Child Development Contemporary Life Issues Today's Health	Individual Daily Living Parenting and Child Development Contemporary Life Issues Today's Health Human Sexuality

68232 Individual Daily Living - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

This course is designed for students with special needs in grades 9-12. It gives students the opportunity to develop attitudes, skills and work habits essential for success in life. Topics of study will be tailored to individual and class needs and interests. Lessons will be taught in the areas of food and kitchen safety, food preparation, personal and community management and career development. The focus of the course will be helping students with special needs function independently.

68002 Foods and Nutrition - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

This course is designed to provide students with skills necessary to apply proper nutrition to meal planning and preparation. Students will have opportunities to participate in many labs that include the preparation of fruits, grains, dairy products, meats, vegetables and various dessert recipes. In addition students will have chances to experience outdoor grilling. Course activities focus on good nutrition, kitchen safety, sanitation and healthy life style choices.

MATHEMATICS DEPARTMENT

COURSE SEQUENCE

LEVEL	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS	Honors Integrated Math 2	Honors Integrated Math 3	Honors Precalculus AP Statistics	AP Calculus BC AP Calculus AB AP Statistics
ACCELERATED	Integrated Math 2	Integrated Math 3	Precalculus AP Statistics	AP Calculus BC AP Calculus AB AP Statistics
OPPORTUNITY TO ACCELERATE	Integrated Math 1	Integrated Math 2 Integrated Math 3A	Integrated Math 3B Precalculus	AP Calculus BC AP Calculus AB AP Statistics
COLLGE PREPRATORY	Integrated Math 1	Integrated Math 2	Integrated Math 3	Precalculus AP Statistics
ESSENTIAL	Pre-Algebra Practical Pre-Algebra	Integrated Math 1	Integrated Math 2	Integrated Math 3

31002 Pre-Algebra A - .5 Credit

Grades: 9

31012 Pre-Algebra B - .5 Credit

Prerequisites: 8th Grade Mathematics with 8th Grade Team recommendation

Pre-Algebra is for students who need to strengthen their mathematical skills prior to taking Integrated Math 1. Fundamental skills of arithmetic are expanded and problem-solving skills are practiced. Elementary algebra and geometry topics are presented including equations, inequalities, graphing, operations with fractions and percent, and problem solving using variables. Emphasis is placed on real world applications and making connections to other disciplines.

38002 Integrated Math 1 A - .5 Credit

Grades: 9, 10

38012 Integrated Math 1 B - .5 Credit

38013 Integrated Math 1 C - .5 Credit

Prerequisites: 8th grade teacher recommendation

Integrated Math 1 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 simple exponential equations, exploring linear and exponential functions graphically, numerically, symbolically, and as sequences, and by using regression techniques to analyze the fit of models to distributions of data

39002 Introduction to Integrated Math 2 - .5 Credit

Grades: 9, 10

Prerequisites: Algebra 1

This course is intended for students new to Birmingham Public Schools who have successfully completed a traditional Algebra 1 course. Introduction to Integrated Math 2 will cover topics that were developed in Integrated Math 1 that are not typically taught in Algebra 1 courses. Topics include modeling bivariate data, sequences, triangle congruence, coordinate geometry, and exponential functions.

38022 Integrated Math 2 A - .5 Credit

Grade: 9, 10

38032 Integrated Math 2 B - .5 Credit

Prerequisites: Integrated Math 1

Integrated Math 2 aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions and building a formal understanding of similarity based on dilations and proportional reasoning. It also helps students develop the concepts of formal proof, explore the properties of two dimensional objects, and work within the rectangular coordinate system to verify geometric relationships. Students also use the language of set theory to compute and interpret probabilities for compound events.

38062 Honors Integrated Math 2 A - .5 Credit

Grade: 9, 10

38072 Honors Integrated Math 2 B - .5 Credit

Prerequisites: Integrated Math 1 and teacher recommendation

Students will investigate the same standards as Integrated Math 2. In Honors Integrated Math 2, these topics are developed with greater depth, breadth, and rigor. A higher degree of mastery and attention to detail will be expected. Lesson and assessments may include additional questions, investigations, or projects.

Math Transfer Procedures

Within the first three weeks of the trimester:

- Students may transfer to a different level math course during the first three weeks (15 class periods) with teacher approval. They will be graded only on subsequent work in their new course, but be responsible for all of the content of the course in terms of future tests/quizzes and the final exam.

Between three and six weeks of the trimester:

- Students may transfer to a different level math course between the third and sixth weeks (16 to 30 class periods) with teacher and department head approval. The grades from their previous course will count as 30% of their trimester grade. The grades from their new course will count as 50% of their trimester grade. The final exam will count as 20% of their trimester grade. Again, students will be responsible for all of the content of the course in terms of future tests/quizzes and the final exam.

After six weeks of the trimester:

- There will be no student transfers after six weeks (31 class periods). Students may Drop/Fail from the course after six weeks.

Students will not be allowed to transfer courses for teacher preference

MUSIC DEPARTMENT

COURSE SEQUENCE

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
BAND	Marching Band A (1 st Term only) Concert/Symphony Band B, C	Marching Band A (1 st Term only) Concert/Symphony Band B, C	Marching Band A (1 st Term only) Concert/Symphony Band B, C	Marching Band A (1 st Term only) Concert/Symphony Band B, C
ORCHESTRA	Concert Orchestra A, B, C	Concert Orchestra A, B, C Symphony Orchestra A, B, C	Concert Orchestra A, B, C Symphony Orchestra A, B, C	Concert Orchestra A, B, C Symphony Orchestra A, B, C
CHORAL	Choir	Choir	Choir	Choir
MUSIC	Class Piano Music Technology	Class Piano Music Technology	Class Piano Music Technology	Class Piano Music Technology AP Music Theory

The Groves High School Music Department offers courses in vocal music, orchestra, band and class piano. Our courses are designed to function for students entering high school with almost any degree of proficiency in musical study. It is possible to take music classes for all four years along with the courses needed for college entry.

64242 Choir A - .5 Credit per term

Grades: 9, 10, 11, 12

64252 Choir B - .5 Credit per term

64253 Choir C - .5 Credit per term

Prerequisites: None

This exciting ensemble is designed for all students with a desire to sing and perform. Students will present concerts for the community, and compete at local, state, and national choral festivals which showcase their talents and abilities. A variety of challenging vocal styles are presented including classical, musicals, jazz, pop, and spirituals. Vocal techniques and learning to work as an ensemble will be stressed. If a student is interested in auditioning for the Groves musical, it is highly encouraged that they participate in Choir to gain the daily skills needed to perform successfully. Solos and small ensemble participation is encouraged, and members are required to attend all performances. **The Choir performs throughout the school year. Students are expected to take at least 2 trimesters, but may enroll in a single trimester (Choir A) if scheduling requires it.**

64072 Class Piano - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

This course may be repeated for credit

This course is open to any student at beginner, intermediate, or advanced playing level. Students will progress at their own level and ability. Reading printed music notation is stressed. Electronic keyboards with headsets will be used to practice independently while students are monitored by the instructor. Basic music theory skills are included. This course may be repeated for credit.

63222 Concert Orchestra A - .5 Credits

Grades: 9, 10, 11, 12

63232 Concert Orchestra B - .5 Credits

63233 Concert Orchestra C - .5 Credits

Prerequisites: 3 - 8 years of training or, 8th grade orchestra.

The **Concert Orchestra** will include all incoming freshman, and some sophomores, juniors and seniors. All sophomores, juniors and seniors will play a brief audition in the spring to establish their placement in the proper ensemble. The students will play the finest high school literature as they perform at festivals, in concerts and take musically enriching trips around the nation. Solo and Ensemble performance is highly encouraged. Instruction includes advanced string techniques to improve musical performance skills. Students enrolled in the Orchestra program will also have the opportunity to perform in the **Full Orchestra, Groves Chamber Ensemble, Electronic String Ensemble**, as well as audition for the **Pit Orchestra** for the musical. *This course is sequential and it is expected that students take 3 terms. If a conflict occurs, the counselor and director will evaluate exceptions.*

62502 Marching Band A - .5 Credit

Grades: 9, 10, 11, 12

*Prerequisites: Enrolled in Band/Marching Band during previous years
Drumline is by audition only (see band director for details).*

Part of 3-trimester sequence

The Groves Marching Band is made up of Freshman, Sophomores, Juniors, and Seniors. Students within the marching band learn marching and musical techniques. The Groves Marching Band meets within the school and has Monday Night Rehearsals outside of the school day. All students are required to performances and Monday Night Rehearsals. **Students must also be enrolled in Concert/Symphony B and Concert/Symphony C unless given written permission by the band director.**

63012 Concert Band B – .5 Credits

Grades: 9, 10, 11, 12

63013 Concert Band C – .5 Credits

Part of 3-trimester sequence

Prerequisites: Enrolled in Band during previous years

The Groves Concert Band is made up of Freshman, Sophomores, Juniors, and Seniors. Students within the Concert learn and develop the fundamentals of concert band literature. All performances are required and **students must be enrolled in all three trimesters of band unless given written permission by the instructor.**

63212 Symphony Band B – .5 Credits

Grades: 9, 10, 11, 12

63213 Symphony Band C – .5 Credits

Part of 3-trimester sequence

*Prerequisites: At least one year in Concert Band. Students also must complete
AND pass audition, see band director for details*

The Groves Symphony Band is made up of Sophomores, Juniors, and Seniors. Students within the Symphony Band focus on playing an advance level of band literature. All performances are required as well as some evening rehearsals determined by the band director. **Students must be enrolled in all three trimesters of band unless given written permission by the instructor.**

64032 Music Technology - .5 Credit

Grades: 9, 10, 11, 12

No Prerequisites, although basic skills in music theory and keyboard playing are helpful.

May not be repeated

Learn to use computer software and hardware to generate ideas for your own music! Compose, record, create, modify, mash-up, notate, and transform music in digital audio, midi, .wav and .mp3 formats. Music theory concepts, connections to cultural studies, and application to real-world careers are integrated into the curriculum with technology and creative experiences as the unifying thread.

PHYSICAL EDUCATION DEPARTMENT

COURSE SEQUENCE

PROGRAM SEQUENCE	GRADE 9	GRADE 10	GRADE 11	GRADE 12
REGULAR	Personal Fitness Aerobics Basketball Net Sports Team Sports Total Fitness Scuba Diving (Seaholm)	Personal Fitness Aerobics Basketball Lifeguard Training Net Sports Team Sports Total Fitness Scuba Diving (Seaholm)	Personal Fitness Aerobics Basketball Lifeguard Training Lifetime Sports Net Sports Team Sports Total Fitness Scuba Diving (Seaholm)	Personal Fitness Aerobics Basketball Lifeguard Training Lifetime Sports Net Sports Team Sports Total Fitness Scuba Diving (Seaholm)
SPORTS	Football Tech 3 rd Term Soccer Swimming Volleyball	Football Tech 3 rd Term Soccer Swimming Volleyball	Football Tech 3 rd Term Soccer Swimming Volleyball	Football Tech 3 rd Term Soccer Swimming Volleyball
MODIFIED	Adjusted P.E.	Adjusted P.E.	Adjusted P.E.	Adjusted P.E.

90002 Personal Fitness - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None

Personal Fitness is the physical education foundations course which focuses on those concepts and experiences designed to help students establish a habit of lifelong physical activity and a healthy lifestyle. Through health and fitness self-assessments, students learn how to design their own personal fitness programs. Personal safety and a cardiopulmonary resuscitation certification unit are integral components of this program. Daily classroom experiences emphasize positive decision-making related to reducing cardiovascular risk factors. Students are required to work with a portfolio that includes written material and worksheets. Heart rate monitors are used to help students understand the physiological effects of exercising. Activity units include cardiovascular fitness, muscular strength and endurance, flexibility and swimming. All students must successfully complete this course to fulfill graduation requirements.

TERM ELECTIVES

90062 Aerobics - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

This course is for students who wish to attain optimal fitness levels through fun and challenging experiences. Fitness activities may include, but are not limited to, power walking through the neighborhood and around the track, teacher led Step classes, circuit training, fitball workouts, kickboxing, field trips to community fitness centers and guest instructors. The class meets in the Fitness center which features a wood floor, mirrors, and offers a variety of free weights and resistance machines to choose from. This course involves the use of individual assessments, personalized goal setting and progressive self-improvement activities in the areas of personal conditioning. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with Attitude (character development), Body (fitness components), Life-Saver (CPR), and Energy (Nutrition). This course may be repeated for credit.

91012 Basketball - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

This course is for students wishing to pursue the comprehensive development of basketball fundamentals including strategies, techniques, execution of progressive developmental skills and competitive play. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with Attitude (character development), Body (fitness components), Life-Saver (CPR), and Energy (Nutrition). This course may be repeated for credit.

91032 Football Tech - .5 Credit

Grades: 9, 10, 11, 12

*Prerequisites: Personal Fitness.*Offered 3rd term only

This advanced course is designed for students wishing to pursue a more rigorous study of football techniques and strategies. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with **Attitude** (character development), **Body** (fitness components), **Life-Saver** (CPR), and **Energy** (Nutrition). Contemporary issues related to football will be explored. Contemporary issues related to football will be explored. This course may be repeated for credit.

90032 Physical Education Adjusted - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: By placement only

Adapted physical education is a highly individualized program designed to meet the needs of students with special consideration and provide activities intended to enhance traditional therapy. Program objectives include: fitness improvement/maintenance, motor development, sports skill development, self-care skills and appropriate decision making strategies. This course may be repeated for credit.

90072 Net Sports - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

Net/Racquet Sports activity units may include tennis, volleyball, badminton and pickleball. This course is designed to assist students in developing skills and game strategies to successfully play each of the sports with carryover value for lifelong participation. Students may participate in their class competitions at individual skill levels. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with **Attitude** (character development), **Body** (fitness components), **Life-Saver** (CPR), and **Energy** (Nutrition). This course may be repeated for credit.

91072 Scuba Diving - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

Offered at Seaholm only

Upon completion of all phases of the underwater science and technology scuba course, students will possess the skills and knowledge of safe diving techniques that qualify them to participate in the open water phase of scuba certification. Students will also learn about marine biology, the physics of diving, underwater photography, and careers in diving. Students taking this course must have above average swimming skills. **A course fee will be charged for this class.**

92012 Soccer - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

This **advanced course** is designed for students wishing to pursue a more rigorous study of soccer techniques and strategies. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with **Attitude** (character development), **Body** (fitness components), **Life-Saver** (CPR), and **Energy** (Nutrition). This course may be repeated for credit.

99082 Swimming - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

For anyone, from non-swimmers to competitive swimmers wishing to pursue a more intensive swim development program are encouraged to enroll in this course which emphasizes swimming biomechanics, fundamentals and individual technique development. Athletic training, weight training, sports nutrition, sports psychology, leadership development, sportsmanship and sports safety are integral components of this course. This course may be repeated for credit.

91052 Team Sports- .5 credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

This course is designed for those students who have **mastered** basic skills and wish to pursue vigorous team activities beyond the fundamental required team skills. Major activities may include but are not limited to... touch football, team handball, basketball, floor hockey, soccer and ultimate frisbee. Emphasis will be placed on the development of fitness through participation in these vigorous activities. We will explore topics dealing with **Attitude** (character development), **Body** (fitness components), **Life-Saver** (CPR), and **Energy** (nutrition). This course may be repeated for credit.

91122 Total Fitness - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

This course gives students an opportunity to actively engage in an accelerated twelve week program to promote total fitness. Students will participate in the use of personal health risk appraisals, nutritional analysis and fitness assessments to develop individual program prescriptions. Resistance machines, free weights, core exercises, aerobic conditioning including the use of cardio machines, and plyometric circuit workouts will be utilized to accommodate and individualize interest and developmental differences. Students should also expect to create and conduct workouts for the class. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with **A**ttitude (character development), **B**ody (fitness components), **L**ife-Saver (CPR), and **E**nergy (Nutrition). This course may be repeated for credit.

91112 Volleyball - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: Personal Fitness

This **advanced course** is designed for students wishing to pursue a more rigorous study of volleyball techniques and strategies. Students should expect daily activities and/or lessons pertaining to our philosophy of being A.B.L.E. We will explore topics dealing with **A**ttitude (character development), **B**ody (fitness components), **L**ife-Saver (CPR), and **E**nergy (Nutrition). **“Net Sports” is the recommended course for beginning volleyball players.** This course may be repeated for credit.

SCIENCE DEPARTMENT

COURSE SEQUENCE

Science is a central facet of the educational process through which students gain the knowledge, concepts, skills and attitudes necessary to become scientifically and technologically literate citizens. All members of twenty-first century societies are greatly affected by the methods, theories, and products of science. The achievement of scientific literacy involves the nurturing and encouragement of curiosity, and of critical and innovative thinking. Students learn through the development of inquiry and process skills.

A science education is based on experiences gained through experimentation and the use and manipulation of materials. Applications of these skills should focus on enabling the learners to improve their ability in problem solving, to develop a greater understanding of scientific processes, to develop scientific attitudes and to formulate techniques appropriate to dealing with our changing environmental and societal demands.

Science influences every aspect of our lives. It is central to our welfare as individuals and to the welfare of our society. The aim of a science education is, therefore, to develop scientific literacy for all students.

A science education at Groves strives to:

- develop scientific and inquiry skills; provide scientific knowledge;
- integrate science, technology, engineering and mathematics practices (STEM);
- use the skills and knowledge of science as they apply to personal and social decisions;
- enhance the development of attitudes, values and appreciation of science; and
- study the interaction between science and society in the context of science related societal issues.

The Groves Science Department provides students with the opportunity to study life, physical, earth and applied sciences at a level consistent with their goals, interests and abilities.

Graduation Requirement for Class of 2022 and 2023

The Birmingham Board of Education approved new graduation requirements for the Class of 2022.

The graduation requirements for the four science discipline areas, along with courses that fulfill each requirement, are listed in the table below. Please note that students can personalize their selections as their interests and future academic goals dictate.

Graduation Requirement	Course options
0.5 credit physics	0.5 credit Core Physics 1.0 credit Physics A/B * 1.0 credit AP Physics 1 A/B*
0.5 credit chemistry	0.5 credit Core Chemistry 1.0 credit Chemistry A/B* 1.0 credit Honors Chemistry A/B*
0.5 credit Earth science	0.5 credit Core Global Systems A 1.0 credit Core Global Systems A & Global Systems B 1.5 credit AP Environmental Science A/B/C*
1.0 credit biology	1.0 credit Core Biology A/B* 1.0 credit Honors Core Biology A&B*
0.5 credit elective	0.5 credit science elective from course catalog (The B term of Chemistry, Physics, Global Systems, AP Environmental Science, or AP Physics 1 courses, when taken as part of the full-year course, also meets this requirement.)

*Students must select both A&B sections in order to fulfill the graduation requirement for this core disciplinary area

Class of 2022 Sample Sequences

The science program offers many opportunities for students to personalize their science coursework to fit their interests and future college and career goals. The following sequences are only some of possible course clusters that satisfy the graduation requirement. Honors-level courses are available in place of Core Biology A/B, Chemistry A/B, and Physics A/B, shown in the sequence below. Students should work with their science teachers and counselors to pick science courses that best fit their needs.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Liberal Arts Focus	<u>Core Chemistry and Core Physics</u>	<u>Core Biology A/B</u>	<u>Core Global Systems A and Science elective</u>	Optional courses beyond 3.0 credit graduation requirement, if desired
Health Science Focus	<u>Core Biology A/B</u>	<u>Chemistry A/B</u>	<u>Physics A/B and Core Global Systems A</u>	Honors Anatomy & Physiology A/B AP Biology A/B/C
Earth/ Environmental Science Focus	<u>Core Chemistry and Core Physics or Core Biology A/B</u>	<u>Core Biology A/B Or Core Chemistry A/B</u>	<u>Core Global Systems A and Global Systems B or AP Environmental Science A/B/C</u>	AP Environmental Science A/B/C Astronomy
Interdisciplinary Science Focus	<u>Core Chemistry and Core Physics</u>	<u>Core Biology A/B and Core Global Systems A</u>	<u>Chemistry A/B</u>	AP Physics 1 A/B AP Chemistry A/B/C, AP Biology A/B/C, or AP Environmental Science A/B/C
Engineering Focus	<u>Chemistry A/B</u>	<u>AP Chemistry A/B/C and Core Global Systems A</u>	<u>Core Biology A/B and AP Physics 1 A/B</u>	AP Physics C A/B/C AP Biology A/B/C
Science Department Electives:	Global Systems B Astronomy Forensic Science	AP Biology A/B/C* AP Chemistry A/B/C * AP Environmental Science A/B/C * AP Physics C A/B/C* AP Physics 2 A/B/C (Seaholm)	STEM Physics A/B (Seaholm) STEM Engineering C (Seaholm) STEM Research & Design 1 (Seaholm) STEM Research & Design 2 (Seaholm)	

*Denotes AP Course taught at Groves

Underlined courses satisfy the graduation requirement.

41102 Core Biology A - .5 Credit

Grades: 9, 10, 11

Prerequisites: 8th grade science teacher recommendation if taken in 9th grade

41112 Core Biology B - .5 Credit

Prerequisites: Biology A

Biology is a required laboratory- and activity-based course in which students investigate the fundamentals of biology, including ecology, energy transformations, cells, genetics, and evolution.

Credit in Biology is required for graduation.

41162 Honors Core Biology A - .5 Credit

Grades: 9, 10, 11

Prerequisites: 8th grade science teacher recommendation if taken in 9th grade

41172 Honors Core Biology B - .5 Credit

Prerequisites: Honors Core Biology A

Honors Core Biology is an accelerated two-trimester inquiry based course designed for students planning to pursue further studies in life science at the college level. Laboratory studies will represent a large portion of the curriculum. Conceptual analyses of principles of biology and chemistry will be emphasized. Major areas of study will include biochemistry, ecology, energy transformation, cellular division, genetics, molecular biology of the gene, DNA technology and evolution. Successful completion of this class will prepare students for the rigors of both Advanced Placement and collegiate level biology.

45262 Core Chemistry - .5 Credit

Grades: 9, 10, 11, 12

*Prerequisites: None.**Students who have completed Chemistry are not eligible for Core Chemistry.*

This is a college-preparatory, laboratory-oriented class in which students engage in investigations, problem-solving, and data-analysis tasks while learning fundamental topics in chemistry. Topics include properties of and changes in matter, atomic structure, bonding, and chemical reactions.

44142 Core Physics - .5 Credit

Grades: 9, 10, 11, 12

*Prerequisites: None.**Students who have completed Physics or AP Physics 1 are not eligible for Core Physics.*

This is a college preparatory laboratory class in which students will explore topics in physics such as kinematics, momentum, force, energy, electromagnetic radiation, and waves. Through laboratory investigations, data analysis, and problem-solving tasks, students will construct knowledge of physics in order to solve real-world problems.

45062 Core Global Systems A - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None.

This is an interdisciplinary, laboratory-based course that will increase students' global perspectives of the Earth's systems. With a focus on the human impact on Earth's geosphere, hydrosphere, and atmosphere, students will become versed in the importance of global citizenship in a changing world while developing applicable problem-solving strategies.

45072 Global Systems B - .5 Credit

Grades: 9, 10, 11, 12

Prerequisites: None.

Global Systems B is a college preparatory interdisciplinary class in which students will explore topics such as early earth, plate tectonics, earthquakes, volcanoes, rock cycle, weather and climate. Through laboratory investigations, data analysis and problem-solving tasks, students will construct knowledge of how the earth was made and how we can predict its future. This course is an elective course.

42022 Chemistry A - .5 Credit

Grades: 9, 10, 11, 12

*Prerequisites: Integrated Math 1**8th grade teacher recommendation if taken in 9th grade.***42032 Chemistry B - .5 Credit***Prerequisites: Chemistry A*

Chemistry is a laboratory-oriented program for students bound for college or other post-secondary training. Topics covered include properties of matter, energy changes, stoichiometry, chemical bonding, chemical reactions, gas laws, solutions and qualitative, quantitative and instrumental analysis. Emphasis is on laboratory skills, laboratory reporting, data analysis and general chemistry theory.

SOCIAL STUDIES DEPARTMENT

COURSE SEQUENCE

PROGRAM SEQUENCE	GRADE 9	GRADE 10	GRADE 11	GRADE 12		
COLLEGE PREP SEQUENCE *Honors opt	World History A/B Excel 9*	U.S. History A/B AP U.S. History A/B/C Excel 10 – American Studies*	U.S. Government AP U.S. Government A/B Microeconomics Macroeconomics Excel 11 – Global Studies*	U.S. Government AP U.S. Government A/B Microeconomics Macroeconomics Excel 12– Contemporary American Studies*		
ACADEMIC PREP SEQUENCE			Fundamentals of Law Basic	Fundamentals of Law Basic		
Electives						
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> AP European History A/B/C AP Psychology A/B AP Economics A (Microeconomics) AP Economics B (Macroeconomics) African American History Court Cases – Constitutional History and Law Global Issues </td> <td style="width: 50%; border: none;"> History of America’s Women Honors Philosophy Psychology Psychology and the Individual Topics in Psychology World Geography </td> </tr> </table>					AP European History A/B/C AP Psychology A/B AP Economics A (Microeconomics) AP Economics B (Macroeconomics) African American History Court Cases – Constitutional History and Law Global Issues	History of America’s Women Honors Philosophy Psychology Psychology and the Individual Topics in Psychology World Geography
AP European History A/B/C AP Psychology A/B AP Economics A (Microeconomics) AP Economics B (Macroeconomics) African American History Court Cases – Constitutional History and Law Global Issues	History of America’s Women Honors Philosophy Psychology Psychology and the Individual Topics in Psychology World Geography					

20042 World History A - .5 Credit

Grades: 9

(10, 11, 12 may elect this course)

World History A students will explore the development of regional organizational systems while introducing the study of history and its elements. In the class, students will focus on the methods of organization of societies, development of cultures, and the growth and collapse of trade, religious, and governmental systems. These themes will be applied through the study of societies from early history to the Middle Ages, with units of focus on: Historical Thinking and Analysis, World Religions, Systems of Government, Trade and Exchange, and Movement.

20052 World History B - .5 Credit

Grades: 9

(10, 11, 12 may elect this course)

World History B students will investigate what happens when the systems developed in World History A collide and compete, and their impact on the modern world. Units of study will focus on: Development of a Global Age, Global Political and Economic Revolutions, 20th and 21st Century global conflict, and globalization.

25100 World Geography - .5 Credit

Grades: 9, 10, 11, 12

Students will explore the world in spatial terms. In the process, they will develop a better understanding of places, regions, and other political boundaries as well as learn about the physical and human systems that exist on our planet. Conceptual examples of course content include learning where countries are located, how climate affects culture, how countries allocate resources, and how the forces of cooperation and conflict influences mankind across various contexts.

86290 Excel 9 A: World History A – .5 Credit English 9A – .5 Credit

Grade: 9

86292 Excel 9 B: World History B – .5 Credit English 9B – .5 Credit

This Excel ninth grade college prep course encompasses the study of the social, political and economic elements of world history, as well as the arts and literature of the era. By using a thematic focus appropriate for the transitional year to high school that integrates social studies and English, Excel fosters creativity, adaptability, critical reasoning, and collaboration. The interdisciplinary approach will allow students to develop a greater perspective of the interconnected nature of our world.

To meet 9th grade English standards, Excel 9th grade provide students with the opportunities for study of literary forms, development of a reading habit, and improvement of language and composition skills in the context of exploring world history. A variety of literature and informational texts are used as vehicles for discussion. Students will write in multiple writing genres including: narrative, argumentative, research, impromptu, and journal writing. Emphasis is placed on reading, writing, research, and discussion skills.

To meet 9th grade Social Studies standards, Excel begins with an exploration of early civilizations and the origins of the world's great belief systems, and continues through the twentieth century, examining how communities cope with stress and change, and how power struggles impact societies. Students develop their ability to read and critique texts, using primary source documents, as well as drawing from a wealth of contemporary materials. Students will be challenged to think critically, and to be able to communicate their learning through a variety of assessment tasks.

This course is available for honors credit.

SPECIALIZED INSTRUCTION & STUDENT SERVICES

COURSE SEQUENCE

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Learning Center	Learning Strategies A/B/C	Learning Strategies A/B/C	Learning Strategies A/B/C	Learning Strategies A/B/C
Content Specific Classes	Individualized Pre-Algebra A/B	Individualized Pre-Algebra A/B	Individualized Pre-Algebra A/B	Individualized Pre-Algebra A/B
	Individualized English A/B	Individualized English A/B	Individualized English A/B	Individualized English A/B
	Individualized Integrated Math 1			
Career and Vocational Training		Community Based Vocational Instruction A/B/C	Community Based Vocational Instruction A/B/C	Community Based Vocational Instruction A/B/C
			Work Study A/B/C	Work Study A/B/C

14102 Individualized English A - .5 Credit
14112 Individualized English B - .5 Credit

Grades: 9, 10, 11, 12

Individualized English is designed to meet the individual needs of students who are recommended for this class. Instruction includes explicit instruction for reading and written language skills. The course uses research based methodologies to improve reading and composition. Course objectives align with Birmingham Public Schools approved English curriculum materials and standards. Additional materials may be used to address individual needs. This course may be repeated for credit.

35402 Individualized Pre-Algebra A - .5 Credit
35412 Individualized Pre-Algebra B - .5 Credit

Grades: 9, 10, 11, 12

Individualized Math is designed to meet the individual needs of students recommended for this class. Basic computation skills are practiced in preparation for students' future participation in the Groves mathematics course sequence. Course objectives align with State standards. This course may be repeated for credit.

Learning Strategies A - .5 Credit
Learning Strategies B - .5 Credit
Learning Strategies C - .5 Credit

Grades: 9, 10, 11, 12

This course is designed to aid students in becoming independent learners. Individual student goals will be addressed and curriculum support will be offered. With these objectives in mind, a student may earn one half unit of credit toward high school graduation each term that he/she is in the course. This credit will be noted as pass or fail on the report card and transcript.

Individualized Integrated Math A - .5 Credit
Individualized Integrated Math B - .5 Credit

Grades: 9, 10, 11, 12

Individualized Integrated Math 1 is designed to deepen and extend student understanding by focusing on developing fluency with solving linear equations, inequalities, and systems. These skills are extended to solving simple exponential equations and linear and exponential functions.

WORLD LANGUAGE DEPARTMENT COURSE SEQUENCE

ASL	French	Spanish
American Sign Language 1 A/B	French 1 A/B	Spanish 1 A/B
American Sign Language 2 A/B	French 2 A/B	Spanish 2 A/B
Chinese	French 3 A/B	Spanish 3 A/B
Chinese 1 A/B	French 4 A/B <i>or</i> Honors French 4 A/B	Spanish 4 A/B <i>or</i> Honors Spanish 4 A/B
Japanese	AP French A/B/C	AP Spanish A/B/C
Japanese 2 A/B	Honors French Perspectives A/B	Honors Hispanic Perspectives A/B

Program Level	Benefits	Course Selection
Graduation Requirement	Fulfills the High School Graduation Requirement	French 1 & 2 Spanish 1 & 2 Japanese 2
Honors	Expected by Selective Universities	French 3 & 4 Spanish 3 & 4
Advanced Placement	Possible College Credit	AP French AP Spanish
Perspectives	Literature & Culture Immersion	Honors French Perspectives Honors Hispanic Perspectives

The mission of the World Language Department at Groves High School is to guide students through the acquisition of a new language and its respective culture. In our classes, our students learn to listen, read, write and speak in the target language, while also gaining relevant cultural insight and experience. Our staff is committed to teaching the 5 Cs of Foreign Language Learning, as outlined by the National Standards in Foreign Language Education and the State of Michigan: Communication, Connections, Communities, Cultures, and Comparisons. We do this by engaging our students in a multitude of activities, where they are asked to interpret spoken and written language, conduct back and forth spoken and written discourse, and present original spoken and written projects. Students are instructed and evaluated according to the Proficiency and Performance Guidelines set by the American Council on the Teaching of Foreign Languages.

The State of Michigan requires that students graduate with two credits of a world language, beginning with the class of 2016. Incoming students who have no prior experience with a world language, or students who have less than one year of world-language experience, enroll in the level 1 of the language of their choice. Students who have one year or more of a language prior to enrollment at Groves High School enroll in the next level course of their particular language of study. Most colleges and universities expect applicants to have completed two years of study of the same language, while highly selective universities expect three to four years.

The graduation requirement is two credits of the same language to be taken between grades 9 and 12. Incoming students who have never taken a language course enroll in level 1. Students who have completed one or more years of language study at the middle-school level are strongly encouraged to enroll in the next level course beyond their last academic experience. Ninth-grade students wishing to complete the Advanced Placement program must begin their high-school language study at least at the second-year level.

Note to incoming 9th graders: It is highly recommended that students follow their middle-school teacher's recommendation/placement for high-school language courses. It is a requirement by the State of Michigan that students earn at least 2 credits of the same language prior to the end of 12th grade. Students who complete 1 or more credits of a language in middle school have made progress towards high-school graduation during their middle-school experience. However, at least 1 more credit of a language beyond their last experience in middle school must be earned in grades 9 to 12. Therefore, a student is not making progress towards graduation if he or she repeats a course already taken in middle school. Because graduation credit can be earned in middle school, levels 1 and 2 courses are virtually identical between middle and high school. A student who comes in with 1 credit typically enrolls in level two of the same language, while a student who comes with 2 credits typically enrolls in level three of the same language.

Upper Level Chinese classes are currently held at Seaholm High School

LEVEL ONE

(1/2 unit of credit, each)

These courses are designed for students who have not studied a language for three years or more. They develop entry-level skills in speaking, listening, reading, and writing. They also foster an early understanding of the culture. Students will be able to understand and to ask simple questions on structured, familiar topics. They can only satisfy a small number of immediate needs. Discourse is usually limited to the present tense, but may occasionally include introduction to the past tense. Oral proficiency is stressed.

56002 Chinese 1A

56012 Chinese 1B

50002 French 1A

50012 French 1B

51002 Spanish 1A

51012 Spanish 1B

Prerequisites: None

Grades: 9, 10, 11, 12

LEVEL TWO

(1/2 unit of credit, each)

These courses help students to recombine practiced material and interpret simple messages in speaking, listening, reading, and writing. They deepen a student's understanding of the culture. Pupils will begin to speak and write in longer, more complex sentences and use the past tense. They will be comfortable with detailed personal information, and will read and comprehend simple instructions and stories. Oral proficiency is stressed.

56022 Chinese 2A (at Seaholm High School)

56032 Chinese 2B (at Seaholm High School)

50022 French 2A

50032 French 2B

51022 Spanish 2A

51032 Spanish 2B

55022 Japanese 2A

55032 Japanese 2B

Prerequisites: First year of the language and teacher recommendation

Grades: 9, 10, 11, 12

LEVEL THREE

(1/2 unit of credit, each)

The goal of these courses is the steady enhancement of language proficiency. Students will answer factual questions, and begin to use future and conditional tenses. They will write logical paragraphs. Students will begin to create with the language and use simple circumlocutions. Oral proficiency continues to be emphasized, and accent and intonation will progress.

56042 Chinese 3A (at Seaholm High School)

56052 Chinese 3B (at Seaholm High School)

50042 French 3A

50052 French 3B

51042 Spanish 3A

51052 Spanish 3B

Prerequisites: Second year of language and teacher recommendation

Grades: 9, 10, 11, 12

American Sign Language

Level One

(1/2 unit of credit, each)

This class develops basic American Sign Language (ASL) skills, focusing on communication in a cultural context. The class covers fingerspelling, basic vocabulary and grammatical structures, and the development of visual receptive and gestural expressive skills. The online course provides students with the basic skills needed to begin their journey to becoming fluent in ASL. In addition, students will be introduced to the Deaf Culture and the Deaf Community, focusing on its history, traditions, values, and characteristics. The course also provides a survey of Sign Language structure, history, and usage, as well as contributions of Deaf persons to American society.

57102 American Sign Language 1A

57202 American Sign Language 1B

Prerequisites: None

Grades: 9, 10, 11, 12

Level Two

(1/2 unit of credit, each)

This class continues to develop basic American Sign Language (ASL) skills, focusing on communication in a cultural context. The class covers fingerspelling, basic vocabulary and grammatical structures, and the development of visual receptive and gestural expressive skills. The online course provides students with additional basic skills needed to continue their journey to becoming fluent in ASL. In addition, students will continue to learn about the Deaf Culture and the Deaf Community, focusing on its history, traditions, values, and characteristics. The course also provides additional Sign Language structure, history, and usage, as well as contributions of Deaf persons to American society.

57112 American Sign Language 2A

57112 American Sign Language 2B

Prerequisites: First year of the language and teacher recommendation

Grades: 9, 10, 11, 12

NONDISCRIMINATION ASSURANCE

NOTICE OF NONDISCRIMINATION:

The Board of Education is committed to maintaining a learning/working environment in which all individuals are treated with dignity and respect, free from discrimination and harassment. There will be no tolerance for discrimination or harassment on the basis of race, color, national origin, religion, sex, sexual orientation, marital status, genetic information, disability or age. The District prohibits harassment and other forms of discrimination whether occurring at school, on District property, in a District vehicle, or at any District related activity or event. The Superintendent will designate compliance officers and develop and implement regulations for the reporting, investigation and resolution of complaints of discrimination or harassment.

The following people have been designated to handle inquiries regarding the nondiscrimination policies.

Students - Inquiries related to discrimination on the basis of disability should be directed to:

Laura Mahler
Interim Executive Director for Specialized Instruction
Birmingham Public Schools
31301 Evergreen Road
Beverly Hills, Michigan 48025
248-203-3014

Direct all other inquiries related to discrimination to:

Dean Niforos
Assistant Superintendent for Human Resources
Birmingham Public Schools
31301 Evergreen Road
Beverly Hills, Michigan 48025
248-203-3032

NOTES

If you have a comment(s) or suggestion(s) to improve our Course Planning Guide for next year, we encourage you to submit it/them to:

LReeves@birmingham.k12.mi.us

Please place Course Planning Guide in the subject line.

THANK YOU

Groves High School Guidance and Counseling Staff