**English**

**Language Arts 6**  
**ENG65**  
**1:00 Credit**  
**Grade 6**

Students are introduced to the various genres in literature. They read, discuss, and analyze short stories, novels, non-fiction, drama, and myths; they learn to appreciate the beauty of language in poetry. Students learn how to use critical thinking skills and academic vocabulary when responding to literature by using specific details to reinforce their responses. Learning Greek and Latin roots and affixes helps them improve their vocabulary understanding as well as usage in writing. Writing a well-crafted essay is the emphasis of the Grade 6 writing and grammar program.

**Language Arts 7**  
**ENG75**  
**1:00 Credit**  
**Grade 7**

Students learn how a piece of literature is crafted. They analyze author’s purpose and structure throughout the various genres. Vocabulary acquisition remains a key factor in appreciating literature as well as improving writing skills. Composition focuses on the longer essay, particularly analyzing literature and persuasive writing. A working knowledge and use of sentence structure help improve quality writing.

**Language Arts 8**  
**ENG85**  
**1:00 Credit**  
**Grade 8**

Students become acquainted with a wide range of challenging literature from around the world. The use of academic vocabulary in writing and discussion is emphasized. The writing aspect of this course centers on developing and writing a research paper, using both traditional and electronic sources. A comprehensive review of grammar and usage enables students to speak and write on an advanced level.

**Ancient Civilization 6**  
**SOC64**  
**1:00 Credit**  
**Grade 6**

Ancient Civilizations is a one year course taught in the 6th grade. The course begins with a review of basic geographic terminology and map skills. The course continues with foundations of government, political systems, citizenship, and basic economics. The course continues to look at various cultures, religions, science and technology. The fundamental social studies skills and concepts are a good introduction to ancient world civilizations. The course focuses on several civilizations including the Ancient Far East, Ancient Egypt and Nubia, Judaism, Ancient India and China, Ancient Greece, through the Rise and Fall of the Roman Empire, including the spread of Christianity.

**Foreign Language**

**Intro to Spanish 6**  
**WL506**  
**.05 Credit**  
**Grade 6**

This first level introduce students to the fundamental ideas of Spanish study. Emphasis will be placed on pronunciation, basic grammatical structures, and vocabulary. The course will also offer an elementary approach to listening, reading comprehension and writing. Students will be offered a variety of tools and techniques to assist them in gaining the necessary basic skills and confidence needed to acquire a foreign language.

**Spanish Intro 7**  
**WL505**  
**.05 Credit**  
**Grade 7**

Students in grade seven are exposed to the Spanish language in this elementary beginner’s course that meets twice a week. Topics covered include greetings, numbers, the calendar, time, weather, family and other basic information. The premise is to introduce the concept of a new language to students and prepare them for further study.

**Spanish 8**  
**WL508**  
**1:00 Credit**  
**Grade 8**

This is an introductory course in Spanish and Hispanic culture. The student’s Spanish vocabulary, knowledge of basic sentence formation, listening and writing skills will be developed in a thematic approach around such topics as greetings, clothing, weather, times, colors, numbers and the classroom.
**Intro to Mandarin 6**  
**WL560**  
**0.05 Credit**  
**Grade 6**  
This first level introduces students to the fundamental ideas of Mandarin study. Emphasis will be placed on pronunciation, basic grammatical structures, and vocabulary. The course will also offer an elementary approach to listening, reading comprehension and writing. Students will be offered a variety of tools and techniques to assist them in gaining the necessary basic skills and confidence needed to acquire a foreign language.

**Mandarin 7**  
**WL561**  
**0.05 Credit**  
**Grade 7**  
After Intro to Mandarin, students will take this class. This class will introduce students to the fundamental ideas of Spanish study. Emphasis will be placed on pronunciation, basic grammatical structures, and vocabulary. The course will also offer an elementary approach to listening, reading comprehension and writing. Students will be offered a variety of tools and techniques to assist them in gaining the necessary basic skills and confidence needed to acquire a foreign language.

**Mandarin 8**  
**WL562**  
**1:00 Credit**  
**Grade 8**  
During the course of Mandarin 8, students will continue developing the basic skill foundation of writing, reading, listening and speaking in Mandarin. They will also develop a better understanding of the similarities and differences between cultures and language as they examine the influence of beliefs and values of the target language.

**Math**

**Math 6**  
**MAT62**  
**1:00 Credit**  
**Grade 6**  
In this course students will learn a combination of rational numbers, patterns, integers and geometry. A preparation for one and two step equations and inequalities. Guided Problem Solving strategies provide the tools needed for the students to be effective and independent learners. Fractions, rational numbers and operations lead to the skills needed for solving algebraic equations.

**Pre-Algebra (7)**  
**MAT72**  
**1:00 Credit**  
**Grade 7**  
This course has a structured approach. The concepts covered are: ratios, percentages, equations, inequalities, graphing, probability and geometry. Problem solving helps the student prepare for Algebra and standardized testing.

**Algebra I (8)**  
**MAT82**  
**1:00 Credit**  
**Grade 8**  
This course consists of a solid foundation of Algebra 1. A review of rational numbers, integers, and real number sets allow the student to solve equations, inequalities and make use of functions for the first time. Real world applications allow for more abstract algebraic concepts to be introduced.

**Religion**

**Theology 6**  
**THG60**  
**1:00 Credit**  
**Grade 6**  
In this course students will be oriented to a religion class setting, which involves prayers, activities, Mass and the celebration of the Sacraments. Students will live and hope in the Good News of Jesus Christ! *This course* guides students on their journey of discipleship as they learn, celebrate, choose, pray, share, and live the Good News of Jesus Christ.
Theology 7 \hspace{2cm} THG70 \hspace{2cm} 1:00 Credit \hspace{2cm} Grade 7
This course centers on Jesus’ life, His teachings, and the Sacraments He instituted. It presents Jesus’ call to each of us to become His disciple and the ways in which His teachings, His Sacraments, and His Church nourish us for discipleship.

Theology 8 \hspace{2cm} THG80 \hspace{2cm} 1:00 Credit \hspace{2cm} Grade 8
In this course students will grow as Jesus’ disciples and members of the Church by: gathering, believing and responding. This course presents the Church, from Her beginning at the Pentecost event through Her history, encompassing Her teachings and Tradition. It presents the mission of the Church, entrusted to Her by Jesus, as the responsibility of all baptized Catholics.

Social Studies

Ancient Civilization 6 \hspace{2cm} SOC64 \hspace{2cm} 1:00 Credit \hspace{2cm} Grade 6
Ancient Civilizations is a one year course taught in the 6th grade. The course begins with a review of basic geographic terminology and map skills. The course continues with foundations of government, political systems, citizenship, and basic economics. The course continues to look at various cultures, religions, science and technology. The fundamental social studies skills and concepts are a good introduction to ancient world civilizations. The course focuses on several civilizations including the Ancient Far East, Ancient Egypt and Nubia, Judaism, Ancient India and China, Ancient Greece, through the Rise and Fall of the Roman Empire, including the spread of Christianity.

Modern World Civilization I \hspace{2cm} SCI84 \hspace{2cm} 1:00 Credit \hspace{2cm} Grade 8
World Civilizations II is a one year course taught in the 8th grade. Students will study the development of world civilizations after the fall of the Roman Empire. Included areas of study are the histories of the major empires and political entities of this period: the Ottoman Empire, the Chinese dynasties, the Byzantine Empire, and the major pre-Columbian civilizations. Students examine the important political, economic, and religious developments of this period, including the development of Christianity and Islam, the conflicts between them in different parts of the world, and the beginnings of European influence on the Western Hemisphere. Finally, students study the development of democratic, scientific, and secular thought in the major events and developments of European history.

World Geography 7 \hspace{2cm} SOC74 \hspace{2cm} 1:00 Credit \hspace{2cm} Grade 7
World Geography is a one-year course taught in the 7th grade. Topics will include the five themes of geography: Location, Place, Region, Movement, and Human-Environmental Interaction. In addition the course will discuss population, culture, and natural resources. The class will also analyze numerous governments, social organizations, and economies. After the fundamentals of geography are established, the class will progress to a broad overview of individual continents and countries. The course is not limited to physical geography, but includes human characteristics and how humans interact within their environments.

Science

Science 6 \hspace{2cm} Earth Science \hspace{2cm} SCI63 \hspace{2cm} 1:00 Credit \hspace{2cm} Grade 6
The sixth grade science curriculum focuses on various aspects of Earth and Space Science. Students will study a variety of topics associated with the dynamic earth. Students will also be introduced to an investigation of the earth’s water as an important natural resource. The exploration will culminate with a detailed study of the solar system and space exploration.
Science 7  Life Science  SCI73  1:00 Credit  Grade 7
The seventh grade science curriculum focuses on various aspects of Life Science. The study of living things will begin with an investigation of the cell and use of the microscope. Students will explore important cellular organelles and their function in the life of the cell. Students will also study the human body as an example of a multicellular organism. The study of living things will culminate in an investigation of the diversity of living things. In conjunction with the STEM program, students will be introduced to the use of technology in science.

Science 8 Physical Science  SCI83  1:00 Credit  Grade 8
The eighth grade curriculum focuses on various aspects of Physical Science. The students will begin with an introduction to the study of matter. Students will gain an understanding of the subatomic structure of all matter and study the periodic table. The course of study will continue with an investigation into the properties of sound and light. Students will be introduced to the fundamental concepts of physics associated with matter, forces and energy. In conjunction with the STEM program, students will continue to study the use of technology in science.

Design and Modeling  STEM01  .05 Credit  Grade 7
Design and Modeling (DM) allows students to apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture, capturing research and ideas in their engineering notebooks. Using Autodesk® design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions.

Automation and Robotics 8 STEM02  .05 Credit  Grade 8
Automation and Robotics (AR) allows students to trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

Technology

Intro Technology 6  TECH630  .05 Credit  Grade 6
Students will use LEGO® Education WeDo. LEGO WeDo is an imaginary, simple-to-use tool that enables students to learn, construct and then bring their models to life. Improving communication, collaboration and team building skills.

Yearbook/Journalism  TECH635  .05 Credit  Grade 8
Students will learn to design, write, and produce a middle school yearbook and newspaper while developing a rich vocabulary. Analyzing objective and subjective points of view will strengthen their ethical and critical thinking skills.

Art

Art Intro 6  FA64  .05 Credit  Grade 6
The sixth grade art curriculum is designed to introduce students to the Elements of Art, a variety of techniques and media, with an introduction to art history and critique. Individual creativity, neatness and respect for the work of others is encouraged.
The seventh grade art curriculum is designed to continue to deepen understanding and apply the Elements of Art and Principles of Design in their own works. In addition, students will continue the development of various art skills and techniques.

**Physical Education**

**Health 7 PE79 .25 Credit Grade 7**
This course will provide students an opportunity to develop an understanding of health concepts, behaviors, and skills that reduce health risks and enhance the health and well-being of self and others, to set personal health goals, and to evaluate health information, products, services, and the effects of health behaviors on the community. Topics of exploration include but are not limited to: the health triangle, personal safety, personal fitness, the prevention and control of communicable and non-communicable diseases, the development of healthy relationships, communication skills, medication and substance abuse.

**Health 8 PE89 .25 Credit Grade 8**
Personal Health and Wellness Course Description: Personal Health emphasizes the importance of knowledge, attitudes, and practices relating to personal health and wellness. It is a course designed to expose students to a broad range of issues and information relating to the various aspects of personal health, which include the physical, social, emotional, intellectual, spiritual and environmental aspects. Topics of exploration include, but are not limited to: nutrition, physical fitness, schools against violence in education, child abuse and neglect recognition and reporting, stress, and weight management.

**Phys. Ed 6 PE66 1:00 Credit Grade 6**
Here at St. Mary’s, Comprehensive Health and Physical Education has become an important facet of the total education of students. The goal is to build the Health and Physical Education curriculum into a well-rounded program placing emphasis on “wellness”, health, sport and lifelong activities. Staying fit and active is important for growth and development. St. Mary’s Comprehensive Health and Physical Education Department will offer programs which provide students with opportunities to participate in a variety of team, sport, dance, life-time and health-related fitness activities. These programs provided will be set in an educational setting where students are permitted to participate at a level of competition appropriate to their needs and interests and are evaluated in their degree of participation.

**Phys. Ed 7 PE78 .05 Credit Grade 7**
Here at St. Mary’s, Comprehensive Health and Physical Education has become an important facet of the total education of students. The goal is to build the Health and Physical Education curriculum into a well-rounded program placing emphasis on “wellness”, health, sport and lifelong activities. Staying fit and active is important for growth and development. St. Mary’s Comprehensive Health and Physical Education Department will offer programs which provide students with opportunities to participate in a variety of team, sport, dance, life-time and health-related fitness activities. These programs provided will be set in an educational setting where students are permitted to participate at a level of competition appropriate to their needs and interests and are evaluated in their degree of participation.
Phys. Ed 8        PE88        .05 Credit  Grade 8
Here at St. Mary’s, Comprehensive Health and Physical Education has become an important facet of the total education of students. The goal is to build the Health and Physical Education curriculum into a well-rounded program placing emphasis on “wellness”, health, sport and lifelong activities. Staying fit and active is important for growth and development. St. Mary’s Comprehensive Health and Physical Education Department will offer programs which provide students with opportunities to participate in a variety of team, sport, dance, life-time and health-related fitness activities. These programs provided will be set in an educational setting where students are permitted to participate at a level of competition appropriate to their needs and interests and are evaluated in their degree of participation.