# Mountain Brook Junior High

# Grade 8
# Course Selection Guide
# 2017-2018

Updated: 2/2/2017

**2017-2018**
**MOUNTAIN BROOK JUNIOR HIGH**
**205 OVERBROOK ROAD**
**MOUNTAIN BROOK, ALABAMA 35213**
**OFFICE: 871-3516 GUIDANCE OFFICE: 877-8346**

All students in 8th grade will be enrolled in the following courses: English, social studies, math, science, PE, 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 February 21st**.

## DESCRIPTION OF COURSES

## ENGLISH

### ENGLISH 8

English 8 provides for the study of writing, grammar, vocabulary, and literature. Students read a variety of literary genres such as short stories, novels, plays, myths, poetry, and students continue to practice and enhance their active reading skills. Student engagement with the texts continues to focus on critical thinking and literary analysis. Selected novels enhance the curriculum beyond the textbook provided. In addition, students focus on reading for information in non-fiction texts. Students will write at least three full-length, formal, academic essays that focus on argumentation, description, and literary analysis. The theme throughout 8th grade is "The Hero's Journey," with much of the literature read in the classroom relating to this theme.

### ENGLISH 8 ADVANCED

English 8 Advanced is an advanced course designed to prepare students for the advanced 9th curriculum. The following requirements are considered for placement: ACT Aspire reading and English scores, Global Scholar scores, current grades, work ethic and teacher recommendation. This course is designed at a higher level of academic rigor. The curriculum includes basic grammar skill, as well as more advanced usage techniques. In addition, students study more complex literary works analyze these works to a deeper level. Writing for this course is focused on formal, academic writing which includes accurate and responsible documentation. *Recommendation made by school.*

## MATH

### PRE-ALGEBRA 8

Pre-Algebra 8 is the second year of a two -year course in pre-algebra. The curriculum addresses the 8th grade math standards. Concepts will include, but are not limited to number theory, laws of exponents, algebraic expressions, slope-intercept method, linear functions, Pythagorean Theorem, irregular and composite plane figures, data collection and analysis, and experimental and theoretical probability. This course also deepens conceptual understanding though the Standards of Mathematical Practice. Students completing this course will take Algebra I in the 9th grade.

### ALGEBRA I

**Grade 8 or 9**

**Prerequisite: Advanced Pre-Algebra 7**

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 through the Standards of Mathematical Practice. *The semester averages are calculated in the student's high school GPA. Upon passing Algebra I, the student receives a Carnegie Unit toward graduation.*

**ALGEBRA I ADVANCED**

**Prerequisite: Advanced Pre-Algebra 7 or Advanced Pre-Algebra 7 (Math Team)**

Algebra I Advanced is a high school level course for 8th grade students who successfully completed Advanced Pre-Algebra 7 or Advanced Pre-Algebra 7 (Math Team) and enjoy math. The following requirements are considered for placement: ACT Aspire math scores, Global Scholar scores, current grades, work ethic and teacher recommendation Since the course is advanced, an application-based, graphing approach and students are expected to apply skills at a high level of rigor. The concepts include but are not limited to, the following: 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. *The semester averages are calculated in the student's high school GPA. Upon passing Advanced Algebra I, the student receives a Carnegie Unit toward graduation. Recommendation made by school.*

**ALGEBRA I ADVANCED (Math Team)**

**Prerequisite: Advanced Pre-Algebra 7 or Advanced Pre-Algebra 7 (Math Team)**

This is a high school level course for 8th grade students who successfully completed Advanced Pre-Algebra 7 or Advanced Pre-Algebra 7 Math Team and who are enthusiastic about math and desire to experience math outside of school. The following requirements are considered for placement: ACT Aspire math scores, Global Scholar scores, math team placement test, current grades, work ethic and teacher recommendation This course utilizes an application-based, graphing approach and students are expected to apply skills at a high level of rigor. The concepts include but are not limited to, the following: 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. Students are required to complete supplemental "math team" coursework that goes beyond the Algebra curriculum and are required to attend outside of school competitions. This course also deepens conceptual understanding though the Standards of Mathematical Practice. *The semester averages are calculated in the student's high school GPA. Upon passing Advanced Algebra I, the student receives a Carnegie Unit toward graduation. Recommendation made by school.*

## SCIENCE

**SCIENCE 8**

Science 8 focuses on physical science. The scientific process is used throughout the year with students developing laboratory skills and techniques through discovery-oriented experiments. The curriculum includes the study of atoms and bonding, patterns of the periodic table, chemical reactions, Newton's laws of motion, the study of relationships between matter and energy, and mechanical and electromagnetic waves. The focus of this course is designed to prepare students for the physics and chemistry courses taken in high school.

## SOCIAL STUDIES

**WORLD HISTORY I**

World History I is a survey course is taken by 8th graders and covers world history from the beginning of time to the year 1500. Content standards for this grade incorporate the strands of economics, geography, history, and political science. The curriculum encompasses the migrations of early peoples, the rise of civilizations, the establishment of governments and religions, the growth of economic systems, and the ways in which these events shaped Europe, Asia, Africa, and the Americas. During 9th grade, these students will take World History II, which covers world history from 1500 to the present.

**WORLD HISTORY I ADVANCED**

This advanced course is designed to prepare students for the advanced 9th curriculum. The following requirements are considered for placement: ACT Aspire Reading scores, Global Scholar scores, current grades, work ethic and teacher recommendation. This class is designed to teach world history from the beginning of time to the year 1500. It is a more in-depth study of the concepts taught in regular World History I and is taught at a higher level of rigor. Content standards for this class incorporate the strands of economics, geography, history, and political science. The curriculum encompasses the migrations of early peoples, the rise of civilizations, the establishment of governments and religions, the growth of economic systems, and the ways in which these events shaped Europe, Asia, Africa, and the Americas. During 9th grade, these students will take World History II or World History II Advanced, which covers world history from 1500 to the present. *Recommendation made by school.*

## PHYSICAL EDUCATION

According to the Code of Alabama, 16-40-1, *daily physical education is required in Grades K-8. No exceptions, no substitutions.*

**P. E. Boys/ P. E. Girls**

Physical Education provides participation in a variety of team and individual sports with an emphasis on developing sports skills. Fitness and health principles are incorporated into the curriculum to build a foundation for lifetime fitness. Regulation gym suits are required and students are assigned P.E. lockers.

**P.E. Co-ed**

Physical Education Co-ed provides participation in a variety of team and individual sports with an emphasis on developing sports skills. Fitness and health principles are also incorporated into the curriculum to build a foundation for lifetime fitness. Regulation gym suits are required and students are assigned P.E. lockers. **This class meets from 7:15 AM to 7:50 AM daily.**

## WORLD LANGUAGES - (YEAR)

**FRENCH I**

French 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. *The semester averages are calculated into the student's high school GPA. Upon passing French I, the student receives a Carnegie Unit in Foreign Language towards graduation.*

**FRENCH I ADVANCED**

**Prerequisite: Immersion French**

This is an advanced course designed for students who excelled in Immersion French as a 7th grader. It builds on students understanding of the basics for using French appropriately in real-life situations, broadens reading and writing skills, and further develops an appreciation of the culture and civilization of the Francophone world. The higher level of rigor at which the material is presented allows students the opportunity for a broader and more in-depth course of study. Students taking this course as 8th graders are expected to take higher-level French courses in the future. *The semester averages are calculated into the student's high school GPA. Upon passing French I or Advanced French I, the student receives a Carnegie Unit in Foreign Language towards graduation. Recommendation made by school.*

**LATIN I**

Latin I is designed to teach grammar and vocabulary with an emphasis on Latin root meanings and English derivatives. Students are also exposed to Roman history, mythology, and culture. *The semester averages are calculated into the student's high school GPA. Upon passing Latin I, the student receives a Carnegie Unit in Foreign Language towards graduation.*

**LATIN I-B**

**Prerequisite: Latin 1-A**

Latin I-B is the second half of a traditional Latin I course for students who have successfully completed Latin I-A in the 7th grade. It is designed to deepen the understanding of grammar and vocabulary with an emphasis on Latin root meanings and English derivatives. Upon successful completion, students can progress to Latin II. *The semester averages are calculated into the student's high school GPA. Upon passing Latin I-B, the student receives a Carnegie Unit in Foreign Language towards graduation.*

**SPANISH I**
Spanish I provides a basic foundation in the four language skills--reading, writing, listening, and speaking--with special emphasis on the audio-lingual skills. Basic grammar and vocabulary are taught in the context of cultural and practical knowledge content areas. Students also apply geography skills pertaining to Spain and the Americas. Finally, authentic audio, video and print texts are integrated into the curriculum, thereby enriching listening and speaking ability. *The semester averages are calculated into the student's high school GPA. Upon passing Spanish I, the student receives a Carnegie Unit in Foreign Language towards graduation.*

**SPANISH I-B**
**Prerequisite: Spanish 1-A**
Spanish I-B is the second half of a traditional Spanish I course for students who have successfully completed Spanish I-A in the 7th grade. It is designed to deepen the foundation in the four language skills: reading, writing, listening, and speaking, with emphasis on the audio-lingual skills. Basic grammar and vocabulary are taught in the context of cultural and practical knowledge content areas. Upon successful completion, students can progress to Spanish II or Advanced Spanish II. *The semester averages are calculated into the student's high school GPA. Upon passing Spanish I-B, the student receives a Carnegie Unit in Foreign Language towards graduation.*

## YEARLY ELECTIVES

### INSTRUCTIONAL SUPPORT ELECTIVES

**ACADEMIC SKILLS 8 (YEAR)**
Academic Skills 8 is designed for students who need assistance in organization, time management skills and addresses the academic needs of the student. For maximum success, parents, students, and academic support teachers work together as a team. Recommendation is determined by a student's grades and teacher recommendations as to a student's overall needs. Students are re-evaluated at the end of each grading period to determine eligibility. *Per teacher recommendation and a Building Based Student Support Team decision, students achieving A's and B's will be automatically removed and placed into another elective for second semester. Recommendation made by school.*

**MATH LAB 8 (YEAR)**
Math Lab 8 is a math support class designed to close the gap on these specific deficits through research-based strategies and programs. *Recommendation made by school.*

**MATH SKILLS 8 (YEAR)**
Math skills 8 is a support class designed to meet the needs of prealgebra 8 students. The focus is on re-teaching daily math concepts. *Recommendation made by school.*

**READING SKILLS (YEAR)**
Reading Skills 8 is a 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. The goal is for students to close the gap on these specific deficits and move out of the intervention. *Recommendation made by school*

**RESOURCE LAB 8 (YEAR)**
Resource Lab 8 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. *Recommendation made by school.*

## PERFORMING ARTS ELECTIVES

**BAND, BEGINNING (YEAR)**
Beginning Band is designed for the beginning instrumental music student. Students will learn to produce sounds characteristic of the instrument and demonstrate the components essential to the production of characteristic tones. Students become well versed in the ability to count and sight-read rhythms. Participation in all performances is required.

**BAND, CONCERT (YEAR)**
**Prerequisite: Beginning Band or director's approval**
Concert Band is an intermediate level band course designed for students with one or more years' experience in band. Concert Band performs regularly at concerts, competitive music festivals, and selected pep rallies and athletic events. Participation in all performances is required.

**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. Students are exposed to various musical styles and cultures. The MBJH Choir is a performing group. Participation in all performances is required.

**CHOIR JH, HONORS (YEAR)**
**Requirement: JH Choir, Glee Club or Audition**
Honors Choir is 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. *Entrance is by audition.*

**DRAMA (YEAR)**
Drama is a year course designed for 8th and 9th grade students who want to perform on stage. Drama offers a variety of theatre experiences including monologues, improvisation, pantomime, history of theatre, duo scenes, a student-led one act skit, and a multi-act play. This class also includes the technical side of theater, such as lighting and sound, costuming and makeup, set design, and directing.

## OTHER ELECTIVES

**PLTW AUTOMATION and ROBOTICS II TEAM (YEAR)**
**Prerequisite: Design and Modeling**
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 them 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.

# 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 and 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 an elective ½ Carnegie Unit towards graduation.*

### PLTW DESIGN and MODELING (SEMESTER)
Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture, capturing research and ideas in their engineering notebooks. Using Autodesk® design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions. Students will also learn the fundamentals of prototyping using equipment such as 3d printers and laser cutters.

### PLTW AUTOMATION and ROBOTICS I (SEMESTER)
**Prerequisite: (DM) Design and Modeling**
Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

### INTRODUCTION TO COMPUTER SCIENCE 1 App Development (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.

### INTRODUCTION TO COMPUTER SCIENCE II for 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.

## PERFORMING ARTS ELECTIVES

### CHOIR JH (SEMESTER)
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. Students are exposed to various musical styles and cultures. The MBJH Choir is a performing group. Participation in all performances is required.

### CHOIR JH, HONORS (SEMESTER)
**Requirement: JH Choir, Glee Club, or Audition**
Honors Choir is 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. *Entrance is by audition.*

## VISUAL ARTS ELECTIVES

### ART FOUNDATIONS (SEMESTER)

Art Foundations is offered to 7th and 8th grade art students who are interested in advancing their knowledge in the visual arts. In this course, students will be introduced to the fundamentals of art by creating original works of art using a variety of media. Students will learn basic art vocabulary, techniques for drawing, painting, printmaking, ceramics, and sculpture, as well as basic concepts for building a strong composition. Art history, aesthetics, criticism and career opportunities are explored.

### INTRO TO ART (SEMESTER)

**Prerequisite: Art Foundations**

Intro to Art is offered to 8th Grade students who have completed Art Foundations and are interested in the visual arts. In this course, students will refine their skills, as well as begin and understanding of the building block of visual art through the use of a variety of processes, techniques, and media.

## OTHER ELECTIVES

### CREATIVE WRITING JH (SEMESTER)

Creative Writing 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.

### FILM PRODUCTION (SEMESTER)

Film Production is designed for students to develop a foundation in basic principles of communication, mass media, research, writing, and speaking. Students are responsible for producing short films and documentaries. Scheduling priority is given to 9th graders.

### INTRO TO SPEECH and DEBATE JH (SEMESTER)

An exploratory course that exposes 7th and 8th grade students to public speaking and debate events. Students will develop speaking skills by actively participating in classroom speeches and debates of varying types. Students in this course will be exposed to competitive speech and debate events, such as interpretation of literature, public forum debates, Lincoln Douglas debates, and team cross examination debate. Tournament participation and observations are encouraged, but not required. Introductory debate courses should be limited to first-year debate students.

### 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.

# GRADE REPORTS

| *MBHS GRADING SCALE* |
|---|
| 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 veiwed at any time through the INow Parent Home Portal.

## GRADE AVERAGER FOR SEMESTER COURSES

| | |
|---|---|
| 1st Nine Weeks – 40% | 3rd Nine Weeks – 40% |
| 2nd Nine Weeks – 40% | 4th Nine Weeks – 40% |
| Semester Exam – 20% | Semester Exam – 20% |
| **Semester Course Average** | **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)

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

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

Professional
Accounting Principles
Advanced Accounting
Business Law
Mangament 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

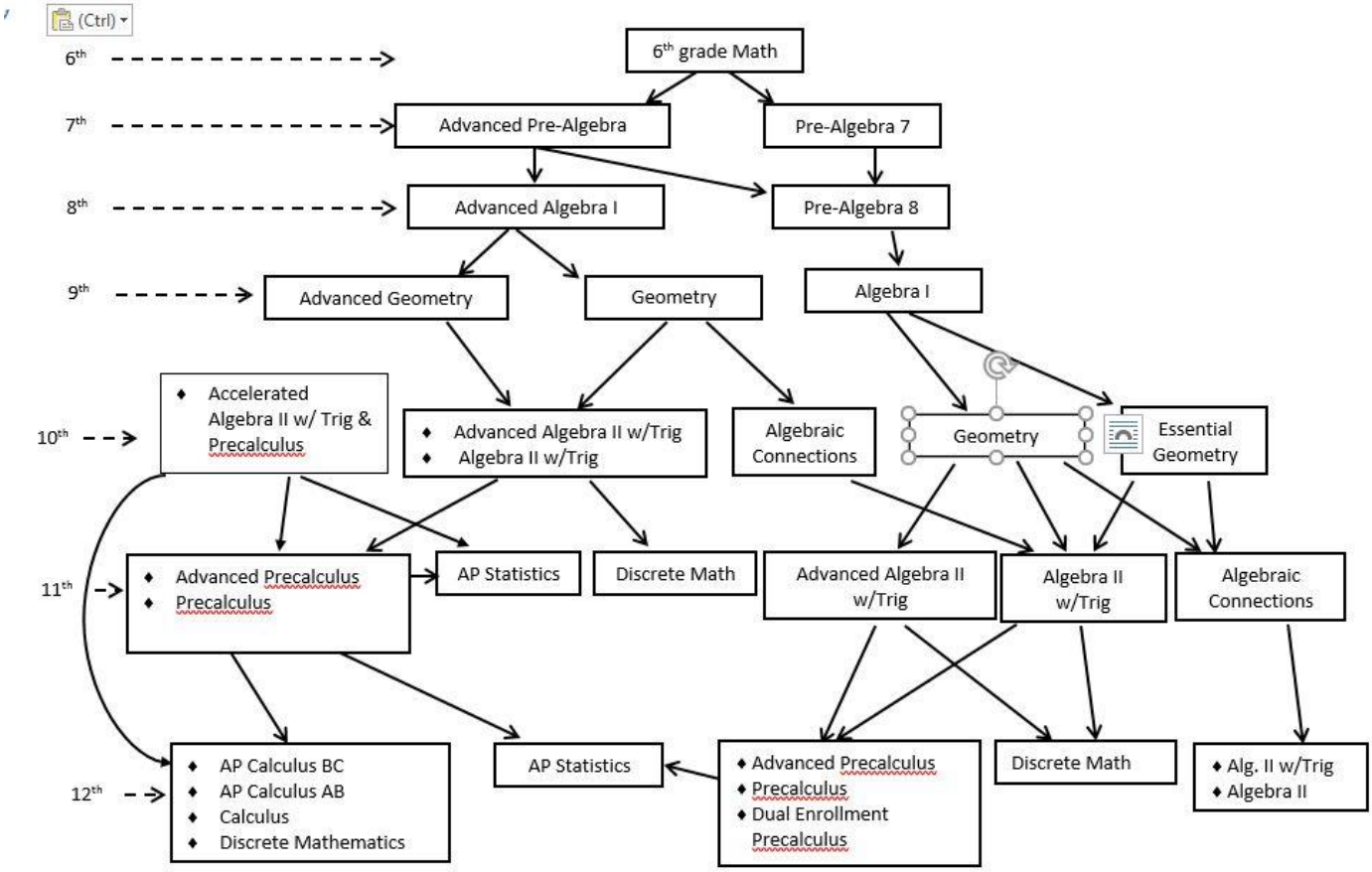
The Mountain Brook Board of Education recognizes the value of athletics and other extracurricular activities as they relate to the total education of students. The Mountain Brook Board of Education also recognizes and supports high academic standards and the necessity of developing a framework to annually 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 eligibiliity 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, $9^{th}$, $10^{th}$, and $11^{th}$ grade students must be carrying at least six new units. $12^{th}$ 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. $7^{th}$ and $8^{th}$ graders must be carrying at least five new subjects.
6. This policy applies to all athletic and extracurricular activities.

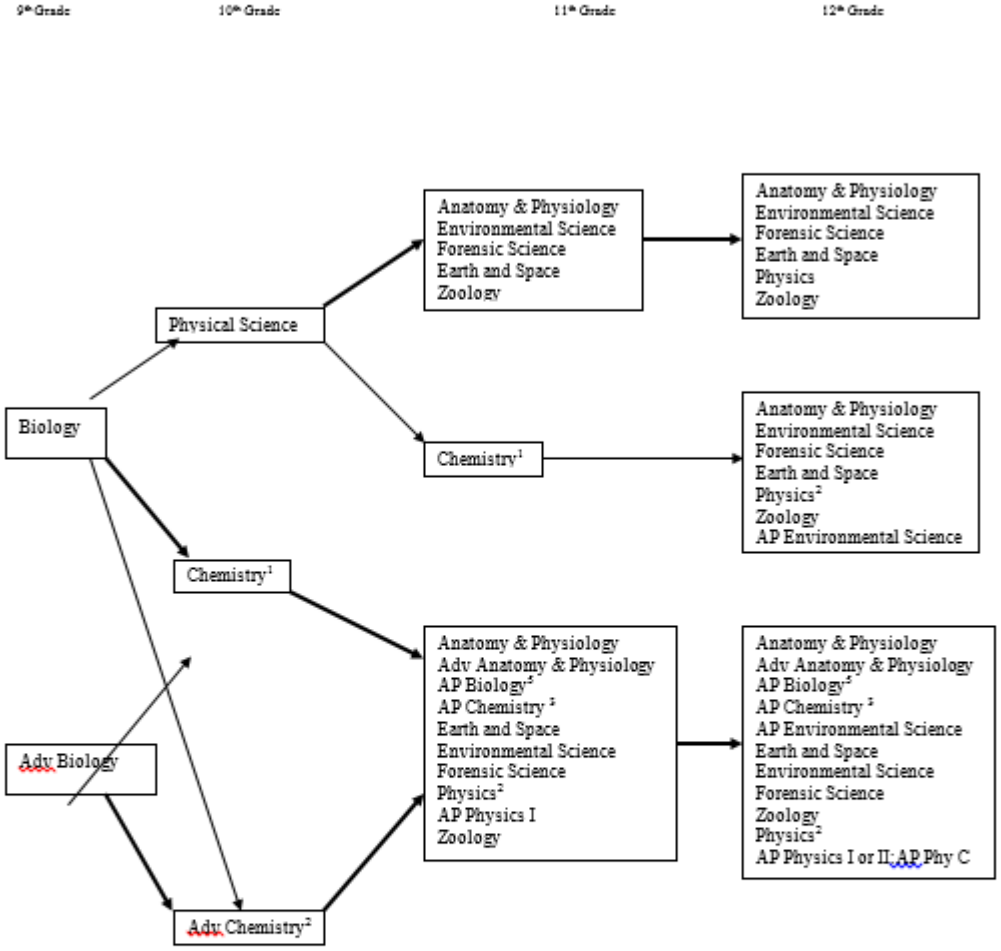
Students deemed ineligible for participation under rules of this policy may continue in coursework but shall not be allowed to participate in extracurricular activities or athletic events. Events (examples only) such as club conventions, Christmas parade, amusement park trips, and competitions, trips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




**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 | Group 2 |
|---|---|
| Anatomy & Physiology | Physical Science |
| All Chemistry | Environmental Science |
| Biology | Forensic Science |
| Physics | Earth and Space |
| All ADV & AP classes | Zoology |

# MB Diploma Options

| | Advanced with Honors | Advanced | Standard |
|---|---|---|---|
| **Math** | **4**<br>Alg I, Geo, Alg II with Trig, Precalculus or Discrete Math or beyond | **4**<br>Alg I, Geo, Alg. II with Trig<br>Plus one additional | **4**<br>Alg I, Geo,<br>Algebraic Connections,<br>Alg II |
| **Science** | **4**<br>All Group 1-<br>Bio and Chem or Physics<br>Plus two additional | **4**<br>3-Group 1<br>1-Group 1 or 2<br>Bio and Chem or Physics<br>Plus two additional | **4**<br>Bio and a<br>Physical Science<br>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 2017-2018_____**

**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

# Mountain Brook Junior High
# Summer School 2017

Please return all registration forms, along with payment, to guidance office by **May 24, 2017**. The cost of each course is $200.00

***Dates of Summer School Term:***
***Session 1 - June 5-23, 2017***
***Session 2 – June 26-July 14, 2017***

***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 2017
# SESSION 1

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

- **Session Dates:** June 5 – June 23, 2017
- 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 5 – June 23, 2017
- 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 5 – June 23, 2017
- The Spanish class will meet from 7:30 a.m. to 12:30 p.m.

**Pre Alg 8 (must attend both sessions) -- Traditional Summer School *Advancement***

- **Session Dates:** June 5 – June 23, 2017 and June 26 – July 14, 2017
- The Pre Alg 8 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 5 – June 24, 2017
  - **Class Dates:**
    - Tuesday 6/6 – Thursday 6/8
    - Monday 6/12- Thursday 6/15
    - Tuesday 6/20 – Thursday 6/22 (Exam Day)
  - Students will need to be in attendance for those 10 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 5 – June 24, 2017
  - **Class Dates:**
    - Tuesday 6/6 – Thursday 6/8
    - Monday 6/12- Thursday 6/15
    - Tuesday 6/20 – Thursday 6/22 (Exam Day)
  - Students will need to be in attendance for those 10 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 6 – June 24, 2017
  - **Class Meeting Dates:** Monday 6/5, Monday 6/19, Friday 6/23 (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 26 – July 14, 2017
- 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 26 – July 14, 2017
- 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 26 – July 14, 2017

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

**Pre Alg 8 (must attend both sessions) -- Traditional Summer School *Advancement***

- **Session Dates:** June 5 – June 23, 2017 and June 26 – July 14, 2017
- The Pre Alg 8 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 26 – July 14, 2017
  - **Class Dates:**
    - Tuesday 6/27 – Friday 6/30
    - Wednesday 7/5- Friday 7/17
    - Tuesday 7/11 – Thursday 7/13 (Exam Day)
  - Students will need to be in attendance for those 10 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 26 – July 14, 2017
  - **Class Dates:** Monday 6/26, Monday 7/10, Friday 7/14 (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
# 2017 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** | |
|---|---|
| Health | |
| Career Prep A | |
| Career Prep B | |
| Pre Alg 8 (must attend both sessions) | |

We request the following traditional credit recovering courses

| **Courses** | **1st Semester** | **2nd Semester** |
|---|---|---|
| Algebra I | | |
| Biology | | |
| Spanish | | |

We request the following credit recovery courses:

| **Courses** | **1st Semester** | **2nd Semester** |
|---|---|---|
| Algebra I | | |
| Biology | | |
| Spanish | | |

_____ _____ _____

Counselor / Principal Signature Parent Signature Date