

MindBridge Learning Academy

Curriculum Guide and Course Description



Education and Innovation

2026-27

MindBridge Education MindBridge Learning Academy

2026-27 Curriculum and Course Guide

Middle School



English Language Arts

- 6 M/J Language Arts I or M/J Language Arts I Adv.
- 7 M/J Language Arts II or M/J Language Arts II Adv.
- 8 M/J Language Arts III or M/J Language Arts III Adv.

Mathematics

- 6 M/J Mathematics I or M/J Mathematics I ACCEL
- 7 M/J Mathematics II or M/J Mathematics II ACCEL
- 8 Pre-Algebra or Algebra I (High School Credit)

Science

- 6 M/J Life Science or M/J Life Science Advanced or M/J STEM Life Science
- 7 M/J Earth Space Science or M/J Earth Space Science Advanced or M/J STEM Earth Space Science
- 8 M/J Physical Science or M/J Physical Science Advanced or M/J STEM Physical Science

Social Studies

- 6 M/J Social Studies
- 7 M/J Civics and Career Planning
- 8 M/J US History

Electives

- 6 Exploratory Wheel: Horticulture, Family Consumer Science, Agriscience, Technology, Art, Physical Education
- 7 Exploratory Wheel: Horticulture, Family Consumer Science, Agriscience, Technology, Art, Physical Education
- 8 Digital Art (Semester), Physical Education (Year), Peer Counseling (Semester), Research and Critical Thinking (Semester), Foreign Language (Year), American Sign Language (Year)

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Curriculum and Course Descriptions

Middle School

English Language Arts

6 M/J Language Arts I or M/J Language Arts I Adv.

This course defines what students should understand and be able to do by the end of the grade level. Knowledge acquisition should be the primary purpose of any reading approach. The systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

7 M/J Language Arts II or M/J Language Arts II Adv.

This course defines what students should understand and be able to do by the end of 7th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

8 M/J Language Arts III or M/J Language Arts III Adv.

This course defines what students should understand and be able to do by the end of 8th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

Mathematics

6 M/J Mathematics I

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations. In grade 6, instructional time will emphasize five areas: (1) performing all four operations with integers, positive decimals and positive fractions with procedural fluency; (2) exploring and applying concepts of ratios, rates and

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Middle School

Mathematics cont.

6 M/J Mathematics I

percent to solve problems; (3) creating, interpreting and using expressions and equations; (4) extending geometric reasoning to plotting points on the coordinate plane, area and volume of geometric figures and (5) extending understanding of statistical thinking.

6 M/J Mathematics I ACCEL

In grade 6 accelerated, instructional time will emphasize five areas: (1) performing all four operations with rational numbers with procedural fluency; (2) exploring and applying concepts of ratios, rates, percentages and proportions to solve problems; (3) creating, interpreting and using expressions, equations and inequalities; (4) extending geometric reasoning to plotting points on the coordinate plane, area and volume of geometric figures and (5) extending understanding of statistical thinking to represent and compare categorical and numerical data..

7 M/J Mathematics II

In grade 7, instructional time will emphasize five areas: (1) recognizing that fractions, decimals and percentages are different representations of rational numbers and performing all four operations with rational numbers with procedural fluency; (2) creating equivalent expressions and solving equations and inequalities; (3) developing understanding of and applying proportional relationships in two variables; (4) extending analysis of two- and three-dimensional figures to include circles and cylinders and (5) representing and comparing categorical and numerical data and developing understanding of probability.

7 M/J Mathematics II ACCEL

In grade 7, instructional time will emphasize five areas: (1) recognizing that fractions, decimals and percentages are different representations of rational numbers and performing all four operations with rational numbers with procedural fluency; (2) creating equivalent expressions and solving equations and inequalities; (3) developing understanding of and applying proportional relationships in two

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Curriculum and Course Description

Middle School

Mathematics cont.

7 M/J Mathematics II ACCEL

variables; (4) extending analysis of two- and three-dimensional figures to include circles and cylinders and (5) representing and comparing categorical and numerical data and developing understanding of probability.

8 Pre-Algebra

In grade 8, instructional time will emphasize six areas: (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which includes irrational numbers; (2) generate equivalent numeric and algebraic expressions including using the Laws of Exponents; (3) creating and reasoning about linear relationships including modeling an association in bivariate data with a linear equation; (4) solving linear equations, inequalities and systems of linear equations; (5) developing an understanding of the concept of a function and (6) analyzing two-dimensional figures, particularly triangles, using distance, angle and applying the Pythagorean Theorem.

8 Algebra I or Algebra I Honors (High School Credit) Possible *EOC Requirement

In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

Note: Students who plan to attend public school may be required to meet the State of Florida End of Course or EOC Requirement. Parents must consent to testing on the registration form at the beginning of the year.

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Middle School

Science

6 M/J STEM Life Science

This course is an integrated Science, Technology, Engineering and Mathematics (STEM) course for middle school students. M/J STEM Life Science includes an integration of standards from science, mathematics, and english language arts (ELA) through the application to STEM problem solving using life science knowledge and science and engineering practices. Life science through applications such as biotechnology and biomedical engineering, are emphasized in this course. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

7 M/J STEM Anatomy and Space Science

This course is an integrated Science, Technology, Engineering and Mathematics (STEM) course for middle school students. M/J STEM Physical Science includes an integration of standards from science, mathematics, and english/language arts (ELA) through the application to STEM problem solving using physical science knowledge and science and engineering practices. Physical sciences through applications such as aeronautics, robotics, rocketry, mechanical, electrical, and civil engineering, are emphasized in this course. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

8 M/J STEM Physical Science

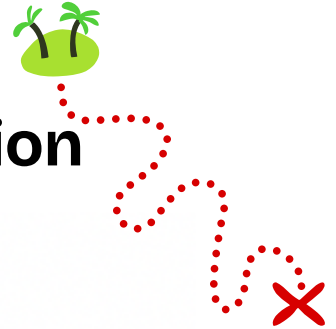
This course is an integrated Science, Technology, Engineering and Mathematics (STEM) course for middle school students. M/J STEM Physical Science includes an integration of standards from science, mathematics, and english/language arts (ELA) through the application to STEM problem solving using physical science knowledge and science and engineering practices. Physical sciences through applications such as aeronautics, robotics, rocketry, mechanical, electrical, and civil engineering, are emphasized in this course.

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Middle School

Science continued

8 M/J STEM Physical Science cont.

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Social Studies

6 M/J Social Studies

In grade 8, instructional time will emphasize six areas: (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which

7 M/J Civics and Career Planning

In grade 8, instructional time will emphasize six areas: (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which

8 M/J US History

In grade 8, instructional time will emphasize six areas: (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which

Electives

6 **7** Exploratory Wheel: Horticulture, Family Consumer Science, Agriscience, Technology, Art, Physical Education

Horticulture: Students dive into hands-on gardening as they plant, tend, and harvest ingredients they grow themselves. Each lesson turns their hard work into fun, creative farm-to-table experiences. Students explore how food travels from soil to plate in ways that spark curiosity and confidence. By the end, they'll proudly say, "Look what we have created!"

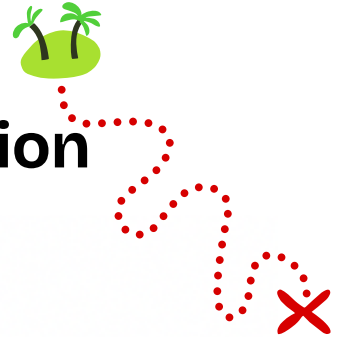
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Curriculum and Course Description

Middle School



Electives continued

Family Consumer Science: Students jump into hands-on projects that make everyday life skills exciting and empowering. They cook simple meals, practice smart budgeting, and explore sewing and safety through creative, real-world activities. Each lesson helps them understand how daily decisions shape healthy, confident living. By the end, students will proudly say, "I can do this!"

Agriscience: In Agriscience I: Introduction, you'll explore how agriscientists play key roles in improving agriculture, food production, and the conservation of natural resources along with the technologies used to keep the field thriving. Are you ready to explore the diverse careers in agriscience and how you can prepare to positively impact the planet? Let's get growing!

Technology: Coding 1a & 1b Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret?

Art: Art tells a story. Go on a journey of when humans began creating art in prehistoric times to ancient Roman, early Christian, and Medieval periods. Explore the artistic characteristics of the Renaissance, Americas, Baroque, Romantic, and more. Learn the elements and design principles of art, and about some of the greatest artists in the world, while creating your own art, both on paper and digitally. It's time to tell your story through art.

Physical Education: Physical fitness is important for all ages, and middle school is the perfect time to discover activities that you enjoy and develop good fitness habits. In this course, you will measure your baseline fitness, set fitness goals, and check in with your progress at various times throughout the course. You'll learn the fundamentals of activities like dance and gymnastics, soccer, football, basketball, volleyball, baseball/softball, and more. You'll also learn how to power your body through macronutrients and develop an exercise plan that can grow with you as you change and evolve. Let's get started building the healthiest you!

American Sign Language 1a & 1b Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.

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Electives continued

- 8** Digital Art (Semester), Physical Education (Year), Peer Counseling (Semester), Research and Critical Thinking (Semester), American Sign Language (Year)

Digital Art: Students jump into hands-on projects that make everyday life skills exciting and empowering. They cook simple meals, practice smart budgeting, and explore sewing and safety through creative, real-world activities. Each lesson helps them understand how daily decisions shape healthy, confident living. By the end, students will proudly say, "I can do this!"

Peer Counseling: In Agriscience I: Introduction, you'll explore how agriscientists play key roles in improving agriculture, food production, and the conservation of natural resources along with the technologies used to keep the field thriving. Are you ready to explore the diverse careers in agriscience and how you can prepare to positively impact the planet? Let's get growing!

Research & Critical Thinking: Coding 1a & 1b Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret?

American Sign Language 1a & 1b Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Importantly, explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.

American Sign Language 2a & 2b: It's time to move beyond introductory ASL signs and start forming more compelling signs for communication. Explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies.

Physical Education: Physical fitness is important for all ages, and middle school is the perfect time to discover activities that you enjoy and develop good fitness habits. In this course, you will measure your baseline fitness, set fitness goals, and check in with your progress at various times throughout the course. You'll learn the fundamentals of activities like dance and gymnastics, soccer, football, basketball, volleyball, baseball/softball, and more. You'll also learn how to power your body through macronutrients and develop an exercise plan that can grow with you as you change and evolve. Let's get started building the healthiest you!

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High School Course Options

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11

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English

English I & English I Honors
English II & English II Honors
English III & English III Honors
English IV & English IV Honors

Mathematics

Algebra I & Algebra I Honors
Algebra II & Algebra II Honors
Geometry I & Geometry I Honors
Pre- Calculus
Calculus
Probability & Statistics

Science

Anatomy and Physiology I & Honors
Biology I & Biology I Honors
Chemistry I & Chemistry I Honors
Physical Science & Physical Science Honors
Marine Science
Physics I & Physics I Honors
Earth Space Science & Earth Space Science Honors

Social Studies

World History
US History
Economics (S1) Government (S2)

Electives

Forensic Science
HOPE
Psychology

Note: The student and/or parent can personalize course selection. Courses not listed in the options above can be added to an individual schedule if available during course selection.

9 9th

10 10th

11 11th

12 12th

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Curriculum and Course Description

High School

English

English I & English Honors

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

English II & English II Honors

This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

English III & English III Honors

This course defines what students should understand and be able to do by the end of 11th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

English IV & English IV Honors

This course defines what students should understand and be able to do by the end of 12th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

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High School

Mathematics

Algebra I & Algebra I Honors

In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

Algebra II & Algebra II Honors

In Algebra 2, instructional time will emphasize five areas: (1) extending arithmetic operations with algebraic expressions to include radical and rational expressions and polynomial division; (2) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic; (3) building functions using compositions, inverses and transformations; (4) extending systems of equations and inequalities to include non-linear expressions and (5) developing understanding of the complex number system, including complex numbers as roots of polynomial equations.

Geometry & Geometry Honors

In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.

Calculus Honors

In Calculus Honors, instructional time will emphasize four areas: (1) developing understanding of limits and continuity of functions; (2) finding derivatives and applying them to motions, slopes, related rates and optimizations; (3) applying limits and derivatives to graph and analyze functions and (4) evaluating integrals and applying them to areas, volumes, average values and differential equations.

PreCalculus Honors

In Precalculus Honors, instructional time will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

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High School

Mathematics continued

Probability and Statistics Honors

In Probability and Statistics Honors, instructional time will emphasize four areas: (1) creating and interpreting data displays for univariate and bivariate categorical and numerical data; (2) comparing and making observations about populations using statistical data, including confidence intervals and hypothesis testing; (3) extending understanding of probability and probability distributions and (4) developing an understanding of methods for collecting statistical data, including randomized trials.

Science

Anatomy and Physiology and Anatomy and Physiology Honors

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the high school level, all students should be in the science lab or field, collecting data every week.

Biology I and Biology I Honors

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Chemistry I and Chemistry I Honors

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Earth Space Science & Earth Space Science Honors

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

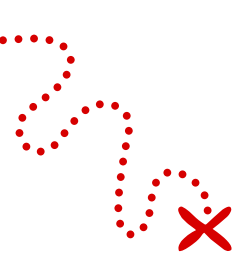
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Curriculum and Course Description



High School

Science continued

Marine Science I

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Physical Science & Physical Science Honors

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Physics I and Physics I Honors

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Social Studies

World Historu

The grade 9-12 World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

Psychology

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

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Curriculum and Course Description

High School

Social Studies continued

US History

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. 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.

Economics

Economics course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

American Government

The grade 9-12 United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

Electives

Forensic Science

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

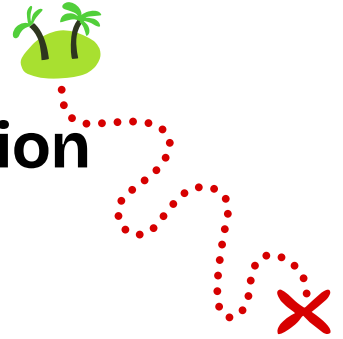
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High School



Electives

HOPE- Health Opportunities through Physical Education

The purpose of this course is to develop and enhance behaviors that influence healthy lifestyle choices, student health and physical fitness. The full benefit of this course is achieved when students are taught using a comprehensive approach. In addition to the physical education content, specific health education topics within this course include, but are not limited to:

- Injury Prevention and Safety
- Internet Safety
- Nutrition
- Personal Health
- Prevention and Control of Disease
- Substance Use and Abuse Prevention
- Awareness of the Benefits of Abstinence
- Prevention of Teen Dating Violence and Abuse
- Resiliency Education