

7th Grade

- **Math:** Seventh Grade math is a challenging Algebra Readiness curriculum that focuses on the domains of Ratios and Proportions, The Number System, Expressions and Equations, Geometry, and Statistics and Probability. Our students will be able to make sense of problems and persevere in solving them, reason abstractly and quantitatively, and construct viable arguments and critique the reasoning of others. This course is intended prepare our students for high school level Algebra. Our integrated STEM classes aim to engage students in real life problem solving through math and science.
- **Language Arts:** Students read across different genres to discover and understand the past, present, and future through literature and writing. The Writer's Workshop and 6 +1 Trait Writing is implemented providing students with the framework to experience and find their voice in writing. Rigorous focus and integration of vocabulary and grammar skills to support and enhance reading, writing and speaking skills. Effective use of technology as a resource to support all learning styles.
- **Science:** 7th grade students will explore, in detail, our living world from cells to ecosystems. Students learn concepts through a mixture of lecture, labs, hands-on activities and projects. New vocabulary from abiotic to zooplankton will be explored. The marine environment is discovered on a 3-day field trip to Catalina Island's Toyon Bay where many students will experience snorkeling for the first time.
- **Social Studies:** A history course designed to introduce 7th grade students to American history beginning with the founding of our nation through Reconstruction. The course is organized to provide an understanding of how and why particular events, and patterns of events, occurred in our society. This class provides opportunities for students to demonstrate understanding and begin to critically analyze the geographic, political, and economic developments that affected historical events.
- **Religion:** Religion is taught across the curriculum and woven throughout all subjects and student activities and service opportunities. In addition, students take a religion class and are engaged in units of study that are aligned to the Diocesan religion curriculum. Seventh grade religion focuses on discovering the person and teachings of Jesus through Christian Scriptures, understanding and recognizing visible signs of God's grace, and responding to Christ's message with actions. The course is deeply rooted in Ignatian spirituality and our Jesuit roots and includes participation in the Arrupe Project, a service-learning units based on Catholic Social Teachings and the Corporal Works of Mercy where students "pay it forward" by becoming personally engaged in their response to social injustice.
- **PE:** Next year in physical education, students will apply concepts that enhanced their health and wellness. Students will learn how to incorporate the five components of fitness to any sport or exercise to increase their performance. We will infuse technology into the curriculum as an extra resource for understanding how their body systems work. Students will work individually, in small groups, and as a whole class to work on their social and emotional skills. The SLEs will be incorporated into the curriculum to help guide the students and give them a well-rounded education.
- **Music:** Students will learn different aspects of music, including music theory, appreciation, and music performance. Students will have the opportunity to continue learning how to read music in Treble and Bass clef, as well as learning how to read guitar tab and chord sheets. In junior high, students have use of guitars to continue their music education.

- **Art:** In this project-based course, students will explore a variety of techniques for making art through a range of media. Students will learn how to masterfully identify and utilize the elements and principles of art and design. As students become makers of art, they are simultaneously immersed in a variety of art worlds including examination of how visual art reflects and relates to our Catholic Faith.
- **Spanish:** Course Philosophy: “Communication is an authentic exchange of information for a real purpose between two or more people.”
In this Spanish course your student will learn vocabulary and grammar from various units in the Realidades textbook along with other print resources. Through the use of audio, visual, and communicative activities, students will be able to apply the language in a practical way.
The students will have the opportunity to learn about customs and traditions from Spanish speaking countries creating connections through comparisons of their own cultural practices.