

Mountain Brook Junior High



Grade 9 Course Selection Guide

2018-2019
MOUNTAIN BROOK JUNIOR HIGH
205 OVERBROOK ROAD
MOUNTAIN BROOK, ALABAMA 35213
OFFICE: 871-3516 GUIDANCE OFFICE: 877-8346

All students in 9th grade will be enrolled in the following courses: English, social studies, math, science, and electives. Since course selection is based on pre-registration, please read the course descriptions carefully and make a firm commitment to the courses marked on the course selection form. A student may request a schedule change through **June 6th**. The schedule change form can be found online or picked up in the in the counseling office. A parent signature is required and a \$25 processing fee is charged for all changes after **June 6th**. All courses, including alternates, listed on the course selection sheet will be scheduled in priority order. Students will receive a copy of their schedule at summer registration. They will receive a **FINAL** copy on the first day of school.

Course selection sheets are due back to AO teachers by March 1.

ENGLISH

ENGLISH 9 (Year)

English 9 is a high school course taken by the majority of freshmen, which focuses on the study of literature, informational texts, writing, grammar, and vocabulary. Students read a variety of genres including short stories, novels, plays, and poetry, and student continue to practice and enhance their active reading skills. Student engagement with the texts continues to enhance students' critical thinking and literary analysis. Teachers select novels to enhance the curriculum beyond the provided textbook. Students continue to explore more critical, interpretive meanings of the texts they read, and students begin to explore different ways to read texts. Students in 9th grade English are assessed in a variety of ways, including formal essays, which require textual support and evidence. Students write argumentative, descriptive, narrative, and expository essays that continue to focus on formal, academic standards. Students review fundamentals of English grammar with a shift toward practical application in writing. This course prepares students for work in high school English courses.

ENGLISH 9 - Advanced (Year)

English 9 Advanced is an advanced high school course for ninth graders: this course helps students to become more critical readers and more reflective writers. The following requirements are considered for placement: any available assessment data, class participation and performance results (which includes grades), work ethic and teacher recommendations. This course is designed to build on students' skills from 7th and 8th grade English courses. Students read texts that require active reading strategies such as annotating, note-taking, and reflecting. Students who are successful in this course enjoy reading challenging fiction and non-fiction texts and are committed to becoming more critical readers. Success in 9th Advanced English requires considerable aptitude and a strong work ethic. Through their writing students explore advanced grammar and usage techniques. Students' compositions focus on formal, academic writing, including critical analysis, meaningful research and responsible documentation. Students also practice writing different pieces of different lengths for different purposes. This course prepares students for work at the advanced and AP levels in high school. *Recommendation made by school.*

MATH

ALGEBRA I (Year)

Grade 9

Algebra I is a high school level course for students who successfully completed Pre-Algebra 8 or Advanced Pre-Algebra 7. The course follows a traditional algebra curriculum, which consists of, but are not limited to: performing operations with numerical expressions while using properties of real numbers and order of operations, factoring polynomials, factoring algebraic expressions, analyzing linear functions from equations, slopes, and intercepts, solving multi-step equations and inequalities, quadratic functions, and analyzing data and probability. This course also deepens conceptual understanding though the Standards of Mathematical Practice.

GEOMETRY (Year)

Prerequisite: Algebra I or Advanced Algebra I

Geometry is the formal development of geometric skills and concepts. The course includes consistent use of algebra to reinforce the skills and concepts developed in Algebra I. Problem-solving skills and logical reasoning are emphasized throughout the course. Topics include, but are not limited to, space geometry, geometric constructions, coordinate geometry, parallel and perpendicular lines, properties of triangles, quadrilaterals, polygons, and circles, congruence and similarity, right triangle trigonometry, area, and volume, transformations, modeling, and probability. Technology is regularly used to enhance the students' understanding of topics. This course also deepens conceptual understanding through the Standards of Mathematical Practice.

GEOMETRY- ADVANCED (Year)

Prerequisite: Advanced Algebra I or Advanced Algebra I (Math Team)

Advanced Geometry is the formal development of geometric skills and concepts designed for students that enjoy thinking critically about mathematical concepts. The course is designed to be a more intensive study of the topics covered in Geometry. The course includes consistent use of algebra to reinforce the skills and concepts developed in Algebra I. Students work at an accelerated pace on the following concepts: space geometry, geometric constructions, coordinate geometry, parallel and perpendicular lines, properties of triangles, quadrilaterals, polygons, and circles, congruence and similarity, right triangle trigonometry, area, volume, transformations, modeling, and probability. Students are expected to apply all skills learned through different forms of critical thinking and writing. Technology is regularly used to enhance the students' understanding of topics. This course also deepens conceptual understanding through the Standards of Mathematical Practice. *Recommendation made by school.*

GEOMETRY- ADVANCED (MATH TEAM) (Year)

Prerequisite: Advanced Algebra I or Advanced Algebra I (Math Team)

Advanced Geometry (Math Team) is the formal development of geometric skills and concepts designed for students that are enthusiastic about math and desire to experience math outside of school. This is an advanced high school course for freshmen who have completed Algebra I and enjoy thinking critically about mathematics concepts. The course is designed to be a more intensive study of the topics covered in Geometry. The course includes consistent use of algebra to reinforce the skills and concepts developed in Algebra I. Students work at an accelerated pace on the following concepts: space geometry, geometric constructions, coordinate geometry, parallel and perpendicular lines, properties of triangles, quadrilaterals, polygons, and circles, congruence and similarity, right triangle trigonometry, area, volume, transformations, modeling, and probability. Students are expected to apply all skills learned through different forms of critical thinking and writing. Technology is regularly used to enhance the students' understanding of topics. Students are required to complete supplemental "math team" coursework that goes beyond the geometry curriculum and are required to attend outside of school competitions. This course also deepens conceptual understanding through the Standards of Mathematical Practice. *Recommendation made by school.*

SCIENCE

BIOLOGY (Year)

Biology is a high school level course taken by the majority of freshmen. The curriculum includes study of the following concepts: basic biochemistry, cytology, genetics, evolution, ecology, and a survey of the six kingdoms of living things. Students develop laboratory skills and techniques through discovery-oriented experiments.

BIOLOGY-ADVANCED (Year)

Advanced Biology is an advanced high school course for freshmen. The following requirements are considered for placement: any available assessments, current grades, work ethic and teacher recommendation. The curriculum includes study of the following concepts: basic biochemistry, cytology, genetics, evolution, ecology, and a survey of the six kingdoms of living things. Students develop laboratory skills and techniques through discovery-oriented experiments. The course content is similar to that of regular biology, but involves a more in-depth study of the concepts in order to continue development of critical reading, thinking, and scientific writing skills. This course is geared for students who plan to take any of the Advanced Placement Science courses at the high school.

Recommendation made by school.

SOCIAL STUDIES

WORLD HISTORY II (Year)

World History II is a high school survey course is taken by the majority of freshmen and covers World History from 1500 to the present. Content standards for this grade incorporate the strands of economics, geography, history, and political science. This curriculum provides opportunities for students to analyze development and changes in the European, Asian, African, and American civilizations and ways in which the interactions of these cultures have influenced the formation of today's world.

WORLD HISTORY II-ADVANCED (Year)

This is an advanced high school course for freshmen. The following requirements are considered for placement: available assessment data, current grades, work ethic and teacher recommendation. This high school survey course covers world history from 1500 to the present. It uses a more in-depth study of the same World History II curricular concepts to continue the development of critical reading, thinking, and writing skills. This course is geared for students who plan to take any of the Social Studies Advanced Placement courses at the high school. The ability to read critically and write is an important part of a student's success in this class. *Recommendation made by school.*

WORLD LANGUAGES

FRENCH I (Year-Each Course) (Year)

French I is designed to give students the basics for using French appropriately in real-life situations, to build reading and writing skills, and to develop an appreciation of the culture and civilization of the Francophone world. Students taking this course as 8th graders are expected to take higher-level French courses in the future.

FRENCH II (Year)

Prerequisite: French I or Advanced French I

French I, II begin the development of a foundation in listening, speaking, reading, and writing French. The goal of this sequence of courses is to enable students to use French appropriately in real-life situations and to teach and develop an appreciation of the culture and civilization of the Francophone world. The courses progressively build language skills and regularly review material previously learned in order to help the student achieve a high level of proficiency.

FRENCH II- ADVANCED (Year)

Prerequisite: French I and Teacher Recommendation

This is a Pre-AP course in which students will learn at an accelerated rate oral proficiency, reading, writing, listening, pronunciation, culture and the study of correct grammar and idiomatic usage will be stressed.

LATIN I (Year)

Latin Level I content standards provide students the framework to begin the study of a foundational language and the culture in which it originated. Basic pronunciation, grammar, vocabulary, and culture are included. Acquiring knowledge and skills at Level I also helps students to understand the English language and to use it more effectively. Upon completion of Level I, a student's proficiency level may range from Novice Low to Novice Mid in the Interpersonal mode, Novice High to Intermediate Low in the Interpretive mode, and Novice Mid in the Presentational mode.

LATIN II (Year)

Prerequisite: Latin I

In Latin Level II, students build upon what they have learned in Level I, and begin more advanced study of Roman like, history, and mythology. Level II includes the study of advance grammar, an expansion of students' Latin vocabulary, and the reading of authentic Roman writers. As student's progress from adapted to authentic texts, they deepen and expand their familiarity and knowledge of the ancient world. Successful completion of Level I is a prerequisite for enrollment in Level II.

LATIN II – ADVANCED (Year)

Prerequisite: Latin I and Teacher Recommendation

While the course of study standards in regular and advanced Latin Level II are the same, students in the advanced-level class will have a different learning experience. There is an expectation that comprehension and proficiency will be more profound. Students will use higher level thinking skills as they explore the content and more abstract thinking will be necessary. Students in the advanced class may be required to complete more work outside of class than in the regular class. Assessments may be more complex and may require that the student make connections and organize thoughts more efficiently

SPANISH I (Year)

Spanish I provides a basic foundation in the four language skills--reading, writing, listening, and speaking--with special emphasis on the communicative skills. Basic grammar and vocabulary are taught in the context of cultural and practical knowledge content areas. Authentic audio, video and print texts are integrated into the curriculum, thereby enriching listening and speaking ability.

SPANISH II (Year)

Prerequisite: Spanish I

Spanish II continues the development of communicative skills with increased emphasis on grammar study. Reading for comprehension and writing skills in the context of cultural studies are also included.

SPANISH II – ADVANCED (Year)

Prerequisite: Spanish I and Teacher Recommendation

Advanced Spanish II is designed for selected students who are expected to comprehend the grammar at a faster rate, to demonstrate a more advanced level of oral competency, and to be able to retain the material learned in the first level of the language. While the course of study standards are the same, students in advanced-level classes will have a different learning experience. There is an expectation that comprehension and proficiency will be more profound. Students will use higher level thinking skills as they explore the content and more abstract thinking will be necessary. Students in advanced classes are often required to complete more work outside of class than in a regular class. Assessments will be more complex and will require that the student make connections and organize thoughts more efficiently.

YEARLY ELECTIVES

FINE ARTS

PERFORMING

BAND, BEGINNING (7, 8, 9)

Beginning band is designed for the beginning instrumental music student. Throughout the four artistic processes, students will work to develop characteristic tone quality on one of the following band instruments: Flute, Oboe, Clarinet, Saxophone, Bassoon, Trumpet, Horn, Trombone, Baritone, Tuba, Percussion. Students will work to develop the following musical concepts: tone quality, timbre, rhythm, melody, harmony, form, and expression. Participation in all performances is required. *This course fulfills 1.0 credits of the Fine Arts diploma requirement for graduation.*

Band, Symphonic (8, 9)

Prerequisite: Beginning Band, Concert Band, or director's approval

Symphonic band is an advanced level band course designed for students with two or more year of experience in band. Students will expand their abilities to create a characteristic tone quality and demonstrate a wider range of musical expression. Throughout the four artistic processes, students will perform, create, read/write, and listen/respond/evaluate while employing the following musical concepts: timbre, rhythm, melody, harmony, form, and expression on an advanced level. Symphonic band performs regularly at concerts, competitive music festivals, selected pep rallies, and a few home football games each year. Participation in all performances is required. *This course fulfills 1.0 credits of the Fine Arts diploma requirement for graduation.*

CHOIR JH (YEAR)

Choir is designed for students who are eager to explore choral music instruction. Emphasis is placed on the fundamentals of singing and the fundamentals of music theory. They are exposed to various musical styles and cultures. The MBJH Choir is a performing group. Participation in all performances is required. *This course fulfills 1.0 credits of the Fine Arts diploma requirement for graduation*

CHOIR JH, HONORS (YEAR)

Prerequisite: JH Choir, Glee Club or Audition

Honors Choir an advanced, performing choir for MBJH students. Sight-singing abilities and music theory are strengthened, enabling students to proficiently perform two- and three-part literature in treble and bass clef. Students continue to sing a varied repertoire of music, including selections in two languages. Participation in all performances is required. *This course fulfills 1.0 credits of the Fine Arts diploma requirement for graduation*

THEATRE ARTS I (Year)

*** Meets at Mountain Brook High School from 2:29-3:19 PM**

Theatre Arts I is a yearlong course introducing students to the art of theatre, methods of acting, eras of theatre history and even some fundamentals of technical theatre. Emphasis is placed upon critical thinking, self-actualization, observation, vocal and physical work. Students learn through creative, hands-on projects as well as individual and group activities. Class activities include improvisation, movement, monologues, scene work, pantomime, script analysis and character development. Students are expected to demonstrate what they have learned in a variety of ways, including performing their work in class. Students are also encouraged to participate in theatre competition. *This course fulfills 1.0 credits of the Fine Arts diploma requirement for graduation.*

OTHER ELECTIVES

PLTW AUTOMATION and ROBOTICS II TEAM (Year)

Prerequisite: Robotics

Students are tasked with designing, building and programming a robot to play against other teams from around the world in a game-based engineering challenge. STEM concepts are put to the test on the playing field as students focus on lifelong skills in teamwork, leadership and communication. Students will be required to maintain an engineering notebook, perform research and present on a STEM theme and complete online and virtual world challenges.

SPEECH and DEBATE TEAM (YEAR)

Prerequisite: Introduction to Speech and Debate

This is a rigorous course that allows students who have completed the introductory speech and debate course to further develop critical thinking skills through competition. Students will work as a team to advocate a plan or policy action to solve a current international crisis. Members of this course will join the National Forensics League, an honor society that provides the topics that will be debated. Students will apply logical reasoning and critical thinking as they grow their knowledge of current events, politics, and philosophy, through the practice of sound research and refutation. Tournament participation is required, and it does involve costs.

AP HUMAN GEOGRAPHY (Year)

Grade 9

AP Human Geography is a year-long elective course. Students will have the opportunity to earn AP credit upon successful completion of the course material. Human Geography explores the relationships between place and culture. Topics include Perspectives in Geography, Population, Migration, Cultural Patterns and Processes, Political Organization of Space, Agriculture, Food Production, Rural Land Use, Industrialization, Economic Development, Cities and Urban Land Use. Students should have a strong interest in world topics and current events. In the spring students are expected to attend study sessions in preparation for the Advanced Placement exam administered in May.

INSTRUCTIONAL SUPPORT ELECTIVES

ACADEMIC SKILLS 9 (Year)

Academic Skills 9 course is designed for students who need assistance in organization, time management skills and addresses the academic needs of the student. Parents, students, and academic support teachers work together as a team. Recommendation is determined by a student's grades and teacher recommendations. Students are re-evaluated at the end of each grading period to determine eligibility. *Recommendation made by school.*

MATH LAB 9 (Year)

Math Lab 9 is a math specific support class designed to close the gap on these specific through research-based strategies and programs. *Recommendation made by school.*

MATH SKILLS 9 (Year)

Math skills 9 is a support class designed to meet the needs of Algebra I students. The focus is on re-teaching daily math concepts. *Recommendation made by school.*

READING LAB 9 (Year)

Reading Lab 9 is a reading support class designed to develop reading skills, with an emphasis on reading comprehension across all content. The focus of the course is on re-teaching reading concepts through additional research-based strategies. Our goal is for our students to close the gap on these specific deficits and move out of the intervention. *Recommendation made by school*

RESOURCE LAB 9(YEAR)

Resource Lab 9 provides remediation of academic material in the student's course content areas. In addition to one-on-one remediation, students are assisted with specific learning strategies, time management, and advocacy skills. Students in this course must have an **Individual Education Plan**.

SEMESTER ELECTIVES

CAREER TECH ELECTIVES

CAREER PREPAREDNESS – A (SEMESTER)

A one-half credit course that is taught in grades 8-12. The course prepares students with knowledge and skills in the areas of career development, academic planning and computer skill application. This course is a prerequisite to Career Preparedness-B. The required 20-hour online experience can be met by successfully completing both Career Preparedness A and Career Preparedness B. *Upon passing, the student receives the required ½ Elective Credit towards graduation*

CAREER PREPAREDNESS – B (SEMESTER)

Prerequisite: Career Preparedness - A

A one-half credit course that is taught in grades 9-12. The course prepares students with knowledge and skills in the areas of career development, academic planning and financial literacy. The prerequisite for this course is Career Preparedness-A. The required 20-hour online experience can be met by successfully completing both Career Preparedness A and Career Preparedness B. *Upon passing, the student receives the required ½ Elective Credit towards graduation*

ENGINEERING ROBOTICS (SEMESTER)

Foundations of Engineering-Robotics is a high school level course that is appropriate for students who are interested in exploring robotics. The major focus of the Foundations of Engineering-Robotics course is to expose students to the design process, research and analysis, teamwork, communication methods and technical documentation. Foundations of Engineering-Robotics gives students the opportunity to develop skills and understanding of course concepts through a project based learning model and competition robotics. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community through their engineer's notebook and competition robotics.

FOUNDATIONS OF ENGINEERING (DESIGN and Modeling) (SEMESTER)

Foundations of Engineering-Design and Modeling is an academic elective that *challenges* students to apply the engineering design process to solve real-world problems. Working individually and in teams, students learn the fundamentals of sketching and dimensioning. They also brainstorm to create innovative solutions using 3-D models and computer programs. Students are required to maintain a digital engineering notebook.

ENERGY AND ENVIRONMENT (Design and modeling II)

Prerequisite: Design and Modeling

The Environmental Engineering and Architecture course is an academic elective that will challenge students to build structures that support sustainability and ecological design. Using the engineering design process students invent and model new solutions to the global challenges of resource depletion and environmental degradation resulting from current development practices. They will explore and develop sustainable architecture, minimizing the negative impact of buildings by enhancing efficiency and supporting moderation in the use of materials, energy, and space.

APP CREATORS (SEMESTER)

Students will discover the principles of this fast-growing field by focusing on creativity and an iterative design process as they create their own basic apps using MIT App Inventor.

INNOVATORS AND MAKERS (SEMESTER)

Students continue to explore the fundamentals of the stimulating career path of computer science. They venture into text programming through Python and, in the final problem develop an app to crowd source and analyze data on a topic of their interest.

INTRODUCTION TO MEDICAL PROFESSIONS

Requirement: Application

Introduction to Medical Professions (formerly Medical Detectives) is a student driven academic elective that explores medical and scientific professions. Students research and design innovative solutions to current problems in medicine and apply critical thinking skills to explain their thought processes. Possible units include, but are not limited to, Forensics, Anatomy and Physiology, Infectious Disease and Pandemics, and Genetic Disorders. Possible activities include dissections, simulations, labs, research, and field trips. A completed application is required for possible admittance to the course.

FINE ARTS

MEDIA ARTS I (SEMESTER)

Media Arts I is art work created with the use of technology. Students build skills necessary to problem solve and prepare purposeful media products for presentation. Students are given the opportunity to connect their personal growth, history, community culture, and learning through broadcasting in media arts.. The class focuses on the ethical use of media arts and development of writing skills, storyboarding videography skills, deadlines and presentations. *This course fulfills 1/2 credit of the Fine Arts diploma requirement for graduation*

PERFORMING

CHOIR JH (SEMESTER)

JH Choir is a performance based class for beginning music students. Through the four artistic processes of creating, performing, responding and connecting, students work to develop the following musical concepts: proper tone, music theory, note reading, following a choral score, singing in 2-3 parts, and an introduction to sight singing. Participation in all performances is required. *This course fulfills 1/2 credit of the Fine Arts diploma requirement for graduation.*

CHOIR JH, HONORS (SEMESTER)

Requirement: JH Choir, Glee Club or Audition

Honor Choir is a performance based class for music students. Students must audition or have prior approval from the teacher. The class is open to 8th and 9th grades. Throughout the four artistic processes, students will build on the following musical concepts: proper tone, music theory, note reading, following a choral score, singing in 2-4 parts with a focus on sight singing. The class helps to prepare students for further musical study at the high school. *This course fulfills 1/2 credit of the Fine Arts diploma requirement for graduation.*

VISUAL

ART I (SEMESTER)

Art I is offered to 9th grade students who are interested in the visual arts. In this course, students will refine and advance their skills as well as gain a deeper understanding of the building block of visual art by learning to manipulate the elements of art and the principles of design through the use of a variety of processes, techniques, and media. *This course fulfills 1/2 credit of the Fine Arts diploma requirement for graduation.*

ART I-A (SPRING SEMESTER)

Grade 9

Prerequisite: Art I

Art I – A is designed for serious art students who are interested in advancing their artistic skills as well as building a portfolio of work. This course continues with more advanced techniques of a variety of art media and art forms. Emphasis is placed on understanding how to communicate concepts and intentions through manipulation of subject matter, organizational components, media, and processes as well as exploring art criticism and analysis of their own works of art and the art of others. *This course fulfills 1/2 credit of the Fine Arts diploma requirement for graduation.*

OTHER ELECTIVES

CREATIVE WRITING JH (SEMESTER)

Creative Writing course is designed for 7th-9th graders who enjoy writing and desire the opportunity to write poetry, short stories, advertisements, personal narratives, and reviews. Students will become authors by publishing a book of autobiographical essays on their life. Students will have the opportunity to work on their own writing projects or to join a web based writing project. Emphasis in the course is on the process and product.

HEALTH-OLE (SEMESTER)

Health utilizes Canvas and other forms of technology to fulfill the state department requirements for an on-line experience. It is a combination of direct teacher instruction and on-line learning. This course teaches CPR, first aid, nutrition, exercise, and abstinence from drugs, alcohol, and smoking. *Upon passing, the student receives the required ½ Health Credit towards graduation.*

JOURNALISM/YEARBOOK JH (SEMESTER)

This course is designed for highly-motivated and independent students to complete and publish the MBJH yearbook. This includes planning the yearbook, designing pages, copy writing, taking pictures, and editing. The students will work with “Monarch”, an online site that uses Indesign® and Photoshop®. The course may be repeated the following year. Scheduling priority is given to 9th graders.

READING (SEMESTER)

Reading is designed for reading experiences that incorporate both fiction and non-fiction reading in addition to honing skills for guided inquiry. Students have opportunities to self-select novels to read and share with their classmates through book talks and other forms of presentations.

PHYSICAL EDUCATION ELECTIVES

PE: ATHLETICS JH (Semester)

Grade 9 This course is designed for students who participate in a school sponsored varsity or in some cases junior varsity sport that meets at Mountain Brook High School from 2:29-3:19 PM. **Approval of the coach is required.*

PE WEIGHT TRAINING JH (Semester)

Grade 9

This course is designed for football players who want to continue weight training during the off season. This course meets at Mountain Brook High School at 7:30 AM.

NOTICE OF NONDISCRIMINATION

It is the policy of the Mountain Brook Schools that no person within the district shall be excluded from participation in, denied the benefits of, or subject to discrimination on the basis of race, sex, color, religion, national origin, disability or age in any program, activity, or employment practice. The following persons have been designated to handle inquiries regarding the nondiscrimination policies: Dr. Dale Wisely—Director of Student Services (Title VI), Dr. Susan Cole—Personnel Director (Title IX), Dr. Missy Brooks—Director of Instruction (Title II), Mrs. Shannon Mundy—Special Education Director (Section 504) Contact Information: 32 Vine Street, Mountain Brook, AL 35213 (205) 871-4608

GRADE REPORTS

<i>MBHS GRADING SCALE</i>
A = 90-100
B = 80-89
C = 70-79
D = 65-69
F =Below 65

The MBS school year is divided into quarters.

Progress Reports and a current transcript can be viewed at any time through the INow Parent Home Portal.

GRADE AVERAGER FOR SEMESTER COURSES

1st Nine Weeks – 40%

2nd Nine Weeks – 40%

Semester Exam – 20%

Semester Course Average

3rd Nine Weeks – 40%

4th Nine Weeks – 40%

Semester Exam – 20%

Semester Course Average

GRADE POINT AVERAGE (GPA)

MBS calculates two GPAs. The unweighted GPA includes all courses a student has completed. The weighted GPA includes only academic courses and gives additional points for advanced or AP classes. Academic courses are listed on the following page. GPA's are available at the end of each semester and final GPA is computed at the end of 8 semesters. Both the weighted and unweighted GPAs are included on a student's transcript.

The courses listed on the next page will be used to compute weighted grade point average (GPA). On the weighted 100 point numerical system, ten points are added to final grades earned in AP classes; five points are added to final grades earned in advanced classes. (Example: English AP=90. This grade of 90 will appear on the transcript as the raw and unweighted grade. The computer will add ten points to the grade so that it will be computed as 100. English Advanced=90. The computer will add five points so that it will be computed as 95, but once again, the raw, unweighted grade of 90 will appear on the transcript). An extra point will be added on the 4.0 scale for AP courses, and 0.5 point will be added on the 4.0 scale for advanced courses for college application purposes.

A=5.0 (AP)	B=4.0 (AP)	C=3.0 (AP)	D=1.0 (AP)
A=4.5 (Adv)	B=3.5 (Adv)	C=2.5 (Adv)	D=1.0 (Adv)
A=4.0 (Reg)	B=3.0 (Reg)	C=2.0 (Reg)	D=1.0 (Reg)

Students who plan to attend highly selective or competitive colleges are encouraged to challenge themselves with a rigorous curriculum consisting of Advanced and AP courses according to their ability. Completion of these courses is a significant factor in the college admissions decision.

If you have any further questions regarding GPA, please see a counselor.

COURSES USED IN COMPUTATION OF WEIGHTED GPA

English

English 9,10,11,12 (Reg, Adv, AP)
Creative Writing
Forensics
Public Speaking
Women's Literature
Writing Enhancement

Social Studies

World History 1500 to the Present (Reg, Adv.)
U.S. History to 1877 (Reg, Adv.)
U.S. History 1877 to the Present
U.S. History AP
United States Government (Reg, AP)
Economics (Reg, AP)
Psychology
Critical Film Studies
Humanities
Contemporary Issues
Twentieth Century World Affairs
European History AP
AP Human Geography
World Geography
AP Comparative Governments

Math

Algebra I
*Algebra I-A/*Algebra I-B
Algebra II (seniors only)
Algebra II with Trigonometry(Reg, Adv)
*Algebraic Connections
Geometry (Reg, Adv)
PreCalculus (Reg, Adv)
Discrete Math
Statistics (AP)
Calculus (Reg, AP-AB, AP-BC)

Based on **NCAA regulations** the following courses would **NOT** be considered academic:

English

Debate/Forensics
Reading
Journalism

Social Studies

Critical Film Studies

Fine Arts

This includes all Art, Band,
Choral, Photography, and Theatre
classes.

Other

Test Preparation
TV Production
Classical Mythology

Science

Anatomy & Physiology (Reg, Adv)
Biology (Reg, Adv, AP)
Chemistry (Reg, Adv, AP)
Earth and Space
Physics (Reg AP-C, AP Physics I, AP Physics II)
Environmental Science (Reg, AP)
Physical Science
Forensic Science
Zoology

Foreign Languages

All foreign languages (Reg, Adv, AP)

Fine Arts

Art AP

Professional Studies

Management Principles
Accounting Principles
Advanced Accounting
Business Law
Business Finance
Computer Science Principles
AP Computer Science A

Other Elective

Ancient Philosophy
Classical Mythology

Professional

Accounting Principles
Advanced Accounting
Business Law
Management Principles
Business Technology I & II
Personal & Business Finance
Career Focus
Career Co-op

A student who is interested in participating in college athletics should see the college advisor regarding details of high school course requirements and NCAA application early in the high school career. *Please be advised that the NCAA only grants ½ credit each for Algebra I-A, Algebra I-B, and Algebraic Connections.

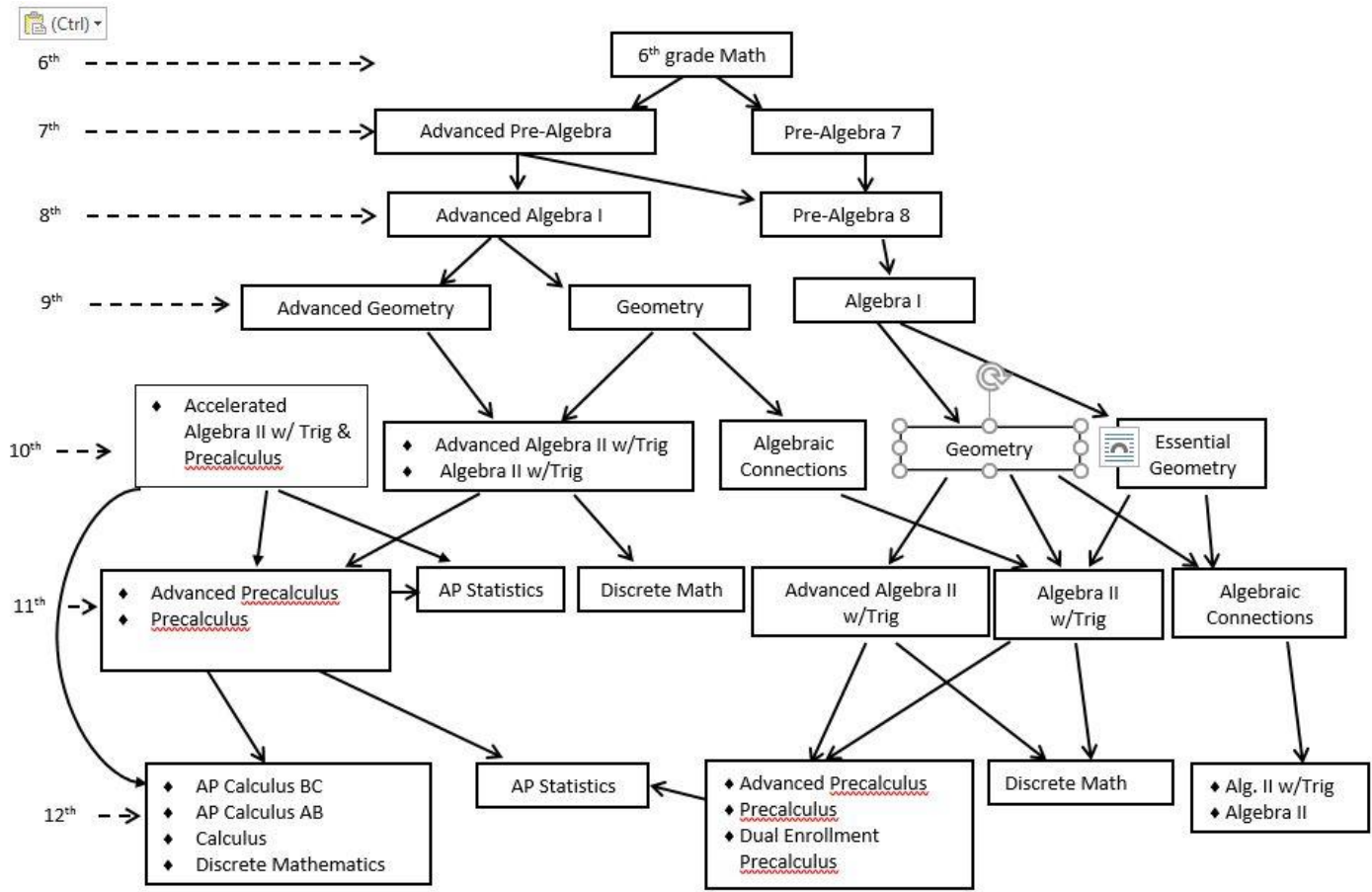
MOUNTAIN BROOK CITY SCHOOLS
ATHLETIC AND EXTRACURRICULAR ELIGIBILITY POLICY

The Mountain Brook Board of Education recognizes the value of athletics and other extracurricular activities as they relate to the total education of students. The Mountain Brook Board of Education also recognizes and supports high academic standards and the necessity of developing a framework to annually assess each athletic and extracurricular student's progress toward graduating from high school on schedule with his/her class.

The Mountain Brook Board of Education prescribes the following regulations for eligibility by students to participate in athletics and/or extracurricular activities:

1. Each student entering grades 10, 11, and 12 must have passed during the last two semesters in attendance and summer school, if applicable, at least six (6) Carnegie units of credit, including one credit each in English, science, social studies, and mathematics (core courses). A composite numerical average of 70 must be attained in those six subjects.
Each student entering grades 8 and 9 must have passed during the last two semesters in attendance and summer school, if applicable, at least five (5) new subjects with a composite numerical average of 70 in those five subjects.
2. Physical education may count as only one (1) unit per year.
3. No more than two (2) Carnegie units may be made up during summer school. Summer school work may substitute for regular school work failed in computing the 70 average.
 - Eligibility may be determined before the start of each new school year or at the beginning of the second semester. A student who is academically eligible at the beginning of the school year remains eligible for the remainder of that school year so far as grades are concerned. A student who regains eligibility at the beginning of the second semester remains eligible for the remainder of the second semester.
5. Each eligible student must meet the definition of a regular student as defined by the Alabama High School Athletic Association. To be eligible, 9th, 10th, and 11th grade students must be carrying at least six new units. 12th graders on track for graduation with more than the required number of units earned must be carrying at least four new units for the year. 7th and 8th graders must be carrying at least five new subjects.
6. This policy applies to all athletic and extracurricular activities.

Students deemed ineligible for participation under rules of this policy may continue in coursework but shall not be allowed to participate in extracurricular activities or athletic events. Events (examples only) such as club conventions, Christmas parade, amusement park trips, and competitions, trips by tour companies, performances at various meetings, etc. are extracurricular and students academically ineligible under this policy shall not be allowed to participate.



2017-2018 Math Flow Chart

Science Curriculum Flowchart Grades 9-12 with Math Requirements

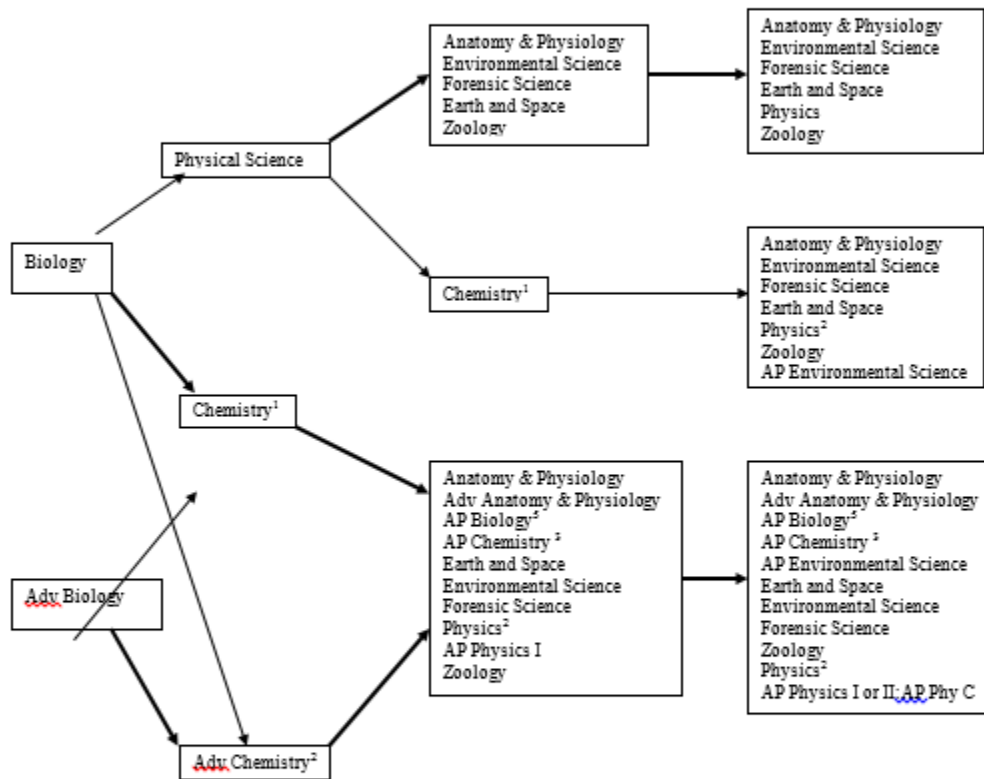
(See Course Selection Guide for specific requirements/prerequisites.)

9th Grade

10th Grade

11th Grade

12th Grade



Math Requirements

- ¹ Completed Algebra I
- ² Completed or concurrently enrolled in Algebra II w/Trig
- ³ Completed or concurrently enrolled in Pre-calculus
- ⁴ Completed or concurrently enrolled in AP Calculus B/
- ⁵ Strong math background required

Group 1

- Anatomy & Physiology
- All Chemistry
- Biology
- Physics
- All ADV & AP classes

Group 2

- Physical Science
- Environmental Science
- Forensic Science
- Earth and Space
- Zoology

MB Diploma Options

	Advanced with Honors	Advanced	Standard
Math	4 Alg I, Geo, Alg II with Trig, Precalculus or Discrete Math or beyond	4 Alg I, Geo, Alg. II with Trig Plus one additional	4 Alg I, Geo, Algebraic Connections, Alg II
Science	4 All Group 1- Bio and Chem or Physics Plus two additional	4 3-Group 1 1-Group 1 or 2 Bio and Chem or Physics Plus two additional	4 Bio and a Physical Science Plus two additional
English	4	4	4
Social Studies	4	4	4
Foreign Lang (FL)	3 -Same Language	2 - Same Language	0*
CTE/FL/Fine Arts (3 total credits required)	0	1	3
Fine Art	1	1	-
Career Prep A & B	1	1	1
PE Life	1	1	1
Health	0.5	0.5	0.5
Electives	2.5	2.5	2.5
Total Credits	25	25	24

***Many colleges require at least one year of Foreign Language**

Parent Placement Form

Student Name: _____

Grade for School Year 2018-2019 _____

Recommended Course: _____

Parent Place Course: _____

The parents of the above named student choose to change the placement recommendation of Mountain Brook Junior High.

We, the parents, understand that our child is not recommended for the course listed above and would like to change the recommended placement. We are also aware that once my child has been parent placed into a different class, no schedule changes will occur until the end of the First Nine Weeks. If a schedule change occurs at the end of the First Nine Weeks, all grades from the parent placed class will transfer with the student.

Parent Signature

Date

Counselor's/Administrator's / Teacher's Signature

Date

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Mountain Brook Junior High Summer School 2018

Please return all registration forms, along with payment, to guidance office by **May 31, 2018**. The cost of each course is \$200.00

Dates of Summer School Term:

Session 1 - June 4-22, 2018

Session 2 – June 25-July 20, 2018

- No summer school 7/2-7/6

Daily Schedule:

7:30 a.m. – Class Begins

9:30 a.m. – 9:45 a.m. First Break

11:00 a.m. – 11:10 a.m. – Second Break

12:30 p.m. – End of School Day

Traditional Credit Recovery and Traditional Advancement Summer School

Program Attendance and Completion

- Students should be in attendance each day class is scheduled.
- All rules and regulations listed in the student handbook apply to summer school. Students failing to adhere to behavior guidelines may be dismissed from the summer school program.
- The grading scale applies to traditional summer school.

Credit Recovery Summer School

Program Attendance and Completion

Mountain Brook Junior High will operate a summer Credit Recovery Program for those who did not pass Spanish, Alg I and/or Biology in 9th grade. Students failing to master the required standards in core academic classes have the opportunity to attend our summer school to recover that credit. A self-paced online format, along with live instruction and support, will be utilized. When students complete the program and demonstrate mastery in the assigned area, they will receive the appropriate grade-level credit. Because the program is self-paced, some students may finish before the end of a term, while others may need to attend more than one term.

- Students should be in attendance each day class is scheduled throughout their self-paced online format.
- All rules and regulations listed in the student handbook apply to summer school. Students failing to adhere to behavior guidelines may be dismissed from the summer school program.
- Per state guidelines, Credit Recovery grades for 9th grade courses cannot exceed a 70. **(All athletes need to take traditional summer school)**

Sharon Lyerly – 9th grade counselor – lyerlys@mtnbrook.k12.al.us

Casey Lancaster – 8th grade counselor – lancasterc@mtnbrook.k12.al.us

Jana Lee – 7th grade counselor – leej@mtnbrook.k12.al.us

Brook Gibbons – Academic Assistant Principal – gibbonsb@mtnbrook.k12.al.us

Traditional and Credit Recovery Options for Summer School 2018--SESSION 1

Alg I (First and/or Second Semester) -- Traditional Summer School

Alg I (First and/or Second Semester) -- Credit Recovery

- **Session Dates:** June 4 – June 22, 2018
- The Alg I class will meet from 7:30 a.m. to 12:30 p.m.

Biology (First and/or Second Semester) -- Traditional Summer School

Biology (First and/or Second Semester) -- Credit Recovery

- **Session Dates:** June 4 – June 22, 2018
- The Biology class will meet from 7:30 a.m. to 12:30 p.m.

Spanish (First and/or Second Semester) -- Traditional Summer School

Spanish (First and/or Second Semester) -- Credit Recovery

- **Session Dates:** June 4 – June 22, 2018
- The Spanish class will meet from 7:30 a.m. to 12:30 p.m.

Career Prep A -- Traditional Summer School *Advancement*

A minimum registration of 15 students will be needed for the course to make. Classes will be capped at 25 students.

- **Session Dates:** June 4 – June 22, 2018
 - **Class Dates:**
 - Tuesday 6/5 – Thursday 6/7
 - Tuesday 6/12- Thursday 6/14
 - Tuesday 6/19 – Wednesday 6/20 (Exam Day)
 - Students will need to be in attendance for those 8 days.
- The Career Prep A class will meet from 7:30 a.m. to 12:30 p.m

Career Prep B -- Traditional Summer School *Advancement*

A minimum registration of 15 students will be needed for the course to make. Classes will be capped at 25 students.

- **Session Dates:** June 4 – June 22, 2017
 - **Class Dates:**
 - Tuesday 6/5 – Thursday 6/7
 - Tuesday 6/12- Thursday 6/14
 - Tuesday 6/19 – Wednesday 6/20 (Exam Day)
 - Students will need to be in attendance for those 8 days.
- The Career Prep B class will meet from 7:30 a.m. to 12:30 p.m

Health -- Traditional Summer School *Advancement*

A minimum registration of 15 students will be needed for the course to make. Classes will be capped at 25 students.

- **Session Dates:** June 4 – June 22, 2018
- **Class Meeting Dates:** Monday 6/4, Monday 6/18, Friday 6/22 (Exam Day)
 - Student will need to be in attendance for those three days
- The Health class will meet from 7:30 a.m. to 12:30 p.m.

SESSION 2

Alg I (First and/or Second Semester) -- Traditional Summer School

Alg I (First and/or Second Semester) -- Credit Recovery

- **Session Dates:** June 25– July 20, 2018 (No class 7/2-7/6)
- The Alg I class will meet from 7:30 a.m. to 12:30 p.m.

Biology (First and/or Second Semester) -- Traditional Summer School

Biology (First and/or Second Semester) -- Credit Recovery

- **Session Dates:** June 25 – July 20, 2018 (No class 7/2-7/6)
- The Biology class will meet from 7:30 a.m. to 12:30 p.m.

Spanish (First and/or Second Semester) -- Traditional Summer School

Spanish (First and/or Second Semester) -- Credit Recovery

Session Dates: June 25 – July 20, 2018 (No class 7/2-7/6)

The Spanish class will meet from 7:30 a.m. to 12:30 p.m

Career Prep B -- Traditional Summer School Advancement

A minimum registration of 15 students will be needed for the course to make. Classes will be capped at 25 students.

- **Session Dates:** June 25 – July 20, 2018
 - **Class Dates:**
 - Tuesday 6/26 – Thursday 6/28
 - Wednesday 7/11- Thursday 7/12
 - Tuesday 7/17 – Thursday 7/19 (Exam Day)
 - Students will need to be in attendance for those 8 days.
- The Career Prep B class will meet from 7:30 a.m. to 12:30 p.m

Health -- Traditional Summer School Advancement

A minimum registration of 15 students will be needed for the courses to make. Classes will be capped at 25 students.

- **Session Dates:** June 25 – July 20, 2018
 - **Class Dates:** Monday 6/25, Monday 7/16, Friday 7/20 (Exam Day)
 - Student will need to be in attendance for those three days
- The Health class will meet from 7:30 a.m. to 12:30 p.m.

Mountain Brook Junior High 2018 Summer School Registration Form

Name of Student _____

Home Address _____

Phone # _____ Current Grade (2015-2016) _____

Parent/Guardian(s) Name _____ Home Ph. # _____

Work Ph.# _____

Cell # _____

Email contact information: _____

Medical Information Allergies: _____

Medical Conditions: _____

Medications: _____

In case of emergency, do you give the school system permission to have your child treated?

Yes _____ No _____

Insurance Co. _____ Policy # _____

Name and phone numbers of emergency persons to call:

- | | | |
|----------|-------------|---------------------------|
| 1. _____ | Ph.# _____ | Relation to Student _____ |
| 2. _____ | Ph. # _____ | Relation to Student _____ |
| 3. _____ | Ph.# _____ | Relation to Student _____ |

Check out information: List the name of individuals who may pick up your child other than parents:

1. _____ Relation to student _____
2. _____ Relation to student _____
4. _____ Relation to student _____

We understand and agree to follow the Mountain Brook Junior High Student Handbook rules, regulations, and will follow behavior and attendance policies in summer school sessions. We realize that failure to comply with such rules and regulations could result in dismissal from the summer school program with a forfeiture of tuition paid.

Student Signature

Parent Signature

Date

Summer School Course Registration Check Sheet

Name: _____ Grade: _____ Session: _____

We request the following advancement courses:

Courses	Session
Health	
Career Prep A	
Career Prep B	

We request the following traditional credit recovery courses

Courses	1st Session	2nd Session
Algebra I		
Biology		
Spanish		

We request the following credit recovery courses:

Courses	1st Session	2nd Session
Algebra I		
Biology		
Spanish		

Counselor / Principal Signature

Parent Signature

Date

Introduction to Medical Professions Application

The Introduction to Medical Professions (formerly Medical Detectives) course is an academic elective that provides an overview of Medical and Scientific Professions driven by student interest. Possible topics include but are not limited to Forensics, Anatomy and Physiology, Infectious Disease and Pandemics, and Genetic Disorders. Activities include (but are not limited to) dissections, simulations, labs, research, and field trips.

Name: _____

Math class currently enrolled in: _____

First semester average in math: _____

Current science teacher: _____

First semester average in science: _____

Please answer the following questions in complete sentences.

1. Why do you want to take this class?
2. Identify at least one of your strengths and at least one of your weaknesses academically.
3. What can you contribute to the class?
4. Why do you think that it is important for all members of a group to contribute equally?

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MEDIA ART I BROADCASTING Application

On a separate sheet of paper, **preferably typed**, list the following:

- Name
- Tell something unique about yourself!
- Your reasons for wanting to take Broadcasting
- Your strengths and why these strengths will help you in Broadcasting
- Tell me about your work ethic and give an example of a time when being a hard worker came in handy.
- List one creative idea that could be used for the weekly show.

Please be thorough. I like to read lots of good stuff about you!!

Please turn application into Mrs. Gibbons in the Broadcasting room by May, 21st 2018.

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