

English Language Arts

- The English Language Arts class is designed to ensure that all students develop the necessary reading, writing, speaking, listening and language skills to be ready for college or a career.
- Students will explore a variety of texts, including literature, non-fiction, magazines, newspaper, films and online resources to gain a deeper understanding of themselves, others and the world around them.
- Classroom activities will include projects, small group collaboration and discussion of high-interest texts.

Math

- The Math class is designed to develop students' math computation and problem-solving application skills that will be necessary in most workplaces, post-secondary schools and communities.
- Students will work on their ability to:
 - Make sense of problems and persevere in solving them;
 - Develop an understanding of various math strategies and select the appropriate one for a given problem; and
 - Use math tools strategically and accurately.
- Algebra, Geometry and Algebra II/Trig will be integrated into the course as the students become ready.
- Opportunities for more advanced math study will be made available as students advance through the curriculum.

Science

- In this course, through the use of a wide variety of authentic scientific tools and technology, students will learn about three major areas of science:
 - Physical (Physics and Earth Science)

- Life (Biology)
- Chemistry
- Students will explore scientific processes through hands-on investigations and projects that connect to both their unique interests and real world problems.
- The curriculum emphasizes the development of critical thinking skills, as well as frequent opportunities for collaborations between students.

Social Studies

- This class emphasizes the development of students' critical thinking skills and understanding of key vocabulary, concepts and oral/writing skills through studying topics such as:
 - Civics/government;
 - Economics;
 - Geography;
 - United States/Missouri history;
 - Contemporary issues; and
 - Multiculturalism.
- Students will come to understand and appreciate how historical events continue to impact our world today and use their knowledge of history as a frame of reference to understand contemporary events and cultures.
- Students will have a wide array of authentic tools at their disposal including maps, globes and websites to explore cultures and history.

Learning Strategies

- This class will provide students with the opportunity to focus on essential reading, writing, math, language, social and executive functioning skills according to their specific needs.
- Learning goals are identified for each student and they are able to work on these goals through small group work, one-on-one instruction and/or computerized learning programs.
- Students will receive elective credit in the area of discipline they are focusing on as they meet their goals.

Fine Arts

- This course focuses on the development of creative self-expression through visual and musical arts, as well as fostering an appreciation for the arts within students.
- Students will learn to select and apply a variety of artistic techniques, processes, themes, elements and principles to communicate their ideas and respond to those of others.
- Students will also develop an understanding of the reciprocal influence visual/performing arts, literature, science and history have on one another, as well as how cultures across the globe have used art to express their life experiences.

Health/Physical Education

- This course aims to develop an appreciation for lifetime wellness through physical fitness and healthy life choices so that students may apply this wellness to their own lives.
- Areas of study that students will focus on throughout this course are
 - Structure and function of body systems
 - Nutrition
 - First aid
 - Adolescent health and issues related to responsible decision and social problem solving
 - Personal fitness
 - Individual and team sports

Practical Arts

- This course is designed to provide students with a variety of learning experiences related to post-secondary careers and transition into adult life.
- Practical arts will be offered through independent study using MO-VIP online course work alongside classroom learning, while also incorporating personalized learning experiences in the community.
- While student interest will determine what subjects they will study, some potential topics include:
 - Technology applications;

- Website design;
- Keyboarding;
- Family and consumer education;
- Culinary arts;
- Career explorations;
- Business and marketing; and
- Industry and building trades.

World Languages

- This course is available to Miriam Academy students through MO-VIP (Missouri Virtual Instruction Program) online study or as an after school activity.
- Courses in Spanish and American Sign Language are available for students pursuing post-secondary plans that require 1 or 2 years of world language study or for those who have a personal interest in learning a language.