

# Middle School Course Catalog

## **Theology**

### ***Theology 6 – Christ Our Life: God Calls a People***

This course is devoted to the study of God's saving love as it is revealed in sacred scripture, particularly the Old Testament. This course helps the student increase their knowledge of salvation history so that they may grow deeper in their relationship to God.

### ***Theology 7- Jesus: The Way, The Truth and The Life***

This course integrates students into the Holy Cross family and draws them to believe more deeply in the person of Jesus. Through a study of the life and actions of Jesus, including a study of the sacraments, students are enabled to move forward in their faith commitment. This course introduces students to a variety of prayer types and styles, prepares them for more fuller and active participation in the liturgy, presents a value system which is the foundation of Christian morality, ands them develop a local and global awareness of Catholic social teachings as the basis for Christian service.

### ***Theology 8- The Church Then and Now***

Through a study of the Catholic Church and the teachings of Jesus, the students learn a variety of personal and public prayer styles. This course leads students to a deeper understanding of how they share in the mystery of Christ and his Church and how they can share in this ministry. Through a combination of study and action, students will explore the concept of discipleship.

## **Mathematics**

### ***Math 6***

This course emphasizes a foundation of basic understandings in number, operation, and quantitative reasoning; patterns, relationships and algebraic thinking; geometry and spatial reasoning; measurement; probability and statistics.

### ***Math 7***

This course highlights the four basic operations of mathematics. The student will continue building on the foundation learned in Pre-Algebra I, and will work toward further mastery in these areas.

### ***Math 8***

The primary focal points at Grade 8 are using basic principles of algebra to analyze and

represent both proportional and non-proportional linear relationships and using probability to describe data and make predictions. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations and use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other; and they connect verbal, numeric, graphic, and symbolic representations of relationships

## **Physical Education**

### **P.E. 6**

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the life span.

### **P.E. 7**

An introduction to numerous lessons and activities which develop appropriate motor skills, incorporate basic knowledge and skills of various P.E. activities, develops total physical fitness, and instills a positive attitude towards sports participation.

### **P.E. 8**

Building on student skills and activities learned in P.E. 7, this course places emphasis on team sports, anatomy and physiology of the human body and how it relates to proper weight, nutrition, and muscle growth and development. Written and physical testing is completed in order to develop base line data for growth comparisons.

## **Science**

### **General Science 6**

General Science 6 examines the Earth and its many features and processes. It analyzes various theories, laws, and cycles and seeks to explain and reflect upon how the Earth has evolved over 4.6 billion years. Areas of study include Geology, Oceanography, Meteorology and Astronomy.

### **Life Science 7**

Life science is an investigative, laboratory-based overview of the six kingdoms of life, as well as a detailed study of cells and ecological concepts.

## ***Integrated Physics and Chemistry (IPC) 8***

In Integrated Physics and Chemistry, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.

# **Social Studies**

## ***World History 6***

This course includes a general study of ancient world civilizations. Students will study civilizations ranging from the beginning of humanity to the Ancient Americas of 1500 C.E. Students will develop an extensive vocabulary as well as learn to write from a historian's perspective.

## ***World Geography 7***

This course surveys the geography of the seven world continents placing emphasis on the five themes of geography: location, place, human-environment interaction, movement and region.

## ***Texas History 7***

This course includes the study of people, events and institutions from Texas' earliest beginnings to modern times.

## ***U.S. History 8***

This course is a study of the history of the United States. This course places emphasis on the study of the social, political, and economic institutions that evolved in the nation. Emphasis is placed on people and events and their relationship to the evolution of the United States.

# **English**

## ***English 6 / Literary Composition 6***

Students in English 6 learn basic grammar concepts including punctuation, capitalization, correct usage, parts of speech, sentence structure, and diagramming. In literature, students develop basic analysis skills, learn rudimentary literary terms and concepts, and develop a variety of reading comprehension and vocabulary strategies.

## ***English 7 / Literary Composition 7***

Students in English 7 continue what they were introduced to in the seventh grade, only now at

an intermediate stage. In addition, students are exposed to creative forms of writing, and learn to develop critical listening skills. Students are also exposed to research methods, and the elements of composition.

### ***English 8 / Literary Composition 8***

Students in English 8 have a curriculum that is divided into three parts: grammar and mechanics, contemporary and classical literature, and research and technology as applied to the domain of language arts.