

6th Grade

- **Math:** Sixth Grade math curriculum 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 will prepare our students for a challenging Pre-Algebra class in Seventh Grade. Our integrated STEM classes aim to engage students in real life problem solving through math and science.
- **Language Arts:** Students are immersed in reading and writing skills in Sixth Grade Language Arts. We read above grade level nonfiction text, classic literature and a variety of engaging fiction genres. Our writing skills grow as we write multiple essays, reports, stories and poetry. Through this writing, our sentence structure improves as well as our conventions of good writing. Vocabulary is integrated through the curriculum. There is also a strong focus on public speaking and presentation skills.
- **Science:** Sixth grade scientists explore the concepts of earth science through a variety of hands on activities and texts. Students learn lab procedures as they utilize the scientific method throughout the year. Our integrated STEM classes aim to engage students in real life problem solving through math and science.
- **Social Studies:** A history course designed to introduce 6th grade students to World History through the study of cultures ranging from Ancient Greece and Rome, to China and Japan. The course is organized to provide an understanding of how and why particular events, and patterns of events, occurred in our world, and provides opportunities for students to demonstrate understanding and begin to critically analyze the geographic, political, and economic developments across the world.
- **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. Sixth grade religion focuses on how God reveals himself in Scripture and Tradition, with an emphasis on salvation history and understanding one's role as part of the family, church, and community. The course is deeply rooted in Ignatian spirituality and our Jesuit roots and includes units of study on St. Francis Xavier, St. Ignatius of Loyola, and the Society of Jesus.
- **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.