Inglewood Middle School
Course Catalog
8th Grade
2017-2018

MISSION STATEMENT

Every Student Future Ready
Prepared for College
Prepared for Global Work Place
Prepared for Personal Success

***Sample* 8th Grade Schedule**

Period	First Semester (1st and 2nd Quarter)	Second Semester (3rd and 4th Quarter)
1	English	English
2	U.S. History/ WA State	U.S. History/ WA State
3	Math	Math
4	Science	Science
5	Fitness 8	ELECTIVE
6	ELECTIVE	ELECTIVE

The Course Catalog is also available on our website:
http://www.lwsd.org/school/ims/Academics/Pages/default.aspx

Inglewood Middle School is closed to enrollment outside of our attendance area.

The Lake Washington School District does not discriminate on the basis of race, color, national origin, sex, disability, age, gender, marital status, creed, religion, honorably discharged veterans, military status, sexual orientation, including gender expression or identity, the presence of any sensory, mental or physical disability, or the use of a trained guide dog or service animal by a person with a disability in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

8th GRADE REQUIRED CLASSES (Class of 2022)

ENGLISH 8/U.S. HISTORY 2/WA STATE — FULL YEAR

WA State standards are the basis for our language arts program. A passing grade in either semester fulfills WA State History Graduation Requirement.
English 8/U.S. History 2/WA State is a year-long, two-period block class which integrates writing, reading, speaking, listening and technology skills in combination with the study of United States history from the period of Post-Civil War Reconstruction to the present. Washington state history is also taught within the historical content. Areas of focus include grammar usage, punctuation, and sentence structure as well as expository, argumentative, and narrative writing strategies. Students participate in three major book studies and additional fiction and nonfiction selections. In addition, they read and study the elements and characteristics of short stories, poetry, as well as textbooks and a variety of reference sources. An emphasis is placed on analysis of primary sources. Students are assessed in a variety of ways which include the following: essays, projects, presentations, group work, performances and tests.

8TH GRADE MATH — FULL YEAR

In this course instructional time focuses on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation and solving linear equations and systems of equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. *District-adopted curriculum: CMP 8 (Connected Math Project—8)*

ALGEBRA 1 — FULL YEAR

Prerequisite: *Meet or exceed the district algebra placement requirements.*
This course is a high school level algebra course that prepares students for State mandated testing required for high school graduation. Students should expect significant rigor because 7th grade students skip the 8th Grade Math course. There are concepts in 8th Grade Math that are not taught to 7th graders. Students will have to master the 8th grade concepts while learning Algebra concepts. Learning what is taught in 8th grade, and Algebra, at the same time is challenging. Perseverance is an important component for success. The course focuses on five critical areas: (1) develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities, and simple exponential functions, and using them to solve problems; (2) compare and contrast linear and exponential functions, translate between different representations, use function notation, and interpret arithmetic sequences as linear functions and geometric sequences as exponential functions; (3) using regression techniques to describe linear relationships quantitatively and make judgments about the appropriateness of linear models; (4) extend the laws of exponents to rational exponents, see structure in and create quadratic and exponential expressions, and solve equations, inequalities and systems of equations involving quadratic expressions; and (5) compare quadratic, linear, and exponential functions to model phenomenon. They also identify the real solutions of quadratic equations as the zeroes of a related quadratic function and expand their experience to more specialized functions – absolute value, step, and those that are piecewise-defined.

Math Pathways: To view Math Pathways, please go to the last page of this catalog, or to the IMS website – Academics: http://www.lwsd.org/school/ims/Academics/Pages/default.aspx

GEOMETRY — FULL YEAR

Prerequisite: *Algebra 1 complete. Inglewood staff recommends that students have a B grade or better in Algebra prior to starting Geometry.*
The fundamental purpose of this course is to formalize and extend students' geometric experiences from the middle grades. The course focuses on six critical areas: (1) establish triangle congruence based on rigid motions and formal constructions and solve problems and prove theorems about triangles, quadrilaterals, and other polygons; (2) build a formal understanding of similarity and apply similarity to right triangle trigonometry and the Pythagorean Theorem, and use the Laws of Sines and Cosines to find missing measures; (3) informal explanations of circumference, area, and volume formulas; (4) build on the Pythagorean Theorem to find distances and use a rectangular coordinate system to verify geometric relationships; (5) prove basic theorems about circles; and (6) compute and interpret theoretical and experimental probabilities of compound events and use probability to make informed decisions.

8th GRADE SCIENCE — FULL YEAR

8th grade science is a yearlong modular, inquiry-based course which builds on physical, earth and life science concepts and processes introduced in grades K-6. Physical, earth and life science are investigated with increasing depth where students plan and conduct their own procedures, devise their own data tables, and analyze and communicate the results they obtain. The physical science module, **Properties of Matter**, enables students to develop their understanding of the physical and chemical properties that characterize matter. The earth science module, **Earth in Space**, develops an understanding of 1) the relationships among the solar system bodies (primarily the Sun, Earth and Moon) and 2) how our study of the solar system helps improve our own understanding of Earth's history and future as a planet. The life science module, **Human Body Systems**, helps students clarify what they already know about their body and through a series of inquiry-based activities understand their body and the systems that keep it alive and healthy. Students will specifically investigate the digestive, respiratory, circulatory and the musculoskeletal systems. The process skills emphasized include measurement, lab safety procedures, experimental design, data gathering, error analysis, data representation and communication of results. Through hands-on lab activities, class discussion, individual and group projects and activities, students investigate science topics relevant to their own lives and build understandings.

8th GRADE REQUIRED CLASSES CONTINUED (Class of 2022)

**Students may choose either 8 Sports and Fitness or Personal Fitness to fulfill their PE requirement..*

8 SPORTS AND FITNESS* **1 SEMESTER**

In Sports and Fitness, students develop competence in motor skills for a variety of team and individual sports. Students will learn to demonstrate proper sportsmanship and etiquette. Students will set fitness goals, track progress, and participate in activities that improve health-related and skill-related fitness. This class will also cover learning to work out properly using the five components of fitness.

PERSONAL FITNESS* (7th & 8th Grades) **1 SEMESTER**

In Personal Fitness students learn to work out properly, experience fitness in fun, exciting new ways, set own personal fitness goals and learn how to reach them. Each class period will be organized to meet multiple health and skill related fitness components (circuit training, core, flexibility, muscular strength, cardio activities).

ELECTIVE CLASSES

WORLD LANGUAGE

*World Language would fulfill 2 elective choices for 8th grade students. *Two consecutive years of the same World Language, taken any time between 8th and 12th grade, fulfills the LWSD World Language graduation requirement.*

FRENCH 1 (8th Grade ONLY) **FULL YEAR**

French 1 fulfills LWSD graduation requirements, it is a year long class designed to develop basic proficiencies in the four skills of communication: listening, speaking, reading, and writing. The content will include vocabulary common to daily needs, basic grammatical structures, and development of sensitivity to an acceptance of cultural differences. This is a rigorous course requiring strong study, listening, and writing skills. The students will be able to write short paragraphs in the present tense and to read short selections, answering questions in French.

SPANISH 1 (8th Grade ONLY) **FULL YEAR**

Spanish 1 fulfills LWSD graduation requirements, it is a year long class designed to develop basic proficiencies in the four skills of communication: listening, speaking, reading, and writing. The content will include vocabulary common to daily needs, basic grammatical structures, and development of sensitivity to an acceptance of cultural differences. This is a rigorous course requiring homework, strong study skills, attentive listening and writing practice. The students will be able to write short paragraphs in the present tense and to read short selections, answering questions in Spanish.

JAPANESE 1 (8th Grade ONLY) **FULL YEAR**

Japanese 1 fulfills LWSD graduation requirements and is a year long class. It is an introduction to basic grammatical structures, idioms, spoken and written Japanese as well as various cultural aspects of Japan. Students will develop sensitivity to and an acceptance of the cultural differences through language study. The goal of this course is for you to be able to express your personal needs in Japanese. Some content areas include daily activities, greetings, family, and hobbies. The syllabaries and compounds written in Romanized form, Hiragana, Katakana as well as Kanji will be introduced and are expected to be memorized. We will be spending the bulk of in class time on oral drills and the spoken language to practice the grammatical structures for each lesson. Therefore, regular attendance is very important. Assignments will be assigned daily. You will need to spend at least half an hour a day on some type of assignment or memorization in this class. You must pass a Hiragana and Katakana exam to pass this course.

MUSIC

SYMPHONIC BAND (7th & 8th Grades) **FULL YEAR**

This class is for all experienced band musicians in 7th and 8th grade. We will work on upper level music of all styles; and learn advanced concepts in performance, technique, composition, and music technology. This class includes evening concerts and visiting guest artists. Come prepared to become crazy good at your instrument and express your creativity! Before taking this class, students must either do an audition with Mrs. Markov or have taken Knight Band. Participating students will need to rent an instrument from either IMS or a music store. Financial aid is available, talk to Mrs. Markov in Rm. 201.

SILVER JAZZ BAND (6th, 7th & 8th Grades) **FULL YEAR**

If you are an experienced musician who wants to travel, compete and perform, Silver Jazz is for you! This is a select band of advanced musicians who take their creativity to a whole new level. We learn to play funk, jazz, rock, swing, Latin, and other styles of music; and showcase our skills at festivals and competitions. Silver Jazz meets after school on Mondays, Tuesdays and Thursdays but does not conflict with sports! To be in Silver Jazz all students must audition with Mrs. Markov in September, and should be taking Symphonic Band or Knight Band at the same time. Any and all exceptions will be determined by Mrs. Markov on an individual basis.

STRING ORCHESTRA (6th, 7th & 8th Grades) **FULL YEAR**

Prerequisite: At least one year previous instruction on an orchestral string instrument.

String Orchestra is a year-long class and will emphasize String Orchestra repertoire, as well as small ensemble experiences, while continuing to advance the student's individual technique on their Violin, Viola, Cello, or Bass. We will also be reading various articles pertaining to music as well as writing some concert reflections. There will be a number of evening performances throughout the year. Additional performances will be possible in a variety of settings outside of the Inglewood Middle School campus. At least one year previous instruction on an orchestral string instrument is required.

CHORUS (7th & 8th Grades) **1 or 2 SEMESTERS**

Do you love to sing? Chorus students will work on developing their vocal technique, learn different styles of music and have a great time. This class includes participation in evening concerts, and other small performances. Everyone is welcome, no previous experience is necessary. This course may be repeated. Contact Mr. Tran in Rm. 202 for more details.

GUITAR (7th & 8th Grades) **1 SEMESTER**

Want to learn to play guitar? Here's your chance! This class is a one semester introduction to learning music and playing the guitar. No experience is necessary, and everyone is welcome! We will learn about all different styles of music, technique, reading notation, and performing. Come with a desire to learn to play music and have fun! *Lab Fee $10.00*

VISUAL ARTS

"I am enough of an artist to draw freely upon my imagination. Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world." *Einstein*

DRAWING 1 (7th & 8th Grades) **1 SEMESTER**

This one semester class introduces you to the Elements of Art – line, shape, form, value, texture, space, and color. Studio practice in the classroom will give you opportunities to experience a variety of media (pencil, pen, ink, scratchboard, and colored pencils) while developing your individual style and creative problem solving skills. You will gain confidence in your own vision and your ability to draw what you see. *Lab Fee $25.00*

DRAWING & PAINTING 2 (7th & 8th Grades) **1 SEMESTER**

Prerequisite: Drawing & Painting 1, Drawing 1, or instructor's approval

Come enjoy this creative environment in which all students learn to see, think, create, and evaluate. This one semester class continues your study in the Elements of Art while introducing you to the Principles of Design- balance, pattern, contrast, variety, movement, proportion and unity. Studio practice in the classroom will give you opportunities to experience a variety of media (colored pencils, print making, watercolor, and acrylic paint) while continuing the development of your individual style and creative problem solving skills. You will demonstrate your ability to respond, to analyze and to interpret your own artwork.

Lab Fee $30.00

WORLD ART (7th & 8th Grades) **1 SEMESTER**

Explore art as an expression of cultural identity as you discover forms of art from around the world and across time, while learning how to paint, draw, print, and sculpt. In this class you will uncover the inspiration for cultural design. Projects may include: Australian Aboriginal Dot Painting, Panamá Mola Panels, Northwest Coast Indian Prints, Ceramic Masks as a Form of Expression, Tibetan Mandalas, African Arm & Face Plaster Casts, Japanese Batik Lanterns, and Aztec Ceramic Suns. *Lab Fee $30.00*

CERAMICS/ POTTERY 1 (7th & 8th Grades) **1 SEMESTER**

This introductory ceramics course is intended for those of you who have some experience drawing but want to expand your artistic abilities with 3-dimensional design. This class will focus on studio work leading to the completion of five projects. You will learn basic ceramic hand-building methods, ceramic glazing procedures, different decorating techniques and ceramic technology and terms. *Lab Fee $30.00*

CERAMICS/ POTTERY 2 (7th & 8th Grades) **1 SEMESTER**

Prerequisite: Ceramics/ Pottery 1 or instructor's approval

This advanced ceramics course is designed for those of you who feel ready to explore larger scale 3-dimensional methods, procedures, techniques and technology. This class will focus on studio work leading to the completion of four projects that you will create as you develop your own unique art style. You will use the basics from the introductory course to create a larger than life object, a nonfunctional teapot, a series of boxes, and one research project of your choice, introducing you to the work of contemporary clay artists. You will learn kiln and raku firing, how to use the extruder, the slab roller, the pug mill, and possibly the wheel. *Lab Fee $30.00*

PERFORMING ARTS

DRAMA (7th & 8th Grades) **1 SEMESTER**

Drama is a semester class that is a fun and active introduction to the world of theatre. Students will participate in fun activities and enhance their skills in theatrical performance. Students will gain confidence through reading, acting and performing. The class will also put together a small production! Course may be repeated.

FAMILY & CONSUMER SCIENCES

In all the Family and Consumer Science (FACS) classes students will have the opportunity to develop leadership skills. Reading, written language and oral communication skills relating to the work place are integrated into the curriculum. STEM (science, technology, engineering, and math) is integrated throughout each course as well.

INDEPENDENT LIVING BASICS (7th & 8th Grades) **1 SEMESTER**

This class offers a variety of experiences in Family and Consumer Sciences. Topics include food preparation, nutrition, basic sewing and clothing care, financial fitness, child development (includes an optional short baby simulator experience), and interior design while reinforcing, reading, writing, technology, math and science. *Lab Fee $25*

FOODS & CULINARY FOUNDATIONS (7th & 8th Grades) **1 SEMESTER**

Throughout our lives we develop a relationship with food! In this class you will prepare an impressive variety of foods. Students exhibit initiative, organization, creativity, independence and personal responsibility. Topics covered include use of small and large appliances, lab planning and food preparation skills, time management, measuring/mixing equipment skills, teamwork, leadership, and organizational skills. Areas of study include: Food and kitchen safety, nutrition, food preparation, food industry careers, and foods from various cultures.

Lab Fee $25

TECHNOLOGY

MEDIA PRODUCTION (7th & 8th Grades) **1 SEMESTER**

Media Production is a one semester class that gives students the opportunity to explore the techniques and equipment used in film making as they learn about storyboarding, screenplays, lighting, sound, camera movement and angles, special effects, and editing their video projects. Video projects in the class are group activities where students will have the opportunity to practice leadership and team skills as well as develop their creativity. *Lab Fee $10.00*

STEM I (7th & 8th Grades) **1 SEMESTER**

Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. Using Autdodesk® design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions. Demonstrate and expand your skills in leadership, critical thinking and problem solving. Learn about engineering, manufacturing, basic woodworking and workplace readiness skills while incorporating academic concepts and the process of design and developments. Instruction includes sketching, measurement, safety, and use of common woodworking tools and machines. *Lab Fee $20.00*

STEM II (7th & 8th Grades) **1 SEMESTER**

Prerequisite: *Successful completion of STEM I*

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has Cerebral Palsy. Demonstrate your teamwork skills as you experience real-world, problem-based learning by utilizing tools, materials and processes. Be a creative innovator and critical thinker as you make meaningful connections between school and community while exploring new ideas, participate in research activities and engage in exciting learning experiences.

Lab Fee $20.00

AUTOMATION AND ROBOTICS I (7th & 8th Grades) **1 SEMESTER**

Students learn about the history and impact of automation and robotics as they explore mechanical systems, energy transfer, machine automation, and computer control systems. Using the VEX Robotics® platform, students apply what they know to design and program traffic lights, robotic arms and more. Participate in a variety of robotic projects as you experience the jobs of a Mechanical, Electrical and Computer Engineer. Apply the design process as you use industry-leading technology, learn sketching techniques, measuring and dimensioning, and computer modeling fundamentals necessary to solve an engineering problem. Design mechanical and automated systems that meet desired needs within realistic constraints. *Lab Fee $15.00*

AUTOMATION AND ROBOTICS II (7th & 8th Grades)

1 SEMESTER

Requirement: Successful completion of AR 1

Be part of an engineering design team! Challenge other class teams as you participate in simulated projects such as "Road Trip", "Pick and Place" and "Factory Assembly Line". Design furniture and a playground. Your class will work as an engineering design team in a variety of realistic projects as you demonstrate your understanding of the design process, implement problem solving techniques, use modern engineering tools (CAD, VEX and programming software), and apply teamwork skills to communicate with your partners. This course is a continuation of the Gateway to Technology curriculum and builds up on the foundation units *Design & Modeling* and *Automation & Robotics*. *Lab Fee $15.00*

GENERAL ELECTIVES

LEADERSHIP 1 (7th & 8th Grades) **1 SEMESTER**

Leadership 1 is a one semester class for responsible and innovative seventh and eighth graders who wish to make a difference at Inglewood Middle School. Students are responsible for organizing and helping with student recognition. The class is based on the book titled, *The World's Most Powerful Leadership Principle.* Students will learn important key ideas to gain influence and have fun serving your school. Students do not need to turn in an application to be in Leadership 1.

LEADERSHIP 2 (8th Grade ONLY) **1 SEMESTER**

Prerequisite: Leadership 1 or teacher approval

Leadership 2 is a one semester class for responsible and innovative 8th graders who wish to continue their leadership training. They will build upon the ideas learned in Leadership 1 and continue to develop their character and leadership skills. In this class, students will plan assemblies, dances, charity drives, student recognition events, and lunchtime activities. Be prepared to make a positive, lasting difference in our school as a result of your hard work. Students must be cleared by administration and have all C's or above in their spring semester of 7th grade year. If there are more students than the class can accommodate a lottery will be used to determine placement.

PEER TUTOR/ STUDENT AIDE PROGRAM (7th & 8th Grades) **1 SEMESTER**

Student Aides support student learning in the Transition Program. Designed for patient and caring students who wish to gain skills in serving as positive role models and peer mentors. Limited aide positions are available, if there are more students than the class can accommodate a lottery will be used to determine placement.

MATH/SCIENCE TUTOR (8th Grade ONLY) **1 SEMESTER**

Prerequisite: Math teacher's signature required.

Math/Science Tutoring is a one semester class that gives students the opportunity to help other students in math or science by assisting in a Math or Science class. Open to Algebra and Geometry students.

STUDY SKILLS (7th & 8 Grades) **1 OR 2 SEMESTERS**

In Study Skills students will focus on learning skills that will help them maximize their learning. Strategies that will be focused on include: organizational skills, goal setting, note taking, calendaring, prioritizing, test taking skills and self-advocacy. Student use of electronic academic tools will also be taught. This includes the use of Haiku and accessing online grade-book data. Any student is welcome to sign-up for this class, however priority will be given to students that are recommended by Inglewood staff members.

ACADEMIC INTERVENTION CLASS

SAFETY NET (7th & 8th Grades) **FULL YEAR**

Prerequisite: Qualifying assessment scores and teacher recommendation

Safety Net is a one or two semester class for qualified students needing academic support and remediation in reading, writing, and/or math. Students will receive extra help on their assignments, projects, and test preparation, as well as targeted instruction in reading, writing, and/or math. The class will include small group instruction, peer tutoring, and one-on-one assistance.

Based on score results of state testing and/or academic grade performance, some students may be placed in an intervention support class such as Safety Net or Study Skills, in lieu of Elective class requests.

SPECIAL EDUCATION

Classes are designed for students who have a current Individual Education Plan (IEP) which call for specially designed instruction (SDI) in reading, writing, math, organization, social, and/or behavior. Based on individual educational need, students will be enrolled in one or more Special Education classes. ***Placement decisions for classes are based on IEP team decisions.***

SDI ACADEMIC SUPPORT (6th, 7th & 8 Grades) **1 or 2 SEMESTERS**

Specially designed instruction (SDI) in reading, writing, math, organization, social and/or behavior goals is provided to assist students' access to the general education curriculum. In addition to receiving specially designed instruction (SDI) in qualifying areas, study skills and organizational strategies are provided through the students' content-area assignments/projects. *If placed, this class will replace an elective.*

SDI ENGLISH (6th, 7th & 8 Grades) **FULL YEAR**

This class replaces the core general education curriculum for students that qualify for specially designed instruction (SDI) in basic reading, comprehension and/or written expression. The general education curriculum is adapted and modified to ensure that the activities are highly engaging and allow students to have access to the general education curriculum while working towards IEP goals. Students also participate in highly engaging lessons through - Inside: Language, Literacy, and Content to develop reading and writing skills.

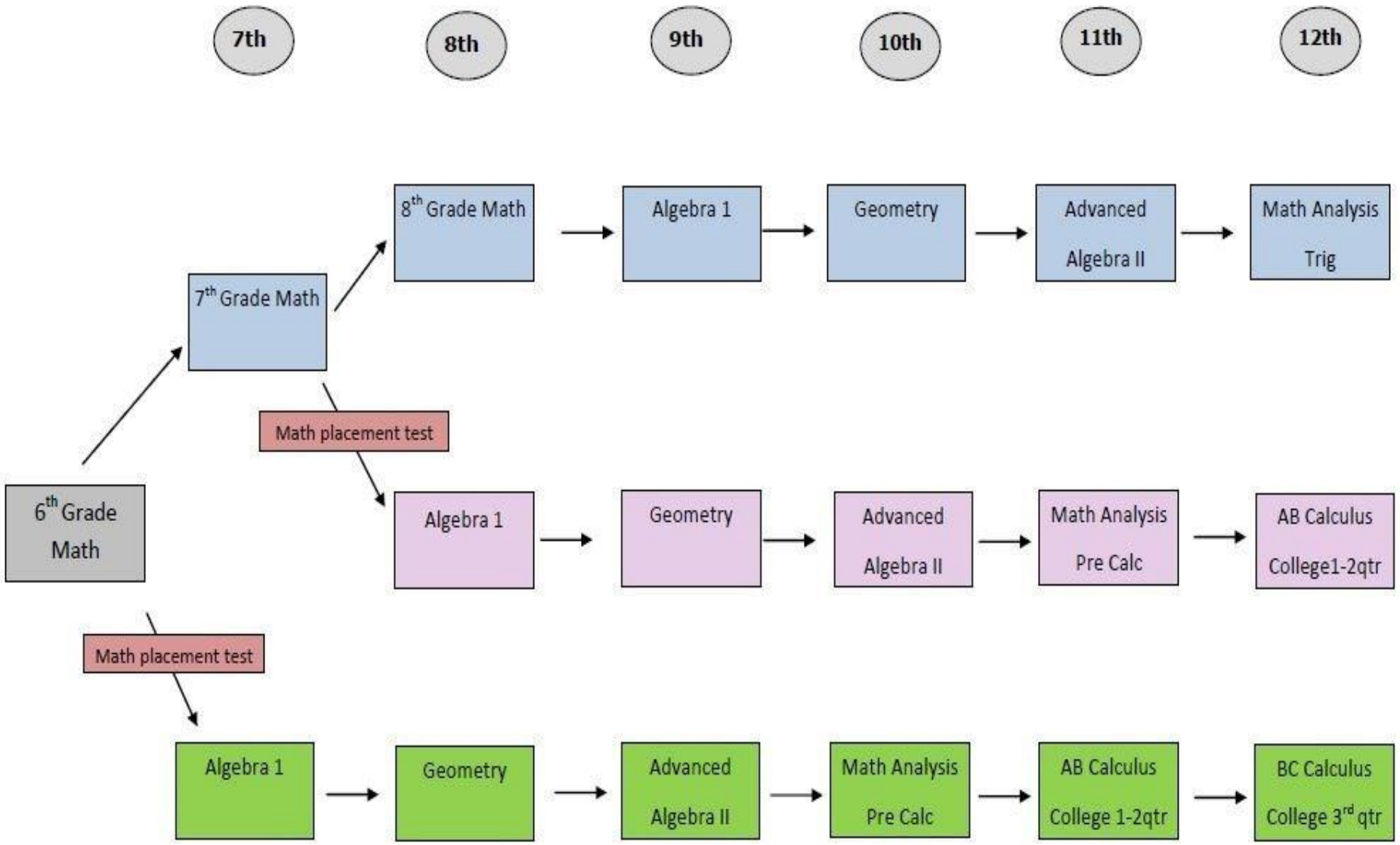
SDI GENERAL MATH (6th, 7th & 8 Grades) **FULL YEAR**

This class replaces the core general education curriculum for students who qualify for specially designed instruction (SDI) in basic math calculation and problem solving. Units are based on the following mathematical content: Fractions, Percent, Integers, Problem Solving, Pythagorean Theorem, Linear Functions, Inequalities, and Probability.

SDI SOCIAL SKILLS (6th, 7th & 8 Grades) **1 or 2 SEMESTERS**

This class provides specially designed instruction (SDI) for students who qualify in social skills and social communication. Through role-playing, group and individual discussion, Social Behavior Mapping and team-building activities, students learn the subtle nuances of social communication, the Hidden Curriculum, conversation skills, perspective taking, working in small groups and with teachers, self-regulation, figurative language, social judgment, and the unwritten rules of social relationships. *If placed, this class will replace an elective.*

TRANSITION PROGRAM (6th, 7th & 8 Grades) **FULL YEAR**

All grade levels; this academic, social and pre-vocational program supports students toward gaining independence through specially designed instruction prescribed by each student's IEP.

Middle School Math Pathway