Apollo Middle School

2025-2026

Course Selection Guide

CERTIFIED MAGNET SCHOOL OF EXCELLENCE

More information may be found on our Apollo Website: www.browardschools.com/apollo
Follow us on Twitter: @apollo_rockets and Facebook: www.facebook.com/apollorockets

Apollo Middle School

Louis Kushner, Principal

IMPORTANT INFORMATION FOR PARENTS AND STUDENTS

This course directory has been prepared to assist Apollo Middle School students and their families with the course selection process for the 2025-2026 school year. Please read the information contained in this document very carefully. It will serve as a valuable tool when choosing an academic path for your child. We believe that the students' years at Apollo Middle School will provide them with successful and positive experiences. Students will encounter many opportunities for academic, physical, social, and emotional growth. They will not only enhance their present skills and abilities, but also be better prepared for success in the next grade as well as future endeavors.

Course Selection Procedures

- Students will be placed into their core curricular classes based on their FAST scores, current grades, and teacher recommendations.
- Teachers can recommend students for modified placement if academic performance conflicts with FAST score.
- A course offerings guide will be posted on the school website so that students can discuss elective choices with parents.
- All students taking high school credit classes must have parent/guardian signed permission.
- School staff will meet with students after their elective choices have been submitted through FOCUS if any discrepancies arise.
- Parents that want a different academic placement from the school suggested placement can sign a waiver. District placements are not able to be waived
- Every attempt will be made to honor students' elective choices as long as students meet the criteria/pre-requisite.

NOTE: All information in this booklet is subject to change based upon The Florida Department of Education and The School Board of Broward County directives.

MIDDLE SCHOOL GRADING SCALE

90%-100% A	70% -76% C
87%- 89% B+	67% -69% D+
80%- 86% B	60% -66% D
77%- 79% C+	0% -59% F

Apollo Middle School Electives Overview

6th

Fine Arts

_____ Art 1
_____ Band Beginning
_____ Chorus Beginning
_____ Dance
_____ Drama & Theatre
_____ Percussion
_____ Video Production

Humanities

_____ Cambridge Global Perspectives 1 **
_____ Colorguard
_____ Latinos in Action
_____ Spanish, M/J Beginners
_____ Speech & Debate 1
_____ Team Sports/Physical Education

STEM Elective

_____ Aeronautics**
_____ Coding Fundamentals
_____ Exploratory Engineering
_____ Business Technology 1 Introduction
_____ Mathematics Competition **
_____ Robotics

7th

Fine Arts

_____ Art 2
_____ Band Beginning
_____ Band Intermediate***
_____ Chorus Beginning
_____ Chorus, Advanced**
_____ Dance
_____ Drama & Theatre
_____ Percussion
_____ Photography*
_____ TV Production
_____ Video Production
_____ Yearbook

Humanities

_____ Cambridge Global Perspectives 2**
_____ Colorguard
_____ Film Studies
_____ Latinos in Action *
_____ Personal Finance
_____ Service Learning/Leadership
_____ Spanish Speakers 1 Honors (High School) ***
_____ Spanish 1 (High School)**
_____ Speech & Debate 1
_____ Speech & Debate 2
_____ Team Sports/Physical Education

STEM Elective

_____ Aeronautics 2**
_____ Business Technology 2
_____ Coding 2 / Digital Discoveries
_____ Culinary
_____ Engineering 2
_____ Mathematics Competition **
_____ Robotics

8th

Fine Arts

_____ Art 2
_____ Art 3 Studio */**
_____ Band Beginning
_____ Band Intermediate**
_____ Band Advanced **
_____ Chorus Beginning
_____ Chorus, Advanced **
_____ Dance
_____ Drama & Theatre
_____ Percussion
_____ Photography*
_____ TV Production
_____ Video Production
_____ Yearbook

Humanities

_____ Cambridge Global Perspectives 3**
_____ Colorguard
_____ Film Studies
_____ Latinos in Action *
_____ Peer Counseling
_____ Personal Finance
_____ Service Learning/Leadership
_____ Spanish Speakers 2 Honors(High School) ***
_____ Spanish Speakers 1 Honors (High School) ***
_____ Spanish 2 (High School)**
_____ Speech & Debate 2
_____ Speech & Debate 3 (High School)***
_____ Team Sports/Physical Education

STEM Elective

_____ Aeronautics 3**
_____ Business Technology 3 / Web Design (High School)
_____ Coding 3 /Advanced I.T. (High School)
_____ Culinary
_____ Engineering 2
_____ Mathematics Competition **
_____ Robotics

CORE COURSE REQUIREMENTS

ADVANCED ACADEMIC PLACEMENT RECOMMENDATIONS for MATH

6th Grade

- Level 3 or above on the FAST Math.
  - Quarter grades of A's and B's in the 5th grade mathematics program
  - Teacher Recommendation: (mathematical maturity and confidence, ability to show work mathematically
  - self-motivated and completes all homework on time

7th Grade

- Level 3 or above on the FAST Math.
  - Quarter grades of A's and B's in the 6th grade mathematics program
  - Teacher Recommendation: (mathematical maturity and confidence, ability to show work mathematically
  - self-motivated and completes all homework on time

8th Grade Algebra I Honors

- Level 3 or above on the FAST Math.
  - Quarter grades of A's and B's in the 7th grade mathematics program
  - Teacher Recommendation: (mathematical maturity and confidence, ability to show work mathematically
  - self-motivated and completes all homework on time

ADVANCED MATH OPTIONS:

PRE-ALGEBRA (GEM 6) Students must score a 346 on the Math FAST and a 336 on the Reading FAST to be placed into this class. Students will complete three years of course work in one school year.

GEM 7 (ALGEBRA I HONORS) Students need to complete the 6th grade GEM program with test scores of B or higher, midterm and final exam scores of 80% or higher, overall quarter grades of 80% or higher. Additionally, it is suggested that students have a strong work ethic and can independently complete homework and study for tests, are self-motivated, give 100%effort, participate in class discussions, and enjoy the challenge of an extremely rigorous curriculum.

GEM 8 (GEOMETRY HONORS) Successful completion of Algebra I Honors in 7th grade with a grade of "B" or higher and a passing grade on the Algebra EOC exam. Also, it is STRONGLY recommended that students have a chapter test score average of 85% or higher in Algebra I Honors.

EMF ONLINE PROGRAM Students will be invited by the district by the end of their 5th grade year if they received a perfect score on their 4th grade Math FAST

ADVANCED ACADEMIC PLACEMENT RECOMMENDATIONS for ELA

6th-8th Grade Advanced English Language Arts (ELA)

- Level 3 or above on the FAST Math.
  - Quarter grades of A's and B's in the 6th grade mathematics program
  - Teacher Recommendation: (mathematical maturity and confidence, ability to show work mathematically
  - self-motivated and completes all homework on time

ADVANCED ACADEMIC PLACEMENT RECOMMENDATIONS for SCIENCE

6th Grade ComprehensiveScience1AcceleratedAdvanced (GEARS 1)

- Level 4 or above on the FAST Math and Science and Level 3 on FAST ELA
  - Quarter grades of A's and B's in the 6th grade mathematics program
  - Teacher Recommendation: (mathematical maturity and confidence, ability to show work mathematically
  - self-motivated and completes all homework on time

7th Grade ComprehensiveScience2AcceleratedAdvanced (GEARS 2)

- Level 3 or above on the FAST Math and Level 3 on FAST ELA
  - Competition of GEARS 1 with Quarter grades of A's and B's
  - self-motivated and completes all homework on time

8th Grade Biology Honors, High School

- Level 3 or above on the FAST ELA, Math and Science.
  - Competition of GEARS 2 with Quarter grades of A's and B's
  - self-motivated and completes all homework on time

ADVANCED ACADEMIC PLACEMENT RECOMMENDATIONS for SOCIAL STUDIES

6th-8th Grade Advanced English Language Arts (ELA)

- Level 3 or above on the FAST ELA.
  - Quarter grades of A's and B's in the 6th grade mathematics program
  - Teacher Recommendation: (mathematical maturity and confidence, ability to show work mathematically
  - self-motivated and completes all homework on time

*Electives are determined by individual student's needs.

2025-2026 Apollo Middle Academic Course Offerings

6th Grade	7th Grade	8th Grade
Language Arts	**Language Arts**	**Language Arts**
LA 6	LA 7	LA 8
LA Advanced 6	LA Advanced 7	LA Advanced 8
LA Gifted 6	LA Gifted 7	LA Gifted 8
LA ELL 6	LA ELL 7	LA ELL 8
LA Cambridge 6 Advanced	LA Cambridge 7 Advanced	LA Cambridge 8 Advanced
Mathematics	**Mathematics**	**Mathematics**
Math 6	Math 7	Pre-Algebra
Math Advanced 6	Math Advanced 7	Algebra 1 Honors
Pre-Algebra (GEM 6)	Algebra (GEM 7)	Geometry (GEM 8)
EMF	EMF	EMF
Science	**Science**	**Science**
Earth Science 6	Life Science 7	Physical Science 8
Earth Science Advanced 6	Life Science 7 Advanced	Physical Science Advanced 8
ACC 1 (GEERS)	ACC 2 (GEERS)	Biology Honors
ACC 1 (GEERS) w/Aeronautics	ACC 2 (GEERS) w/Aeronautics	
Social Studies	**Social Studies**	**Social Studies**
World History	Civics	US History
World History Advanced	Civics Advanced	US History Advanced
World History Advanced Gifted	Civics Advanced Gifted	US History Gifted Advanced
Cambridge, Global Perspectives 1	Cambridge, Global Perspectives 2	Cambridge, Global Perspectives 3

CORE CURRICULUM

Sixth Grade Core Curriculum

LANGUAGE ARTS 6
This course provides educational experiences addressing the English Language Arts Florida Standards. The content may include the study of literature, use of the writing process, application of reading, listening, spelling, grammar, speaking, critical thinking, and applications of language arts skills to daily life and the environment

LANGUAGE ARTS ADVANCED 6
At the advanced level, content and curriculum addressed in Language Arts may be accelerated and covered in greater depth utilizing more challenging, complex texts.

LANGUAGE ARTS GIFTED 6
At the gifted level, the Broward County curriculum is accelerated, enriched, and differentiated as needed to meet the needs of gifted students. Additional resources are used to challenge students on a higher level and technology tools are utilized to assist students in the creation and distribution of writing. Students will learn to communicate confidently and effectively and develop reading, writing, speaking, and listening skills. Students will gain advanced reading comprehension and maturity in writing and oral communication. All students participate in the District Literary Fair and outside writing competitions as determined by the teacher. Gifted Only Class

LANGUAGE ARTS FOR ELL STUDENTS 6
The objective of this course is to provide beginning, intermediate, and advanced English instruction in communication skills to students with limited proficiency in English, and to develop an awareness of the students' cultures in relation to United States culture. The content may include, but not be limited to, instruction and practice in listening, speaking, reading, writing instruction, analysis of sentence structure and paragraphs, study skills and the relation of English proficiency to the working world.

MATHEMATICS 6 http://www.cpalms.org/Public/PreviewCourse/Preview/10283
The objective of this course is to provide additional practice and to establish grade level proficiency with the standards established for 6th grade by the Florida Department of Education. The content may include, but not be limited to multiplication and division of decimals and fractions, data analysis, ratios, rates, fraction, decimal and percent equivalencies and their applications, algebraic expressions and equations, functions and in equalities and using formulas in geometry. Many of these concepts will be taught through word problems.

MATHEMATICS ADVANCED 6 http://www.cpalms.org/Public/PreviewCourse/Preview/10284
The objective of this course is to provide additional practice and to establish proficiency with the standards established for 6th grade by the Florida Department of Education. The content may include, but not be limited to multiplication and division of decimals and fractions, data analysis, ratios, rates, fractions, decimals, and percent equivalencies and their applications, algebraic expressions and equations, functions and inequalities and using formulas in geometry. Many of these concepts will be taught through word problems. Additionally, students will explore integers, operations with rational numbers and measurement specifically volume and surface area. This course involves independent work, follows chapter sequence of the text which builds on previously taught concepts and requires students to apply the skills that they have learned. The pace is accelerated and requires at least 15 minutes of homework daily. Advanced Math Placement Recommendation: Level 4 or above on FAST Mathematics, Level 3 or above on FAST Reading, Academic grades of A's and B's in the 5th grade mathematics program. It is suggested that students have a strong work ethic, can independently complete homework and study for tests, are self-motivated, and enjoy the challenge of a rigorous curriculum.

PRE-ALGEBRA GEM (Great Explorations in Mathematics) 6 http://www.cpalms.org/Public/PreviewCourse/Preview/10286
GEM 6 "PRE-ALGEBRA" pulls almost all of the standards from both 6th and 7th Grade Advanced Math. Students eligible for this class are identified during their fifth-grade year. The objective of this course is to incorporate and master all critical mathematical content fundamental to high school level course work, specifically Algebra I Honors. The content may include, but not be limited to, algebra, estimation, geometry, graphing, number theory, percent, probability, statistics, problem solving, ratio, proportion, scientific notation, and rational numbers. This mostly-digital course is very fast paced and is a combination of direct, teacher-led lessons and online virtual lessons. GEM 6 requires approximately 60 minutes of online homework daily which will involve independent learning via online videos and practice. GEM 6 Math Placement Recommendation: Level 5 on FAST Mathematics, Level 4 or above on FAST Reading, Academic grades of A's in the 5th grade mathematics program and a score of 65 or higher on the county Gem placement test. It is strongly recommended that students who choose this course do so with the understanding that the curriculum is incredibly fast-paced and covers the equivalent of three years (6th, 7th, and 8th Grade) of mathematics in a single year. It is also highly recommended that students choose Study Hall as one of their electives, so they have enough time to complete the extensive workload EMF(Elements of Mathematics: Foundations)Online Program 6EMF is a self-contained, self-study program delivered by the Institute for Mathematics &

Computer Science that allows independent and high achieving students to earn four credits of High School Mathematics as well as complete middle school mathematics course standards before leaving middle school. The EMF curriculum exposes students to subject areas not found in the standard curriculum such as operational systems, set theory, number theory, abstract algebra, and probability and statistics. The EMF program is a 6ththrough 8thgrade program. If completion of all 3 years is reached, students will have credits in Algebra 1 Honors, Geometry Honors, Algebra 2 Honors and Precalculus Honors. Throughout the 3 years, all students must maintain an 80% on each module or higher and must follow the timeline set forth by EMF. This timeline does not account for holidays and days off so students should budget additional hours outside of school each day to complete the program and stay within the desired timeline. This program is extremely fast paced and requires the student to put in double homework time, compared to other classes, in order to complete the required online curriculum in three years.

EMF(Elements of Mathematics: Foundations) Online Program 6

EMF is a self-contained, self-study program delivered by the Institute for Mathematics & Computer Science that allows independent and high achieving students to earn four credits of High School Mathematics as well as complete middle school mathematics course standards before leaving middle school. The EMF curriculum exposes students to subject areas not found in the standard curriculum such as operational systems, set theory, number theory, abstract algebra, and probability and statistics. The EMF program is a 6ththrough 8thgrade program. If completion of all 3 years is reached, students will have credits in Algebra 1 Honors, Geometry Honors, Algebra 2 Honors and Precalculus Honors. Throughout the 3 years, all students must maintain an 80% on each module or higher and must follow the timeline set forth by EMF. This timeline does not account for holidays and days off so students should budget additional hours outside of school each day to complete the program and stay within the desired timeline. This program is extremely fast paced and requires the student to put in double homework time, compared to other classes, in order to complete the required online curriculum in three years.

EARTH-SPACE SCIENCE 6

The Earth Science curriculum builds on the natural curiosity of students. By connecting them to the beauty of geological history, the amazing landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe, the curriculum gives students an opportunity to relate to their everyday world. Students will explore topics such as the fundamentals of geology, oceanography, meteorology, and astronomy; Earth's minerals and rocks; Earth's interior; plate tectonics, earthquakes, volcanoes, and the movements of continents; geology and the fossil record; the oceans and the atmosphere; and the solar system and the universe. Lesson assignments help students discover how scientists investigate the science of our planet.

EARTH-SPACE SCIENCE, ADVANCED 6

The Earth Science curriculum builds on the natural curiosity of students. By connecting them to the beauty of geological history, the amazing landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe, the curriculum gives students an opportunity to relate to their everyday world. Students will explore topics such as the fundamentals of geology, oceanography, meteorology, and astronomy; Earth's minerals and rocks; Earth's interior; plate tectonics, earthquakes, volcanoes, and the movements of continents; geology and the fossil record; the oceans and the atmosphere; and the solar system and the universe. Lesson assignments help students discover how scientists investigate the science of our planet.

COURSE OBJECTIVES: • Describe through hands-on and virtual exploration the many aspects of the science of our planet, as well as the universe beyond our planet. • Utilize tools and concepts to think critically about the fundamentals of geology, oceanography, meteorology, and astronomy; Earth's minerals and rocks; Earth's interior; plate tectonics, earthquakes, volcanoes, and the movements of continents; geology and the fossil record; the oceans and the atmosphere; and the solar system and the universe. • Research and explain the key concepts and connections to the everyday world of geological history, landforms around the globe, the nature of the sea and air, and the newest discoveries about our universe.

SCIENCE –GEARS (COMPREHENSIVE SCIENCE ACCERALERATED) 6

This course provides a rigorous and comprehensive foundation for the 6th-grade student. It covers the relevant topics in all the major scientific disciplines, building on prior knowledge and expanding on subjects. Students begin with a review of the scientific process and get more into depth with the idea of critical analysis of theories and experimental research. They will move on to discuss principles of physical science and energy. In the life science portion of the course, students will cover structure and function of organisms, genetics and evolution, and tenets of ecology. This will flow into the environmental science topics including earth's cycles and environmental problems. A brief discussion of the solar system will also be covered. Students will learn about the assigned topics through interactive activities, experimentation, discussion, and engaging text and animations. Graded assignments will be stimulating and thought-provoking, hopefully paving the way for future interest in the scientific disciplines. COURSE OBJECTIVES: • Explain and use the methods and tools of scientific inquiry, applying them across scientific disciplines. • Identify properties of an atom, element, compound, and mixture, and apply knowledge to use of formulas and equations. •Describe the concepts of friction, gravity, waves, and kinetic and potential energy. • Apply knowledge of structure and function of organisms to categorize them taxonomically and compare and contrast across the taxonomic levels. • Define and give examples of adaptations and explain how they apply to genetics and evolution. • Describe energy flow in terms of food webs and trophic levels, involving biotic and abiotic components. • Identify features of the major biomes. • Describe the environmental cycles involving water, nitrogen, and carbon and discuss the global implications of altering them. • Identify

sources of environmental distress and discuss different measures that humans are taking, or may take in the future, to improve the health of the planet.

WORLD HISTORY 6 & WORLD HISTORY ADVANCED 6
The objective of this course is to understand that the world is comprised of many diverse cultural groups who have made significant contributions to both the past and present. Students will explore the development of civilizations in historical and geographical settings, as well as the individuals and events that have significantly influenced culture and history. They will examine the major political, economic, social, and religious beliefs and institutions of selected Eastern and Western cultures. The content will include, but not be limited to, the study of ancient societies such as Egypt, Greece, and Rome.

Additional Requirements:
At the advanced and gifted levels, critical thinking and application skills are emphasized when comparing and contrasting historical and contemporary issues. They will develop collaborative skills, as well as public speaking skills, through individual and group projects. Additional course requirements may include outside readings, having access to news articles for current events, and Internet access for research objectives. Students must complete a research-based project that emphasizes the use of primary sources, has a thesis statement, and has a conclusion that demonstrates original student analysis.

Seventh Grade Core Curriculum

LANGUAGE ARTS 7
This course provides educational experiences addressing the English Language Arts Florida Standards. The content may include the study of literature, use of the writing process, application of reading, listening, spelling, grammar, speaking, critical thinking, and applications of language arts skills to daily life and the environment.

LANGUAGE ARTS FOR ELL STUDENTS 7
The objective of this course is to provide beginning, intermediate, and advanced English instruction in communication skills to students with limited proficiency in English, and to develop an awareness of the students' cultures in relation to United States culture. The content may include, but not be limited to, instruction and practice in listening, speaking, reading, writing instruction, analysis of sentence structure and paragraphs, study skills and the relation of English proficiency to the working world.

LANGUAGE ARTS ADVANCED 7
At the advanced level, content and curriculum addressed in Language Arts may be accelerated and covered in greater depth utilizing more challenging, complex texts.

LANGUAGE ARTS GIFTED 7
At the gifted level, the Broward County curriculum is accelerated, enriched, and differentiated as needed to meet the needs of gifted students. Additional resources are used to challenge students on a higher level and technology tools are utilized to assist students in the creation and distribution of writing. Students will learn to communicate confidently and effectively and develop reading, writing, speaking, and listening skills. Students will gain advanced reading comprehension and maturity in writing and oral communication. All students participate in the District Literary Fair and outside writing competitions as determined by the teacher.

MATHEMATICS 7 http://www.cpalms.org/Public/PreviewCourse/Preview/10285
The objective of this course is to provide additional practice and to enable proficiency with the MAFS established for 7th grade by the Florida Department of Education. Students will continue to develop mathematical content fundamentals for grade level proficiency. Emphasis is placed on computational proficiency. The content may include, but not be limited to, computational and applicational work with integers, rational numbers, percents, linear equations and functions, proportions and similarity, data analysis and probability, surface area and volume, measurement and proportional reasoning.

MATHEMATICS ADVANCED 7 http://www.cpalms.org/Public/PreviewCourse/Preview/10286
The objective of this course is to provide additional practice and to enable proficiency with the MAFS established for 7th grade by the Florida Department of Education. Students will continue to develop mathematical content fundamentals for higher level coursework. Emphasis is placed on computational proficiency. The content may include, but not be limited to, computational and applicational work with integers, rational numbers, percents, linear equations and functions, proportions and similarity, data analysis and probability, surface area and volume, measurement and proportional reasoning. Additionally, students will explore geometry and spatial reasoning, statistics and inequalities. This is a Pre-Algebra course and students who successfully complete this course may meet the requirements for Algebra 1 Honors as 8th graders. Seventh Grade Advanced Math Placement Recommendation: Level 4 or above on FAST Mathematics, Level 4 or above on the FAST Reading, Academic quarter grades of A's and B's in the 6th grade advanced mathematics program. It is suggested that students have a strong work ethic, can independently complete homework and study for tests, are self-motivated, and enjoy the challenge of a rigorous curriculum

ALGEBRA I HONORS GEM (Great Explorations in Mathematics) 7
http://www.cpalms.org/Public/PreviewCourse/Preview/10290
This is a high school course for high school credit. Algebra I Honors in the 7th grade is a continuum of GEM 6. The objective of this course is to provide a rigorous and in-depth study of Algebra I Honors, emphasizing deductive reasoning skills, as a foundation for more advanced mathematics courses. The content may include, but not be limited to, operations and properties used within the real number system, algebraic and graphical solutions to first-degree equations and inequalities in one and two variables, operations with polynomials, rational and irrational algebraic expressions, quadratic equations, quadratic inequalities, quadratic functions and the use of a graphing calculator. Throughout this course students are expected to develop the skills needed to solve mathematical problems. There is a strong emphasis on algebraic problem solving. This course has a fast pace requiring 30-60 minutes of homework daily, and involves independent work. Students should be highly motivated, responsible, self-directed, and committed to spending the time required to gain proficiency with the content skills. Additionally, there will be a midterm exam, an End of Course State Exam which counts as 30% of the overall grade, and the letter grade will count towards their high school GPA. Students who successfully complete the course requirements will receive one high school honors credit. GEM 7 Placement Recommendations: The recommendations are made by the 6th grade GEM teachers based on the following criteria in addition to the district requirements. Students need to complete the 6th grade GEM program with test scores of 87% or higher, midterm and final exam scores exam scores of 80% or higher, and score an 80% or higher on the Algebra Placement Test as well as overall quarter grades of 90% or higher. Additionally, it is suggested that students have a strong work ethic, can independently complete homework and study for tests, are self-motivated, give 100% effort, participate in class discussions, and enjoy the challenge of an extremely rigorous curriculum. EMF(Elements of Mathematics: Foundations)Online Program7EMF is a self-contained, self-study program delivered by the Institute for Mathematics & Computer Science that allows independent and high achieving students to earn four credits of High School Mathematics as well as complete middle school mathematics course standards before leaving middle school. The EMF curriculum exposes students to subject areas not found in the standard curriculum such as operational systems, set theory, number theory, abstract algebra, and probability and statistics. The EMF program is a 6ththrough 8thgrade program. If completion of all 3 years is reached, students will have credits in Algebra 1 Honors, Geometry Honors, Algebra 2 Honors and Precalculus Honors. Throughout the 3 years, all students must maintain an 80% on each module or higher and must follow the timeline set forth by EMF. This timeline does not account for holidays and days off so students should budget additional hours outside of school each day to complete the program and stay within the desired timeline. This program is extremely fast paced and requires the student to put in double homework time, compared to other classes, in order to complete the required online curriculum in three years.

LIFE SCIENCE 7 & LIFE SCIENCE ADAVNCED 7
The Life Science program invites students to investigate the world of living things—at levels both large and small—by reading, observing, and experimenting with aspects of life on Earth. Students explore an amazing variety of organisms, the complex workings of the cell and cell biology, the relationship between living things and their environments, and discoveries in the world of modern genetics. Students tackle such topics as ecology, microorganisms, animals, plants, cells, animals, species, adaptation, heredity, genetics, and the history of life on Earth. Lesson activities and assignments help students discover how scientists investigate the living world.

Additional Requirements: At the advanced and gifted level in each grade, critical thinking and application skills are emphasized. Additional course requirements will include a more in-depth exploration of topics of interest to the student and will require that each student demonstrate proficiency in the practice of science by completing an independent, experimentally based research project suitable for competition in the district required science fair.

CIVICS 7 & CIVICS ADVANCED 7
Civics is an empowering course that provides students with the critical skills to analyze
and study the duties and rights of citizens. Using guided questioning, students will learn the importance of knowing the rights and responsibilities that are guaranteed under the Constitution of the United States. Students will examine the different forms and functions of government and assess their knowledge of the American colonies and their early doctrines and government. The influence that England and the Age of Enlightenment had on the foundations of democracy will be studied. Students will use research and higher thinking skills to create collaborative projects to extend their knowledge of the Constitution and its principles. An in-depth study of the Bill of Rights will reinforce an understanding of the purpose and goals of the Legislative, Executive and Judicial Branches of government. Units on voting, political parties and public opinion about national, state and local governments will enable students to better understand society and the challenges people face.

Additional Requirements: At the regular, advanced, gifted and Cambridge level, all students will be required to take the Florida State End of Course Exam (EOC). The test score will account for 30% of their overall Civics grade. Pacing to prepare for this exam will be adjusted accordingly, depending on whether the class is working at the regular, advanced or gifted level. Group projects, research papers, mock trials, and additional reading passages will be used to enhance class material at the advanced and gifted levels. Cambridge students will have a more intensive writing program with small groups working to create various curriculum-based projects. Cambridge students will also participate in off campus field trips to reinforce the curriculum.

Eighth Grade Core Curriculum

LANGUAGE ARTS 8
This course provides educational experiences addressing the English Language Arts Florida Standards. The content may include the study of literature, use of the writing process, application of reading, listening, spelling, grammar, speaking, critical thinking, and applications of language arts skills to daily life and the environment.

LANGUAGE ARTS FOR ELL STUDENTS 8
The objective of this course is to provide beginning, intermediate, and advanced English instruction in communication skills to students with limited proficiency in English, and to develop an awareness of the students' cultures in relation to United States culture. The content may include, but not be limited to, instruction and practice in listening, speaking, reading, writing instruction, analysis of sentence structure and paragraphs, study skills and the relation of English proficiency to the working world.

LANGUAGE ARTS ADVANCED 8
At the advanced level, content and curriculum addressed in Language Arts may be accelerated and covered in greater depth utilizing more challenging, complex texts.

LANGUAGE ARTS GIFTED 8
At the gifted level, the Broward County curriculum is accelerated, enriched, and differentiated as needed to meet the needs of gifted students. Additional resources are used to challenge students on a higher level and technology tools are utilized to assist students in the creation and distribution of writing. Students will learn to communicate confidently and effectively and develop reading, writing, speaking, and listening skills. Students will gain advanced reading comprehension and maturity in writing and oral communication. All students participate in the District Literary Fair and outside writing competitions as determined by the teacher.

LANGUAGE ARTS SECONDARY I CAMBRIDGE 8
This course is the final stage of the Secondary I Cambridge curriculum and is primarily focused on the mastery of inquiry-based writing about social and world events, literature analysis, media and poetry. Students will continuously express their mastery of expression through oral communication, critical thinking activities, debate and presentations. Students will develop a sense of cultural awareness and a span of knowledge that will promote cross-curricular understanding in order to become productive citizens of the world. All students will participate in the District Literary Fair. **Application and acceptance required for participation**. Please visit this website for more information on the Cambridge program. http://www.cie.org.uk/

MATHEMATICS PRE-ALGEBRA 8 http://www.cpalms.org/Public/PreviewCourse/Preview/10287
The objective of this course is to strengthen and build upon arithmetic skills while preparing for Algebra I in high school as well as to provide additional practice and to establish proficiency with the MAFS established for 8th grade by the Florida Department of Education. The content may include, but not be limited to real numbers, exponents, scientific notation, proportional and non-proportional relationships and functions, solving equations and systems of equations, transformational and measurement geometry, and statistics.

ALGEBRA I HONORS 8 http://www.cpalms.org/Public/PreviewCourse/Preview/10290
This is a high school course for high school credit. The objective of this course is to provide a rigorous and in-depth study of algebra, emphasizing deductive reasoning skills as a foundation for more advanced mathematics courses and developing the skills needed to solve mathematical problems. The content may include, but not be limited to, operations and properties used within the real number system, algebraic and graphical solutions to first degree equations and inequalities in one and two variables, relations and functions, direct and inverse variations, operations with polynomials, including all forms of factoring, rational and irrational algebraic expressions, quadratic equations, quadratic inequalities, quadratic functions, and use of the graphing calculator. Students who successfully complete the course requirements will receive one high school credit. It is strongly recommended that students have completed the 7th Grade Advanced Textbook in their seventh grade year. Additionally, there will be a midterm exam, and a State End of Course Exam, which counts as 30% of their overall grade, and the letter grade will count towards their high school GPA. There will also be approximately 30-60 minutes of homework daily.

GEOMETRY HONORS GEM (Great Explorations in Mathematics) 8
http://www.cpalms.org/Public/PreviewCourse/Preview/10295
This is a high school course for credit. Students who enroll in this course should be A/B Algebra I Honors students who have demonstrated mastery of algebra skills as evidenced by their grades and exam scores. This course is a rigorous and in-depth high school course which helps lay the foundation for higher level math work such as AICE, AP coursework, and college entrance exams.

The emphasis is on methods of proof, the formal language of mathematics, the fundamental properties of geometry, the understanding of deductive and inductive reasoning, solving real-world problems by applying the geometric properties and algebraic skills, and using transformational and coordinate geometry. This course has a fast pace requiring 45-60 minutes of homework daily and involves a good deal of independent work since the approach of the course is the discovery method. Students should be highly motivated, responsible, self-directed, and committed to spending the time required to gain proficiency with the content skills. It is highly recommended (and necessary for success) that students have a strong working knowledge of algebra for this class. Tests involve questions requiring the application and proof (both formal and informal) of skills learned. Additionally, there will be a midterm exam, and a State End of Course Exam and the letter grade will count towards their high school GPA.

EMF (Elements of Mathematics: Foundations) Online Program 8
EMF is a self-contained, self-study program delivered by the Institute for Mathematics & Computer Science that allows independent and high achieving students to earn four credits of High School Mathematics as well as complete middle school mathematics course standards before leaving middle school. The EMF curriculum exposes students to subject areas not found in the standard curriculum such as operational systems, set theory, number theory, abstract algebra, and probability and statistics. The EMF program is a 6th through 8th grade program. If completion of all 3 years is reached, students will have credits in Algebra 1 Honors, Geometry Honors, Algebra 2 Honors and Precalculus Honors. Throughout the 3 years, all students must maintain an 80% on each module or higher and must follow the timeline set forth by EMF. This timeline does not account for holidays and days off so students should budget additional hours outside of school each day to complete the program and stay within the desired timeline. This program is extremely fast paced and requires the student to put in double homework time, compared to other classes, in order to complete the required online curriculum in three years.

PHYSICAL SCIENCE 8
The Physical Science program introduces students to many aspects of the physical world, focusing first on chemistry and then on physics. The course provides an overview of the physical world and gives students tools and concepts to think clearly about matter, atoms, molecules, chemical reactions, motion, force, momentum, work and machines, energy, waves, electricity, light, and other aspects of chemistry and physics. Among other subjects, students study the structure of atoms; the elements and the Periodic Table; chemical reactions; forces, including gravitational, motion, acceleration, and mass; and energy, including light, thermal, electricity, and magnetism.

PHYSICAL SCIENCE ADVANCED 8
Physical Science will provide opportunities for students to investigate the introductory concepts of physics and chemistry. Topics will include but not be limited to: dynamics, classification, interaction of matter, the periodic table, forms of energy, electricity and magnetism, chemical interactions, nuclear reactions, and career opportunities. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

BIOLOGY HONORS 8
Biology I Honors will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include but not be limited to: the scientific method, laboratory apparatus usage and safety, biochemistry, cell biology, genetics, botany, zoology, human anatomy and physiology, and ecological relationships. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course. A state written End of Course (EOC) exam will count as 30% of the student's final course grade.

UNITED STATES HISTORY 8 & UNITED STATES HISTORY ADVANCED 8
Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization Period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events, which influenced the development of the United States and the resulting, impact on world history. This course offers scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, and participating in an extended research-based paper/project. Students will also participate in Junior Achievement, which teaches the key concepts of work readiness, entrepreneurship, and financial literacy.

Additional Requirements:

Advanced, gifted and Cambridge students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects). Expectations include: reading

assignments from longer text passages as well as shorter ones when text is extremely complex, making close reading and rereading of texts central to lessons, asking high- level, text-specific questions and requiring high-level, complex tasks and assignments, requiring students to support answers with evidence from the text, and providing extensive text-based research and writing opportunities (claims and evidence). Placement in these classes is determined by the student's (IEP), Individualized Education Plan as decided annually by the IEP committee. Reading placement will be based on State/Broward District's k-12 Reading Plan.

Reading Placement for 6th-8th Grades

Students with an FAST Reading score of 2 or below and/or FAIR assessments indicating areas of concern will be placed in the appropriate reading course as needed. Students will be placed in a reading course following Broward's Middle School placement guidelines.

READING INTENSIVE
This course provides strategic reading intervention focusing on scaffolding the Language Arts Florida Standards with support across texts of increasing complexity.

DEVELOPMENTAL READING FOR ELL STUDENTS
This course provides intensive ESOL instruction for the development of listening, speaking, reading, writing, and language skills for English language learners.

READING DEVELOPMENTAL
This course provides strategic reading instruction to develop academic vocabulary, comprehension, and inferential thinking through text-based reading and writing.

*Reading programs subject to change according to district guidelines.

ELECTIVE CLASSES

FINE ARTS

Art 1
Available to 6th, 7th & 8th grade students
This class is an opportunity to explore the different types of visual arts. Students explore media and techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students practice, sketch, and manipulate the structural elements of art. Students will learn and experience different art forms, including many hands-on projects and fun activities!

Art 2
Available to 7th & 8th grade students
This course is designed to provide experiences necessary to produce three-dimensional artwork. Art II offers more independent study with projects being more self-motivated and self-directed. The content may include, but not limited to, the basic design concepts of ceramics and designing and painting large-scale murals around the campus.

Art Studio
Available to 8th grade students
The Advanced Art student is one who has a strong desire to develop his/her interest in all types of visual arts. This course is designed to provide experiences necessary to produce three-dimensional artwork. The year-long class includes portfolio as well as group projects. Students must be able to work independently, as well as in small group settings. Students must get the approval of the Art Teacher.

BAND 1 BEGINNING
Available to 6th, 7th & 8th grade students
The Band 1 Course (also known as the Beginning Band) is the first level of Band intended for students stating in Band for the first time. Students in this course are expected to perform at high levels, practice individually frequently and perform at in-school and out of school events. Students will be required to perform at least three times during the school year. Students will be graded based on Performances, assignments, afterschool rehearsals and playing tests.

BAND 2 INTERMEDIATE
Available to 7th & 8th grade students
The Band 2 Course (also known as the Concert Band) is the second level of Band intended for student going into their 2nd consecutive year of Band courses. Students in this course are expected to perform at high levels, practice individually frequently and perform at many in-school and out of school events as well as be present for after-school rehearsals. Students will be graded based on Performances, assignments, afterschool rehearsals and playing tests. STUDENTS MUST HAVE BAND DIRECTOR APPROVAL TO SELECT THIS CLASS.

BAND 3 ADVANCED
Available to 7th & 8th grade students
The Band 3 Course (also known as the Symphonic Band) is the third level of Band intended for student going into their 3rd consecutive year of Band courses. Students in this course are expected to perform at high levels, practice individually frequently and perform at many in-school and out of school events as well as be present for after-school rehearsals. Students will be graded based on Performances, assignments, afterschool rehearsals and playing tests. STUDENTS MUST HAVE BAND DIRECTOR APPROVAL TO SELECT THIS CLASS.

Chorus 1 BEGINNGING
Available to 6th, 7th & 8th grade students
The Chorus 1 course (also known as Chorus) is an entry level class for any students with little to no experience in singing. During this course students will learn how to match pitch, sing in simple 2-part harmony, learn how to read music and sing publicly for in-school performances. Students will also be tested on singing ability and understanding of music theory.

Chorus 2 ADVANCED
Available to 7th & 8th grade students
The Chorus 2 course (also known as Concert Chorale) is the advanced chorus course for students who have had at least one class of Chorus at Apollo Middle School. During this course students continue to develop proper choir tone, perform in-school and out of school at various venues and events. The musical ability required will be significantly harder than Chorus 1 and students are expected to perform at a much higher level of musicianship. Students will also be tested on singing ability and understanding of music theory. STUDENTS MUST HAVE BAND DIRECTOR APPROVAL TO SELECT THIS CLASS.

Dance
Available to 6th, 7th & 8th students
Students develop dance techniques and movement vocabulary in two or more dance forms. In the process, dancers demonstrate use of class and performance etiquette, analytical and problem-solving skills, and studio practices in a safe dance environment. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

Drama/Theatre 1
Available to 6th, 7th, & 8th grade students
Never taken a drama class before? Fear no more! Everything you need to know will be taught here. From learning the basics, areas of the stage, all the way to experiencing musical theatre, Drama 1 provides a great beginning step into the drama world. Back again?! Great! Every year we try to incorporate something new that brings a little challenge! :) Get excited!

Drama/Theatre 2
Available to 7th & 8th grade students
Prerequisite-Drama 1. This course is designed for the serious Drama student. Students at this level are required to participate in the activities associated with the Junior Thespian Society, and are also expected to produce a full-scale production in their course of study. Additionally, these young actors and actresses will be expected to work independently on both small group and individual scenes, developing characters and consistently raising the bar on their own performances. A serious approach to the craft is expected from the students in Advanced Drama.

Percussion
Available to 6th, 7th & 8th grade students
The Instrumental Techniques 1 Course (also known as Percussion Studies) is the entry/advanced level course intended for students taking percussion for the first time as well as veteran students. Students in this course are expected to perform at high levels, practice individually frequently and perform at many in-school and out of school events as well as be present for after-school rehearsals. Students will be graded based on Performances, assignments, afterschool rehearsals and playing tests. Students in this course will be divided up to the individual Band levels. STUDENTS MUST HAVE BAND DIRECTOR APPROVAL TO SELECT THIS CLASS.

Personal Finance
7th & 8th grade students
This course consists for the following content areas and literacy strands: Financial Literacy, Economics, Mathematics, Language Arts for Literacy in History/Social Studies and Speaking and Listening. Content standards are geared toward deepening students' understanding of personal financial literacy through an economic perspective. A basic understanding of economics provides a critical framework to make informed decisions about budgeting, saving, and investing. In learning basic economics, students come to appreciate that choices have costs and benefits, and that it is often necessary to sort through complex information and weigh multiple costs and benefits before arriving at a decision. Emphasis will be placed on economic decision-making and real-life applications using real data.
The primary content for the course pertains to the study of learning the ideas, concepts, knowledge, and skills that will enable students to make sound personal finance decisions; to become wise, successful, and informed consumers, savers, borrowers, investors, risk managers, and future employees or employers; and to be participating and informed members of the global economy.
The content for the course is primarily developed around six standards from the state academic standards (SAS) Financial Literacy Strand:

- Earning Income
- Buying Goods and Services
- Saving
- Using Credit
- Financial Investing
- Protecting and Insuring

Content included in these standards includes, but may not be limited to:

- analyzing cost/benefit of economic decisions
- identifying different types of education and training required by various careers
- understanding the effect of acquiring education and skills on future income
- measuring the opportunity cost that education and training have in terms of time, effort, and money

- exploring the variety of payment method options
- classifying expenses in a budget
- assessing the quality and usefulness of information from marketers
- understanding the role of financial institutions as intermediaries between savers and borrowers
- understanding the role of government agencies in protecting savings deposits
- examining the difference between principal and interest
- identifying the time value of money
- explaining how people's tastes and preferences influence their choice of how much and what to save for
- understanding why people use credit
- identifying a credit card purchase as a loan from the issuer of the card
- explaining why interest rates vary across borrowers
- examining how a credit card user can avoid interest charges
- understanding the variety of possible financial investments
- calculating the rates of return on an investment and understanding why it may vary among financial products
- identifying insurance as the transfer of risk through risk pooling
- understanding each option for managing risk (assume it, reduce it, insure it) entails a cost
- preventing identify theft and fraud

Photography
7th & 8th grade students
Students explore the aesthetic foundations of art using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Students must get the approval of the Photography Teacher.

Video Production
Available to 6th, 7th & 8th grade students
This course introduces students to the fundamental principles of creating video content, covering the pre-production planning stages, basic camera operation, audio recording, composition techniques, and video editing, allowing them to produce short films, commercials, or news segments through hands-on projects while learning essential skills like storyboarding, scripting, and basic lighting setups, all while utilizing appropriate video editing software.

TV Production
Available to 7th & 8th grade students
Introduction to the fundamental concepts of television production through hand-on experience, including scriptwriting, basic camera operations, audio recording, lighting techniques, editing software and collaborative teamwork. Students will work on the school announcements via StreamVu, rotating through roles/jobs and create short videos while learning about different production roles and storytelling elements within a controlled studio environment. This course requires students to attend before/after school events/activities as a part of successful completion of this course. Pre-requisite: Successful completion of video production course, submit yearly course application & teacher approval.

Yearbook
Available to 7th & 8th grade student
In this course, students will be involved in the entire yearbook process (print layouts, photography, print copy, design and advertising). Students should be available to work outside of the normal school day when deadlines are approaching. Student GPA, behavior and teacher recommendations will be considered when determining who will be selected for this class.

HUMANITIES

Cambridge Global Perspectives
Available to 6th, 7th, & 8th grade Cambridge students
The class is designed to develop the skills of research, analysis, evaluation, reflection, collaboration and communication. This course is designed for students who intend to pursue the Cambridge AICE program at the high school level. **STUDENTS MUST BE ENROLLED IN A CAMBRIDGE ENGLISH COURSE AS A COURSE REQUIREMENT.**

Colorguard
Available to 6th, 7th, & 8th grade students
This course provides students with instruction in the development of skills in the art of performing various bodily movements in rhythm using musical accompaniment. Course content will include music terminology, note values, rhythms, meter, tempo, melodic content and contrast, music listening, performance techniques, choreography, costuming and makeup, and safety practices (warm up

and cool down). Student performance standards will determine the levels of assignment and achievement. The class emphasis will be focused on understanding and using the correct ballet terminology, movement, body placement, muscle development, flexibility, flag/weapon technique and the synergy of the body and equipment.

Film Studies
Available to 7th & 8th grade students
Film Studies Available to 7th & 8th grade students. Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. The instructional focus will be on film. Students produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. The course incorporates hands-on activities, the use of technology, and consumption of art materials.

Latino's in Action
Available to 6th, 7th & 8th grade students
Latinos In Action (LIA) offers an asset-based approach to bridging the graduation and opportunity gap for Latino students, working from within the educational system to create positive change. Our program operates as a year-long elective with the goal of empowering Latino youth to lead and strengthen their communities through college and career readiness. We accomplish this by focusing on four pillars: leveraging personal and cultural assets, excelling in education, serving the community, and developing leadership skills. To be in Latinos in Action, students must be preapproved by the Guidance Director and must maintain a 2.5 GPA.

Peer Counseling
Available to 8th grade students
To be a peer counselor you must have a **3.0 GPA**. Introduction to Peer Counseling. Through classroom instruction, role-playing, and skill building activities, peer counselors are trained to help their fellow students. Peer counselors help by peer tutoring, peer mediating, and peer counseling. Along with daily peer activities students will participate in several field trips doing community projects enhancing your overall learning experience. In order to be a peer counselor, you MUST be a person who enjoys helping.

Physical Education (Team Sports)
Available to 6th, 7th, & 8th grade students
Students in Physical Education learn the rules and play various sports, such as flag football, soccer, kickball, basketball, and volleyball.

Service Learning/ Leadership Skills
Available to 7th & 8th grade students
The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. Students must maintain a 3.0 GPA and show leadership skills through outstanding conduct and participate in at least one school club.

Spanish, M/J Introduction
Available to 6th grade
Beginning Spanish introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this half year course. Students whom have never studied a foreign language and want the exposure without the concern of impacting their high school GPA should take this course prior to Spanish 1. This is a semester class taken with Physical Education.

Spanish 1
Available to 7th grade students
This course provides students with a general introduction to the Spanish language, pronunciation, vocabulary related to everyday activities, basic grammatical structure, and cultural information. The student will develop communicative skills in all 3 modes of communication (interpersonal, interpretive, and presentational) and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture connections, comparisons, and communities. **THIS IS A HIGH SCHOOL LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA**.

Spanish 2
Available to 8th grade students
Prerequisite-Spanish 1. This course reinforces the fundamental skills acquired by students in Spanish 1: listening, speaking,

reading, and writing. The course further develops communicative skills in all 3 modes of communication and cross-cultural understanding. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the Spanish-speaking people is continued. **THIS IS A HIGH SCHOOL LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA**.

Spanish for Spanish Speakers I
Available to 7th grade students
The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as other languages to be acquired. **THIS IS A HIGH SCHOOL LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA.**

Spanish for Spanish Speakers II
Available to 8th grade students
The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers 1. Students are exposed to a variety of Spanish literary genres and authors. Language Arts Standards are also included in this course to enable students to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired. Prerequisite: Spanish for Spanish Speakers I credit. **THIS IS A HIGH SCHOOL LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA**

Speech & Debate I
Available 6th & 7th grade students
The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies in a variety of given settings.

Speech & Debate 2
Available 7th & 8th grade students
This class is designed to further developed students' skills from Speech & Debate. Additionally, students will learn a variety of competition speech events where they may choose to participate in the after school and Saturday Speech tournaments (optional attendance).

Speech & Debate Honors
Available 8th grade students
This classes are an introduction to the world of Speech and Debate, and are **offered for HS credit.** A variety of speaking skills and techniques will be covered, from the basic to the complex. Students should be prepared to participate in both speech presentations and formal/informal debates. They should be comfortable working in small groups, researching different topics, and memorizing material. **Prerequisite-Debate 7th grade. THIS IS A HIGH SCHOOL LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA**

STEM SCIENCE

Math Competition
Available to 6th, 7th & 8th grade students
Math Competition is a course that is designed to provide Math Club students with critical problem-solving skills and to expand their mathematical knowledge to better prepare for competitions. It is open to all grade levels 6-8. All students enrolled in this course are required to be competing members of the math club. Competitions are held after school and on weekends. Students in this course will work above and beyond their core mathematics course to prepare for various competitions. The course will focus on content, team-work, individual category, speed and various competition strategies. This is a full year course. During 1st semester, the primary focus will be preparing for competitions. During 2nd semester, students will complete, and present projects focused on a variety of competition strategies.

STEM Aeronautics
Available 6th, 7th, and 8th grade students

The Aeronautics Curriculum was designed in an effort to strengthen scientific concepts taught in the science class. Each grade level, unit, and student learning activity are aligned with the NGSSS, National Mathematics Standards, National Science Education Standards, and Standards for Technology Literacy, to help teachers determine how the activities their students will complete will prepare them to be successful. The practical nature of the activities engages and connect students with their understanding of how science plays a major role in their daily lives. *Students must have FAST scores of 5 and permission from the Science Department Head.*

STEM Exploratory Engineering
Available to 6th grade students
The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of technology and its effect upon our lives. This hands-on course focuses on transferable skills, and the understanding and use of technological tools, machines, instruments, materials, processes and systems in business and industry. Curriculum also includes safety and leadership skills. Topics covered in this course include: engineering communication systems, aerospace, manufacturing, graphic design, transportation, and much more. **Students will also have the opportunity to take the Microsoft Office Specialist (MOS) Word industry certification exam and other IC3 Digital Literacy exams as a part of the successful completion of this course.**

STEM Engineering
Available to 7th & 8th grade students
This is a project-based curriculum that presents the elements and principles of visual design, engineering processes, and mathematical and mechanical properties. The class focuses on integrating math and science standards into hand-on projects that focus on using the engineering process to explore various types of engineering and design solutions to engineering problems. Students explore design factors such as esthetics, format, geometric shape & form, perspective drawing, scale, proportion, and presentation techniques. Students learn drafting, build bridges, learn about gears, build simple circuits and much more. **Students will have the opportunity to take IC3 Digital Literacy exams as a part of the successful completion of this course.**

STEM Business Technology Introduction
Available to 6th grade students
Students in this exploratory foundation course will engage in business, computer and technology coursework. Students will develop effective communication, leadership, and workplace readiness skills. They will demonstrate knowledge of technology and its application in career fields/clusters. Utilizing a Virtual Enterprises curriculum, students will participate in various web-based activities that aid in the development of 21st century technology and business skills. The course is a beginning level course that will lay the foundation for upper level and high school Business Computer Application Pathways. **Students will also have the opportunity to take the Microsoft Office Specialist (MOS) PowerPoint industry certification exam and other IC3 Digital Literacy exams as a part of the successful completion of this course.**

STEM Business Technology Intermediate
Available to 7th grade students
The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding related careers and 21st century technology skill development. This course provides students with opportunities to develop fundamental knowledge and skills in general economic systems, business development, financial securities, banking concepts, credit, and consumer lending in the United States. Instruction in information systems and related electronic skills and software applications are also included. Students will utilize Virtual Enterprises Level 2 Curriculum. **Students will also have the opportunity to take the Microsoft Office Specialist (MOS) Word and Excel industry certification exams and other IC3 Digital Literacy exams as a part of the successful completion of this course.**

STEM Business Technology Advanced/ Foundations of Web Design
Available to 8th grade students
This high school level class provides students with extensive exploration of information technology careers. The purpose of this course is to give students an opportunity to apply knowledge and skills related to the area of information technology. This course includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. **THIS IS A HIGH SCHOOL LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA. Students will also have the opportunity to take the Microsoft Technology Associate (MTA) Intro to programming using HTML and CSS exam as a part of the successful completion of this course.**

Coding Fundamentals
Available to 6th grade students

The purpose of this course is to assist Information Technology students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the career cluster. The content includes but is not limited to foundational knowledge and skills related to computer coding and software development. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices. Students will learn fundamental programming using innovative program applications like Minecraft, and learn to become proficient using office software applications. **Students will also have the opportunity to take the Coding with Minecraft exam, and or the Microsoft Office Specialist (MOS) Word industry certification exam as a part of the successful completion of this course.**

Coding 2 / Digital Discoveries
Available to 7th grade students

Available to 7th grade students Digital Discoveries in Society is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, and problem solving. In addition to fundamental computer information, the content includes but is not limited to digital technologies associated with problem solving, computer components, internet safety and ethics, web development, animations and games, basic programming techniques, and physical computing. This course encourages students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression. In addition, students are encouraged to look outward and explore the impact of computer science on society. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with equipment, materials and technology. **Students will also have the opportunity to gain Industry and Digital Tool Certificates as a part of their resume and successful completion of this course.**

Coding 3 / Informational Technology, Advanced
Available to 8th grade students

Available to 8th grade students AIT offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers such as a Computer Users Support Specialists, Computer Programmer Assistants, Computer Network Architects, and Computer Systems Analysts in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, as well as knowledge and aspects of the Information Technology career cluster. The content includes but is not limited to practical experiences in computer programming, algorithms, program design structure, logical thinking, development methodologies, essential programming techniques, and implementation issues. **THIS IS A HIGH SCHOOL HONORS LEVEL COURSE AND IT WILL AFFECT YOUR HIGH SCHOOL GPA. Students will also have the opportunity to take the Information Technology Specialist (ITS) Device Configuration and Management, and the Intro to programming using HTML and CSS exams for Industry Certification as a part of their resume and successful completion of this course.**

Robotics
Available to 6th, 7th & 8th grade students

This is a project-based curriculum that teaches students the design, technical, and computer science skills used in a variety of robotic platforms. **Students will have the opportunity to take IC3 Digital Literacy exams as a part of the successful completion of this course. Students will have the opportunity to compete at various local and district robotic events as a part of this course.**

INSTRUCTIONAL SUPPORT
Instructional Support Placement is determined by Principal

Learning Resource/Strategies
Available to 6th-8th students with an IEP

The purpose of this course is to enable students with disabilities to acquire and generalize strategies and skills across academic and community settings to achieve annual goals based on assessed needs and the student's individual educational plan (IEP).

Intensive Reading
Available to 6th, 7th & 8th grade students

The Intensive courses have been designed for the teacher to select and teach only the appropriate standards corresponding to the student's grade and/or instructional level. The courses should not be used in place of grade level English language arts courses and are intended to provide intervention for students who have reading deficiencies.

Reading
Available to 6th, 7th & 8th grade students
Reading classes are intended to help striving learners build their skills through scaffold instruction and text at the student's instructional level, while still providing opportunities for students to grapple with complex text. Teachers provide instruction that enables students to accelerate the development of reading and writing skills with an emphasis on reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts.

Developmental Language Arts,
Available to Available to 6th, 7th & 8th grade students This ELL Students with a Language Classification of A1-A2. The Developmental Language Arts through ESOL classes are designed to enable students who are native speakers of languages other than English instruction to accelerate the development of reading, writing, listening, and speaking skills and to strengthen those skills so they are able to successfully read and write middle grade level text independently. Students are given extensive opportunities to collaborate with their peers as they interact with appropriate standards corresponding to their grade level

Foundational Skills in Mathematics,
Available to Available to 6th, 7th & 8th grade students This ELL Students with a Language Classification of A1-A2. The This course supports students who need additional instruction in foundational mathematics skills as it relates to core instruction. Instruction will use explicit, systematic, and sequential approaches to mathematics instruction addressing all strands including number sense & operations, algebraic reasoning, functions, geometric reasoning and data analysis & probability. Teachers will use the listed benchmarks that correspond to each students' needs.

Effective instruction matches instruction to the need of the students in the group and provides multiple opportunities to practice the skill and receive feedback. The additional time allotted for this course is in addition to core instruction. The intervention includes materials and strategies designed to supplement core instruction.

CAMBRIDGE INTERNATIONAL at APOLLO MIDDLE

Vision Statement

"Motivate and lead students in becoming citizens of the world who will continuously show compassion to others, respect, work cooperatively, and foster their thirst for knowledge and positive change."

The focus and the intent of the Cambridge Lower Secondary Program is to encourage students to use problem-solving skills to access and link together knowledge from across all standards. Cambridge academic content is cross-curricular and emphasizes understanding issues through a global perspective. Throughout the progression of the program, students develop and strengthen their reasoning and communication skills. Content is based on Florida Standards with educational enhancements based on the Cambridge Assessment International Education Standards (Cambridge Standards). Implementation of Cambridge Standards assists teachers in delivering innovative, student-centered, inquiry-based learning in a highly collaborative environment that promotes higher level questioning. Performance tasks are imbedded within the curriculum to provide students the opportunity to apply their knowledge when given authentic context. These tasks require much more than just recall and recognition of facts and concepts. Students are required to transfer their learning to new content-rich problems that may include multiple standards within one performance task. Students are given the opportunity – through various resources, performance tasks, and activities – to become confident, responsible, reflective, innovative, and engaged learners.

6th Grade Students are recommended to have the following:

- **Score a level 3/4/5 on both FAST Reading and Math**
- **A and/or AB grades in elementary school**
- **Strong writing skills**
- **Good attendance (Cambridge focuses on team and group work and attendance is vital for the success of the program)**

Qualities of a Cambridge Student

- **Confident in working with information and ideas – their own and those of others.**
- Cambridge students are confident, secure in their knowledge, unwilling to take things for granted, and ready to take intellectual risks. They are keen to explore and evaluate ideas and arguments in a structured, critical and analytical way. They can communicate and defend views and opinions as well as respect those of others.
- **Responsible for themselves, responsive to and respectful of others**
- Cambridge students take ownership of their learning, set targets, and insist on intellectual integrity. They are collaborative and supportive. They understand that their actions have impacts on others and on the environment. They appreciate the importance of culture, context, and community.
- **Reflective as learners, developing their ability to learn**
- Cambridge students understand themselves as learners. They are concerned with the processes as well as the products of their learning and develop the awareness and strategies to be lifelong learners.
- **Innovative and equipped for new and future challenges**

- Cambridge students' welcome new challenges and meet them resourcefully, creatively, and imaginatively. They are capable of applying their knowledge and understanding to solve new and unfamiliar problems. They can adapt flexibly to new situations requiring new ways of thinking.
- **Engaged intellectually and socially, ready to make a difference**
- Cambridge students are alive with curiosity, embody a spirit of enquiry, and want to dig more deeply. They are keen to learn new skills and are receptive to new ideas. They work well independently but also with others. They are equipped to participate constructively in society and the economy – locally, nationally and globally.

Why Cambridge at Apollo Middle is Outstanding?

What is the Cambridge Program?

The Cambridge Program is an internationally recognized course of study for academically talented and motivated students. It is referred to as AICE (Advanced International Certificate of Education) at the high school level, and "Cambridge –Secondary I", at the middle school level. The program operates under the sponsorship of Cambridge University in England and offers a wide range of classes. In the United States, there are more than 250 Cambridge Schools since the inception of the American program in 1990.

What is the focus of the Cambridge program at Apollo Middle?

The Cambridge courses aim to assist students in becoming a productive contributor to society. Each course makes continuous connections between the curriculum taught in class and the global and social issues surrounding us.

What courses are included in the Cambridge program?

The program includes two core academic subjects in the sixth grade –English and Social Studies with the scope extending each subsequent year. Students will have the opportunity to take Global Perspectives for high school credit in 8th grade.

What is the difference between the Cambridge program and the STEM program at Apollo?

The Cambridge program adheres and follows the curriculum of the Cambridge University and enhances the Broward County curriculum and the Florida Standards. The STEM program enriches the Broward County curriculum with additional resources and strategies for students with wishing to take an in-depth study of science, technology, engineering and mathematics, while meeting the requirements of the Florida State Standards.

May students be in the Cambridge Program and STEM Magnet Program at the same time?

Yes, most definitely. Many students want to be in both programs and at Apollo Middle School, we encourage students to explore all their passions and be a part of both excellent programs.

How can Cambridge Students receive the Florida Bright Future Scholarship?

Participation in the Secondary I portion of the Cambridge International Examinations Pathway at the middle school level is the best way to prepare students to excel in the Cambridge Program in high school and earn an AICE diploma. The AICE Diploma is one of the two paths students may take to earn the highly coveted Florida Bright Future Scholarship. As AICE Diploma holders, students are eligible to receive 100% of the highest amount awarded for tuition and $300 per semester for books and supplies.