Magic City Acceptance Academy
Course Catalog and Academic Plan

School MIssion Statement Here

Administration listed

This course catalog has been created to be a guide for families, students, school counselors, teachers, and administrators to support college and career planning. You will find course descriptions, requirements, and other additional information. MCAA has the right to cancel or add classes based upon the enrollment, state education requirements and educational needs of the students.

It is very important that students and their parents give careful consideration to the courses that are selected each school year. Each spring, students are advised about courses and given the opportunity to work with the counselor to develop their individual course selections for the following school year.

The number of sections offered for a given course in the school year is determined by the course selections requested by the students during the spring pre-registration period. Once the master schedule is developed, changes in course selections will not be possible. A sufficient number of students must select an elective course for it to be offered. A student who selects a course that is not offered will be scheduled into one of their alternate courses.

The counselor is available to answer questions about any of the courses that are listed in this document. Students are invited to make an appointment with the counselor if needed.

Curriculum

All students are required to complete four credits in each of the four core academic areas (English, math, science, and social studies) along with credits in Career Preparedness, Beginning Kinesiology, and health. At least three credits must be earned in the areas of Arts, Career Technical Education and/or Foreign Language. The remaining credits for graduation are electives chosen by the student.

Course Request Process

The school master schedule for the next school year is built on the course requests of approximately 400 students. Each student will be given a course selection sheet for their respective grade. Every effort will be made to provide students with the courses for which they have been recommended or have requested. However, the availability of courses depends upon many factors including: number of students requesting a course, numbers of sections of a

course and staff availability. Consequently, some students may not be granted their original course selection
To maximize their chances of getting the courses they want, students should use the following the guidelines:

- Before selecting courses for next year, check all criteria, prerequisites, and academic instructional levels.
- List alternative elective courses in the priority order they are to be substituted for course choices that cannot be scheduled.
- Write notes on the course request form or attach a letter to it to clarify course needs, priorities, or special concerns.
- Return the course request form to the designated teacher by the announced deadline.

Step 1: General information and instructions regarding the course scheduling process are provided to all students during large group sessions with the counselor. An evening session will be held for parents to learn about the process and changes each year. During these meetings, the counselor will discuss the courses offered and provide students/parents with course selection forms and instructions. The Curriculum Guide and Course Descriptions lists all the courses available to students.
Step 2: Students make selections and return their Course Selection Sheets to their teacher by Friday, April 14, 2023. **Parents approve students' choices** by signing the Course Selection Sheet. Any student not returning a signed selection sheet by Friday, April 14 forfeits the right to choose his or her classes. **Those students not meeting the deadline for turning in their Course Selection Sheets will not receive priority status in the scheduling process.**
Step 3: Each student will meet with a counselor at a pre-designated time to check course selections and to be sure that the necessary courses are being requested.

IMPORTANT NOTE: All courses will be final with the course selection sheet and no change requests may be submitted. NO COURSE CHANGES SHALL BE MADE. This includes during the summer, at registration, and after the school year has started. Because of this, careful consideration should be used in the selection of courses.

Schedule Change Requests

Following the course request process outlined above should prevent most schedule change requests; however, should the student or parent feel a schedule change is warranted, they will be given the opportunity to make a request by filling out a "Course Change Request" form. Changes will only be granted if the student is 1) missing a class necessary for graduation, 2) has classes on their schedule they've already received credit for, or 3) the student has a duplicate class on their schedule.

Registration Process

Registration will take place during the summer. Students will pick up schedules for the 2024-2025 school year at registration. At this time, students will also return the necessary registration information, pay Dual Enrollment tuition, and purchase parking passes, yearbooks, etc. Please remember that the student's schedule reflects the choices made by the student and approved by the parent during the course selection process in the spring. The master schedule will have been constructed and teachers will have been assigned based on these choices. Therefore, requests to change schedules will not be honored. Remember the master schedule cannot be adjusted at this point, and due to class numbers, changes will not be possible.

Dual Enrollment Courses

The Dual Enrollment Agreement between MCAA and Jefferson State Community College allows high school students to enroll in college courses and receive both high school and college credit for the same course. Such arrangements allow students to meet the requirements for high school graduation while simultaneously earning college credit.

It is strongly recommended by JSCC that students have a minimum cumulative grade point average of 3.0 to take Dual Enrollment courses. Students with at least a 2.5 cumulativeGPA may be considered upon the recommendation of the counselor and the principal. All students who will be in the 12th grade must submit their ACT score with their Dual Enrollment Application or they will be required to go to JSCC to take a placement test prior to beginning their first class. Students must also meet any other requirements for specific courses in order to participate in the program. (See specific course listings for requirements)

Students should consult their prospective colleges and universities to determine if the credit is accepted by that college or university. Students are required to pay college tuition and purchase textbooks for Dual Enrollment classes. At the time of this writing, JSCC tuition is $492 per course. Tuition is due at MCAA for the first semester before the school year begins. Tuition for the second semester is due at MCAA on the first day of school in January. Textbook purchases and/or rental information will be available from JSCC.

State Testing

NWEA Map Testing (Grades 6-12)
Fall Window: October 2024
Winter Window: January 2025
Spring Window: April 2025

ACT Work Keys (Grade 12)
Initial: October 16-November 8
Re-Test: February 26- March 10, 2025

ACT (Grade 11)
Initial: March 11-14, 2025 or March 17-21, 2025
Make-up Testing: April 8-11, 2025 or April 14-18, 2025

Pre-ACT (Grade 10)
Initial: September 30- October 25, 2024

ACAP (Grades 6-8)
Initial: March 17- April 25, 2025

ACCESS for ELLs (Grades 6-12)
January 13- March 14, 2025

Semester Exams

Honors Classes
Currently, Magic City Acceptance Academy is only offering honors English classes for 9th and 10th grade students based on registration numbers and requests. If the minimum requirement of 10 students is not met, then the class will not be offered. Honors classes meet concurrently with regular classes with the teacher providing differentiated instruction and chances for enrichment and individual exploration of topics decided upon by the honors student and the teacher.

Middle School
Grading Policy

The following outlines the grading system and policy for Magic City Acceptance Academy's Middle School Courses.
Failure to pass courses in Middle School can result in placement in the schools Summer Enrichment program, tutoring, or online classes. Failure to complete course work can also result in failure to move to the next grade level.
Grade Setup for total grade in each class:
Classwork = 50%
Assessments (Tests, Quizzes, Projects) = 40%
Homework = 10%
Final Grade Setup for the year:

1st 9 weeks grade (50%) + 2nd 9 weeks grade (50%)= Semester 1 Grade 3rd 9 weeks grade (50%) + 4th 9 weeks grade (50%)= Semester 2 Grade Semester 1 grade (50%) + Semester 2 grade (50%) = Final Grade

Grading Scale

Percentage	Letter Grade
90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F

Grade 6 Course Listings and Descriptions

English Language Arts 01034G0606

- In Grade 6,, students think abstractly, examine and challenge the ideas of others, and explain their ability to express and justify their own points of view. The application of foundational skills and knowledge to read and respond to various types of literature from critical, digital, language, aresearch, and vocabulary literacies build thier knowledge base, strengthen existing abilities through reading, listening, writing, and speaking. Students move from concrete to abstract thinking, examine and challenge the ideas of others, and expand their ability to express and justify their own points of view. To acknowledge this transition in thinking, standards in teh middle grades also transition from the earlier grades' explicit focus on building foundational literacy skills (with concurrent emphasis on reading and wriitn) to the application of foundational skills and knowledge to read and respond to various types of literature.

Mathematics 02036G0606

- Students will understand ratio concepts and use ratio reasoning to solve problems; apply and extend previous understanding of multiplication and division to divide fractions by fractions; compute fluently with multi-digit numbers and find common factors and multiples; apply and extend previous understanding of numbers to the system of rational numbers; apply and extend previous understanding of arithmetic to algebraic expressions; reason about and solve one-variable equations and inequalities; represent and analyze quantitative relationships between dependent and independent variables; solve real-world and mathematical problems involving area, surface area, and volume; develop understanding of statistical variability; and summarize and describe distribution.

Social Studies 04436G0606

- United States HIstory from the Industrial Revolution to the Present

Earth Science 03010G0606

- Earth and Space Science progression from earlier grades; progression of knowledge and understanding through the integration of science and engineering practices along with crosscutting concepts of the core ideas to include the universe and its grand scale in both time and space, processes that drive Earth's conditions and its continual change over time, society's interactions with the planet.

Electives

Physical Education 08036G0606

- Refinement of fundamental motor skill integrated with a variety of movement concepts taught by a certified physical education specialist.

Foreign Language Survey 24050G0606

- Survey course of language(s) other than English for Grade 6; listening, speaking, understanding, and responding skills

Fine Arts Exploratory

- Music Grade 6 05136G0606
    - Students will engage, through criteria set by the teacher, in meaningful and purposeful music-making within the four Artistic Processes; creating music (improvising, composing, arranging); performing music (singing or with instruments); responding to music (listening to and analyzing); connecting music learning and experiences to the larger curriculum, other cultures and disciplines within and outside of the arts. In doing so, students will experience the following concepts of music: rhythm, melody, form, timbre, harmony, and expression; taught by a certified music teacher.
- Theater Grade 6 05076G0606
    - Students will transition from dramatic play and exploration into more academic theater work. Continued emphasis is placed on creating, producing, responding and connecting to drive age appropriate critical thinking, meaning, reflection, production and assessment. Students begin to explore the vocal, kinesthetic, emotional, analytical, and intellectual elements of theatrical training through improvisation, dramatization, process-centered elements of dramatic performance, aesthetics, criticism, and history. Students begin to examine theater genres and styles, broaden theater vocabulary, and respond to productions by communicating thoughts and feelings, explaining concepts of aesthetics, and evaluating artistic choices.
- Visual Arts Grade 6 05186G0606
    - Through creating, producing, and responding, students will explore the elements of art and principles of design by utilizing a variety of traditional media, digital media and multimedia projects. Students will study works of art to make connections and understand historical relevance, contemporary issues, and self-reflection to their work and the work of others

Grade 7

English Language Arts 01035G0707

- In Grade 7, students will focus on building foundational literacy skills and knowledge to read and respond to various types of literature, buildl their knowledge base and strengthen existing abilities. Students' ability to think abstractly increases. 7th Graders continue to examine and challenge the ideas of others and expand their ability to express and justify their own points of view through reading, listening, writing, and speaking.

Reading Intervention Grade 7 01068G0000

- Remedial work in reading. Supports are provided in instruction and differentiated instruction is provided.

Mathematics 02037G0707

- Students will analyze proportional relationships and use them to solve real-world and mathematical problems; apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers; use properties of operations to generate equivalent expressions; solve real-life and mathematical problems using numerical and algebraic expressions and equations; draw, construct, and describe geometrical figures and describe the relationship between them; solve real-life and mathematical problems involving angle measure, area, surface area, and volume; use random sampling to draw inferences about a population; draw informal comparative inferences about two populations; and investigate chance processes and develop, use, and evaluate probability models

Accelerated Math 02037H0707

- The Grade 7 Accelerated Mathematics course has been carefully aligned and designed for middle school students who show particular motivation and interest in mathematics. Grade 7 Accelerated Mathematics includes standards from Grade 7 Mathematics and incorporates standards from Grade 8 Mathematics and Algebra I with Probability. Students who complete this class are eligible to enroll in Grade 8 Accelerated Mathematics or Grade 8 Mathematics. Students who complete both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics are considered to have met the requirements of and may opt to omit the Algebra I with Probability course in their high school mathematics progression to enroll in additional mathematics courses after completing the required Algebra II with Statistics course.

Math Intervention 02996G0000

- Remedial work in Math. Supports are provided in instruction and differentiated instruction is provided.

Social Studies

- Geography 04001G0707
    - Cultural geography emphasizing Eastern Hemisphere; places and regions; physical systems; human systems; relationships between people their environment.
- Civics 04161G0707

- U.S. founding documents; representative democracy; law; personal finance; U.S. political system; civic participation and responsibility.

Science- Life Science 03237G0707

- Life Science progression of knowledge and understanding from earlier grades of the core ideas to include the structure and function of cells and their connections to organs and organ systems; the interactions between living organisms and between biotic and abiotic factors; explanations of genetic variations, results of genetic mutations, and impacts of genetic technologies; and the patterns of change in populations of organisms over a long period of time; the relationship between natural selection; and the reproduction and survival of a population with the integration of science and engineering practices and crosscutting concepts from the science framework.

Electives

- Physical Education 08037G0707
    - Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics
- Spanish 24050G0707
    - Listening, speaking, reading, and writing skills involving familiar topics; understanding and responding to simple expressions; writing using learned vocabulary; introduction to Spanish-speaking cultures
- Fine Arts Exploratory
    - Concert Band 05102G1001
        - This is a novice level, designed for beginning music students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.
    - Theatre 05077G0707
        - This one credit course, proficient level, explores beginning theater. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theater communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theater.
    - Visual Arts 05187G0707
        - Through creating, producing and responding students will compare and relate the elements of art and principles of design by utilizing a variety of traditional media, digital media and multimedia projects. Emphasis will be placed on independent work and investigation through projects of personal interest. Students will explore techniques, styles, media, methods and procedures for creating works of visual arts. Students will

demonstrate higher technical proficiency while still developing self-confidence and refining motor skills. With guidance students will develop and apply criteria to works of art to make connections and understand historical relevance, contemporary issues, and self-reflection to their work and the work of others.

Grade 8

English Language Arts 01036G0808

- In Grade 8, students will analyze sources of reading span all subject areas, cultures, and formats as students begin to recognize the interconnectedness of their world. These texts also become sources for research. Students in the middle level begin to discern the validity and credibility of information, as well as the importance of employing that discernment in today's world. Students also learn the importance of citing their sources to acknowledge the work of other academics and to build their own credibility as researchers and writers. Writing in the middle grades becomes more rigorous as the emphasis on organization and textual evidence becomes a daily requirement. Writing is fostered and sustained by both shorter pieces of writing and longer, more challenging works. Students hone their vocabulary literacy by paying attention to connotative meanings, understanding their audience, and their academic and domain-specific vocabulary. They also continue to develop their language and grammar skills as they review foundational knowledge and build upon it with new concepts in their writing through reading, listening, writing, and speaking.

Reading Intervention Grade 7 01068G0000

- Remedial work in reading. Supports are provided in instruction and differentiated instruction is provided.

Mathematics

Math 8 02038G0808

- Students will know that there are numbers that are not rational, and approximate them by rational numbers; work with radicals and integer exponents; understand the connections among proportional relationships, lines, and linear equations; analyze and solve linear equations and pairs of simultaneous linear equations; define, evaluate, and compare functions; use functions to model relationships between quantities; understand congruence and similarity using physical models, transparencies, or geometry software; understand and apply the Pythagorean Theorem; solve real-world and mathematical problems involving volume of cylinders, cones, and spheres; and investigate patterns of association in bivariate data.

Algebra I 02052E1000

- Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways

in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9th grade.

Math Intervention Grade 8 02996G0000

- Remedial work in Math. Supports are provided in instruction and differentiated instruction is provided.

Social Studies- World History to 1500 04051G0808

- Chronological history of the world: survey of early and classical civilizations; world expansion of agrarian and commercial civilizations from beginnings to 1500.

Physical Science 03011G0808

- Physical Science progression of knowledge and understanding from earlier grades of the core ideas to include the composition and properties of matter; examining forces and predicting and developing explanations for changes in motion; the conservation of energy, energy transformations, and applications of energy to everyday life; and types and properties of waves and the use of waves in communication devices with the integration of science and engineering practices and crosscutting concepts from the science framework.

Electives

- Physical Education 08037G0707
    - Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics
- Spanish 24050G0707
    - Listening, speaking, reading, and writing skills involving familiar topics; understanding and responding to simple expressions; writing using learned vocabulary; introduction to Spanish-speaking cultures
- Fine Arts Exploratory
    - Concert Band 05102G1001
        - This is a novice level, designed for beginning music students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.
    - Theatre 05077G0707
        - This one credit course, proficient level, explores beginning theater. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theater communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theater.
    - Visual Arts 05187G0707
        - Through creating, producing and responding students will compare and relate the elements of art and principles of design by utilizing a variety of traditional media, digital media and multimedia projects. Emphasis will be

placed on independent work and investigation through projects of personal interest. Students will explore techniques, styles, media, methods and procedures for creating works of visual arts. Students will demonstrate higher technical proficiency while still developing self-confidence and refining motor skills. With guidance students will develop and apply criteria to works of art to make connections and understand historical relevance, contemporary issues, and self-reflection to their work and the work of others.

High School

ENGLISH

English 9 01001G10

This course focuses on English Language Arts skills, such as writing, speaking, and listening, that are necessary for students to be successful in high school and beyond, with an emphasis on analyzing and interpreting informational and literary texts. Students will develop reading sills through an emphasis on early world literature including *Romeo and Juliet*.

Honors English 9 01001H1000

Recommended prerequisite: B average in 8th grade English

Students who take Honors English 9 are expected to take Honors or Dual Enrollment English in 10th, 11th, and 12th grades. This course is designed for students who have above average abilities in grammar, composition, and reading. This course is more rigorous than English 9. The content of this course includes faster coverage of grammar skills and more advanced composition techniques. Students will be asked to read works in addition to the regular curriculum. Analysis, synthesis, critical thinking and application will be stressed.

English 10 01002G10

English 10 students will build on the skills learned in English 9. Students will be exposed to a variety of texts that will help in advancing their critical thinking, comprehensive, and application skills. Students will be expected to take part in whole-class, group, and individual assignments. Students will combine these skills to produce projects, presentations, and a research paper. This course will assist students in further developing the reading, writing, and listening skills necessary for college and career readiness.

Honors English 10 01002H1000

Recommended prerequisite: B average in 9th grade English

Local districts develop an enriched course which dives deeper into the content knowledge of context through a multicultural diversity of text and types of text, and it provides and extension of the regular grade course work in relation to expression and reception. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR

GRADUATION

English 11 01003G10

This course focuses on developing the skills necessary to comprehend, analyze, and communicate, both orally and in writing, the themes that emerge through a survey of American literature (fiction and nonfiction) reflected in various genres such as the novel, short story, drama, poetry, and nonfiction essay and biography. This course provides the student with various aspects of communication involving grammar and standard practices in speaking and writing (paragraphs, themes, and research papers). Students will write in-class frequently.

Honors English 11

English 12 01004G10

In this course, students review basic areas of British literature: reading, speaking and listening, language, and vocabulary. In addition, they are given the opportunity to progress toward the more elaborate means of oral and written communication and toward a better understanding of carefully selected nonfiction literature, informational texts, plays, novel, and poetry.

Dual Enrollment English Composition I and II (11th and 12th grade only) 22999C1005

Prerequisites: *****It is strongly recommended by JSCC that students have a minimum cumulative grade point average of 3.0 to take Dual Enrollment courses. Students with at least a 2.5 cumulative GPA may be considered upon the recommendation of the counselor and the principal. All students who will be in 12th grade must submit an ACT score with their Dual Enrollment application or they will be required to go to JSCC to take a placement test prior to beginning of their first class.

Students registering for this course will earn high school credit for English and will complete six semester hours of college credit in English Composition I and II through a dual enrollment agreement with Jefferson State Community College. The curricula for these courses are interlaced in order to meet all of the requirements for each course component. Dual Enrollment English 12 is designed for the student with above average abilities in English.

English Composition I (ENG101) provides instruction and practice in the writing of at least six extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English COmposition I includes instruction and practice in library usage and computer usage. *Successful completion of this course will earn the student high school course credit for English 11.*

English Composition II (ENG 102) provides instruction and practice in the writing of six formal essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage and computer research. *Successful completion of this course will earn the student the high school course credit for English 12.*

English for Speakers of Other Languages 7-12 01008G1000

This code applies to English for Speakers of Other Languages (ESOL) teachers who provide core English language development classes/courses at the secondary level (Grades 7-12). These teachers are responsible for ensuring English Language Learners (ELLs) acquire academic language and communicative competence through the implementation of the World-class Instructional Design and Assessment-English Language Proficiency (WIDA-ELP) Standards.

MATHEMATICS

The Alabama State Department of Education has adopted a new Mathematics Course of Study which was fully implemented beginning in the 2021-2022 school year. For a flow chart of the math course progressions beginning in 7th grade, please see Appendix 1 at the end of this curriculum guide.

*** Students must be enrolled in a mathematics course each year of high school

Geometry and Data Analysis 02073G10

In Geometry with Data Analysis, students will build upon their understanding of geometric relationships and begin formulating mathematical arguments. There is a strong emphasis on reasoning and proof throughout the course as students will learn to write formal proofs to support their solutions. Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles: triangles and trigonometry, quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three dimensional solids, descriptive statistics; and data and mathematical modeling.

Honors Geometry with Data Analysis 02073H1000

Honors Geometry is the study of two and three dimensional figures, coordinate geometry, transformations, and properties and theorems related to lines, circles and triangles. Spatial sense and inductive reasoning and deductive reasoning are developed. Honors Geometry enhances the development of visual and spatial sense and reasoning skills. Technology is also incorporated into instruction as a means of improving reasoning abilities. In this course, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. Geometry with Data Analysis is a graduation requirement for all students. Honors Geometry with Data Analysis is for students who excel in math.

Algebra I with Probability 02052G10

Algebra I with Probability is designed to build upon algebraic concepts studied in the middle grades It teaches students the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Emphasis is placed on functions: linear, absolute value, quadratic, and exponential; functions as explicit and recursive functions. Students will be taught the following properties of algebra to simplify expressions and solve equations; factoring, completing the square, rules of powers, and radicals. Since graphing is an important part of Algebra I with Probability, students will find points of intersection to solve equations and transform graphs of functions through translation, reflection, rotation, and dilation. Probability will also be covered in this course which will enhance students' ability to organize information and improve decision-making. Some of the probability topics include: quantitative literacy, visualizing and summarizing data, and conditional probabilities. This course serves as the cornerstone for all high school mathematics courses.

Honors Algebra I with Probability 02052H1000

Honors Algebra I with Statistics builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Honors Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7

Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Honors Algebra I with Probability concurrently with Geometry with Data Analysis in the 9th grade.

Algebra II with Statistics 02056G1000

Prerequisites: Geometry with Data Analysis and Algebra I with Probability

Algebra II with Statistics builds on the students' expectations in previous mathematics courses. It is the third of three required MAth courses, and it is to be taken following Geometry and Algebra I. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the students' interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications for Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit.

Honors Algebra II with Statistics 02056H1000

Prerequisites: Honors Geometry with Data Analysis and Honors Algebra I with Probability

Honors Algebra II with Statistics builds on the students' expectations in previous mathematics courses. It is the third of three required MAth courses, and it is to be taken following Geometry and Algebra I. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the students' interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications for Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit. This course is for students who excel in math.

Precalculus 02110G1000

Prerequisite: Algebra II with Statistics

NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION

Precalculus is designed primarily for students considering arrears in mathematical or scientific fields of study. Following successful completion of Algebra II this course includes the expanded study of polynomial functions, conic sections and logarithmic and exponential equations, and real-life applications of these topics.

Honors Precalculus 02110H1000

NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. Precalculus is a course designed for students who have successfully completed the Algebra II with Statistics course. This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include the appropriate use of technology to facilitate continued development of students' higher-order thinking skills.

Applications of Finite Mathematics 02136G1000

Applications of Finite Mathematics was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. Applications of

Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society. The prerequisite for Applications of Finite Mathematics is Algebra II with Statistics. Note: Students may not receive credit for both Applications of Finite Mathematics and Discrete Mathematics, as Applications of Finite Mathematics includes mathematics content that also appears in the Discrete Mathematics course.

Honors Applications of Finite Mathematics 02136H1000

Applications of Finite Mathematics was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. Applications of Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real-world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society. The prerequisite for Applications of Finite Mathematics is Algebra II with Statistics. Note: Students may not receive credit for both Applications of Finite Mathematics and Discrete Mathematics, as Applications of Finite Mathematics includes mathematics content that also appears in the Discrete Mathematics course.

SCIENCES

Biology 03051G1000

Increasing depth of understanding of life science standards from earlier grades to include the integration of engineering design, with a focus on crosscutting concepts, science and engineering practices; and patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.

Honors Biology 03051H1000

Advanced engagement and sense-making to develop an increasing depth of understanding of life science standards from earlier grades to include advanced engagement and sense-making the integration of engineering design, with a focus on crosscutting concepts, science and engineering practices; and patterns, processes, and interactions among living organisms including structures

and processes, ecosystems, heredity, and unity and diversity.

Physical Science 03159G1000
NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Conceptual progression of understanding and knowledge of physical science standards from earlier grades with engineering design integration and focus on crosscutting concepts, science and engineering practices; and the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.

Honors Physical Science 03159H1000

NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Advanced engagement and sensemaking to build a conceptual progression of understanding and knowledge of physical science standards from earlier grades with engineering design integration and focus on crosscutting concepts, science and engineering practices; and the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.

Chemistry 03101G1000
NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. In-depth and progression of understanding and knowledge of the properties and interactions of matter including matter and its interactions, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life with a focus on the application of biology, earth science, environmental science, and physiology to the study of chemistry. Includes the integration of engineering design, crosscutting concepts, and science and engineering practices from the science framework.

Honors Chemistry 03101H1000
NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Advanced level in-depth and progression of understanding and knowledge of the properties and interactions of matter including matter and its interactions, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life with a focus on the application of biology, earth science, environmental science, and physiology to the study of chemistry. Includes the integration of engineering design, crosscutting concepts, and science and engineering practices from the science framework.

Human Anatomy and Physiology 03053G1000
NOTE: DOES NOT FULFILL THE BIOLOGY OR PHYSICAL SCIENCE GRADUATION REQUIREMENT. Study of structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in organisms; how personal choices, environmental factors, and genetic factors affect the human body.

Honors Human Anatomy and Physiology 030531000
NOTE: DOES NOT FULFILL THE BIOLOGY OR PHYSICAL SCIENCE GRADUATION

REQUIREMENT. Advanced level study of the structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in organisms; how personal choices, environmental factors, and genetic factors affect the human body.

Physics 03151G1000

NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Detailed understanding and knowledge of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes.

Honor Physics 03151H1000

NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Advanced level detailed exploration of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes.

SOCIAL STUDIES

World History 04053G1000

Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present

Honors World History 04053H1000

Advanced work in the chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present

US History I 04102G1000

Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events

Honors US History I 04102H1000

Advanced work in the chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events

US History II 04103G1000

Chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events

Dual Enrollment US History 201/202

Fee: Tuition to JSCC of approximately $492 per class

Prerequisites: B average in previous social studies courses is recommended; cumulative GPA of 3.0 strongly suggested and a minimum of 2.5 required with permission of counselor and principal. Continued enrollment in HIS202 requires a final grade of C or higher in HIS201

Students registering for this course may earn high school credit for US History I and/or US History II and complete a total of six semester hours of college credit in those subjects through a dual enrollment agreement with JSCC. The curricula for these courses are interlaced in order to meet all of the requirements for each course component. Dual Enrollment US History is designed for the student with above average abilities and study skills. Students are required to pay the college tuition for these courses at summer registration and in January.

United States History I (HIS201) surveys United States history during colonial, revolutionary, early national, and antebellum periods. It concludes with the Civil War and Reconstruction. *Successful completion of this course will earn the student the high school course credit for US History I*

United States History II (HIS202) is a continuation of HIS201. It surveys United States history from the Reconstruction era to the present. *Successful completion of this course will earn the student the high school course credit for US History II*

US Government and Economics 04151G0500/ 04201G0500

Government- Origins, functions, and branches of U. S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy

Economics- Basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U. S. banking system; role of Federal Reserve Bank

ELECTIVES

Theatre I 05052G1001

This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre.

Theatre II 05052G1002 (This course will be for students who don't want to participate in competitions)

PREREQUISITE: INTRODUCTION TO THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will use their acting to refine their theatre and technical technique. Students will study the history of theatre and perform solo, duo and group theatre works.

Theatre III 05052G1003 This is an auditioned class for students participating in our One Act and theatre competitions

PREREQUISITE: THEATRE II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Students will

demonstrate concepts and skills on how theatre communicates ideas and allows for self-expression. Students will use their acting talent to refine theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study, write and/or perform scenes and monologues. Students will further study the history of theater and technical theatre.

Musical Theatre I 05060G1001

This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to explore musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

Musical Theatre II 05060G1002

PREREQUISITE: INTRODUCTION TO MUSICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will continue to use their acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

Mythology 01069G1000

NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION. Study of Greece and Rome; Egypt and Mesopotamia; China, Japan, and India; mythologies and fables

Horror 01099G1000

NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION. This ELA elective will explore the themes of the hidden self, forbidden love, playing god, mental illness and many more through the genre of Horror. Will will delve into novels such as Frankenstein, Dr. Jekyll and Mr. Hyde, The Sandman, and The Haunting of Hill House. Additionally, we will explore excerpts from Dracula, Never Whistle at Night, Beloved, and other short stories. The Culminating Fouce Project will be a narrative work the students will create that will be in the horror genre.

High School Chorus 05110G1001

This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection

Visual Arts I 05154G1001

This one credit course, novice level, it is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production

and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

Visual Arts II 05154G1002

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, it is the second of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study of foundations in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

Sculpture 05158G1002

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how sculpture communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized

Orchestra I 05104G1001

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Concert Band II 05102G1002

PREREQUISITE: INTRODUCTION TO CONCERT BAND OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing

and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Concert Band III 05102G1003

PREREQUISITE: CONCERT BAND II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts

Concert Band IV 05102G1004

PREREQUISITE: CONCERT BAND LEVEL III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a concert band setting. This level is designed to extend studentsâ€™ technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

Elements of Art Literacy 05151G1000

This half credit course will provide instruction on the basic elements of art and principles of design of visual arts. Students will explore how to create and produce visual arts products, relating and connecting them to historical, current and personal events. Students will have an introduction to history of visual arts, and appropriate use of the visual arts medium.

Printmaking 05161G1002

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of printmaking. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how printmaking communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the printmaking studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary printmaking process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

Introduction to Television Productions 11051G1015

A one-credit course that provides students with knowledge of television production skills and operations. Students participate in classroom and laboratory experiences in television performance, production, and operations. A school-based television studio is required for this

course.

Advanced Television Production 11051G1055
A one-credit course that provides students with opportunities to create and market video productions. The prerequisite courses for Advanced Television Production are Introduction to Television Production and a minimum of one additional Television Production course which includes Television Production,Writing, Producing, and Performing; Television Production Studio Operations; or Television Production Photography and Editing. A school-based television studio is required for this course.

School Publications 11104X1000
Assisting in production/maintenance of school publications, e.g., Yearbook, Newspaper, E-papers, Web site maintenance, Newsletter.

The Pulp Video Projects 11149G1001
Students will get hands-on experience in video production by working on special projects. Those special projects will include videos for Hispanic Heritage, Black History Month, Autism Acceptance Month and much more. The videos produced by students will play during the school's morning show, The Pulp.

Introduction to Social Media 11149G1001
Students will learn about the different forms of social media. In this class, they will help in creating content for the school's social media accounts. That will give them hands-on experience in creating content that best suits different social media platforms. Students will also learn the benefits and possible dangers of using social media.

Study Hall 12th grade only 22006X1000
Supervised Independent Study

Library Aide- by permission of Ms. Eddings only 22051X1000
Supervised student assistance, e.g., Teacher Aide, Office Aide, Lab Assistant.

Beginning Kinesiology- 9th grade and student who don't have a PE credit ONLY
NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION. Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses.

Advanced Kinesiology 08017G1001
Elective course that covers the knowledge base of kinesiology, the importance of physical activity in daily life, and the different career paths associated with a degree in kinesiology. This class is for students who wish to pursue a career as a physical education teacher, athletic, trainer, physical therapist, personal trainer, movement-related research specialist, or other careers related to health, fitness, and sports. Prerequisite: Beginning Kinesiology

Career Preparedness 22153G1000

Career Preparedness focuses on three integrated areas of instruction: academic planning and career development, financial literacy, and technology. Course content includes college and career preparation, computer literacy skills, and personal finance. Technology topics are interwoven throughout course instruction. These standards are designed to provide a strong foundation for student acquisition of the skills, attitudes, and knowledge that enable them to achieve success in school, at work, and across the life span. Other topics addressed in Career Preparedness are business and industry, continuing education, and lifelong learning. Partnerships and alliances between educational institutions, governmental entities and employers can support these standards and connect students to potential career opportunities. The required 20-hour online experience can be met by successfully completing both Career Preparedness A and Career Preparedness B.

Health 08051G0500

This is a half-credit course which is required for graduation. It is recommended that students take this course in Grade 10.

Power, Justice, and Community 04064G1000

This is a project-based humanities elective that invites students to explore connections between historical events, civil rights movements around the world, and their own experiences. In the course, students will read (and watch) a diverse set of fiction and non-fiction texts related to fighting injustice, building community, and creating new worlds. Students will also have the opportunity to learn from guest speakers (activists, scholars, artists, politicians) who will discuss their work rooted in community and justice. Throughout the year, students will complete reflections and assignments grounded in creativity, self-expression, and critical analysis. During the first semester, the class will select and partner with a grassroots Birmingham organization to learn more about local community organizing. During the second semester, students will engage in a collaborative creative project based on students' experiences, interests, and community needs.

Spanish I 24052G1000

Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures

Spanish II 24053G1000

Listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Spanish-speaking cultures

Spanish III 24054G1000

Listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of Spanish-speaking cultures

Early Release (Seniors Only) 22996x10ac

Prerequisite: 12th graders on track to graduate who meet specific criteria- must have their own transportation

The senior must be on track to graduate in the current school year, have a GPA of 2.0 or above, be employed or engaged in an outside academic program (dual enrollment), and must attend school regularly and exhibit appropriate behavior. Students, with proof of all requirements and approval by parents or guardians, are allowed to enroll in this class and leave campus for the last period of the day. This privilege may be revoked at any time if students are failing one or more classes.

Introduction to Computer Sciences-TEALS 10012G1002

Introduction to Computer Science - TEALS is a one-credit engaging course that explores a variety of basic computational thinking and programming concepts through a project-based learning environment. Every unit culminates in a comprehensive project and roughly 75% of student time is spent building projects and practicing the skills they are learning.

Appendix 1: Magic City Acceptance Academy Mathematics Pathway (updated for the 2019 Alabama Course of Study: Mathematics

Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Grade 7 Math	Grade 8 Math	Geometry	Algebra I	Algebra II	Precalculus **OR** Finite Math **OR** Computer Science-TEALS
Accelerated Grade 7 Math	Algebra I	Geometry	Algebra II	Precalculus	Calculus
Accelerated Grade 7 Math	Algebra I	Geometry	Algebra II	Precalculus **OR** Finite Math **OR** Computer Science-TEALS	Calculus **OR** Finite Math **OR** Computer Science-TEALS