Science

- Demonstrate an understanding of and be able to practice the basic processes which scientists use to obtain and continually revise knowledge about science.
- Use hands-on approach to investigate/understand science.
- Demonstrate an understanding of the key concepts and principles central to life science - identifying cell, plant and animal structures and processes, investigating the diversity of plants and many of God's creatures.
- Diagram and dissect.

Special Curriculum Classes (The Arts)

Physical Education

- Team activity.
- Aerobic and anaerobic activities.
- Offense, defense, and transition from one to the other.
- Five different components of physical activity.
- Work to incorporate the five different components in each physical activity.

We demonstrate:

- Self-direction.
- Responsibility.
- Communication skills.
- Opting to practice skills in which the individual needs practice.
- Persistence if not successful on first attempt.

Special Curriculum Classes (The Arts) (continued)

Music

- Different musical genres including opera, jazz, blues, and world music.
- Sing two-part songs with harmony.
- Play recorders (more notes).
- Famous musical works.
- Option of participating in Choir, Band, or Violin after school.

Art

- The elements of art and principles such as color, form, shape, line, space, texture, value, balance, contrast, emphasis, proportion, rhythm, pattern, and unity.

Technology

- Use ePortfolios to capture and organize student work.
- Create and animate effective presentation tools, including PowerPoint, Google Presentation, PowToon and Glogster.
- Learn more about Internet safety, Digital Footprints and Online Reputations.
- Learn advanced Internet search techniques.
- Mastering Microsoft Excel becomes a priority, as are presentation tools and personal presentation skills.

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This brochure captures the main points of what we offer as part of a rigorous curriculum, focused on whole child development: spiritually, academically and physically, grades Pre-K through Grade 8, laying the foundation for life-long success.
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**Religion**
- Focus on the life of Jesus from birth to Passion.
- Describe the roles of the Prophets and the message of reconciliation.
- Know how to be a witness to Christ as were the first Christians.
- Learn about chastity in a modern society.
- Participate in Junior High Service Night.

**English Language Arts (LA)**
- Respond to literature reinforcing their Catholic spiritual development and thinking by using examples from the story to support ideas.
- Discuss stories by using major literary elements and figurative language.
- Demonstrate reading understanding by written and oral products and performance.
- Determine pronunciation and meaning of unfamiliar words by using phonics, context, base words, roots, prefixes, and suffixes.
- Read aloud fluently with accuracy and expression, read silently and independently in a variety of genres.
- Select books to read independently at school and home-based on personal needs and interests.

**Mathematics**
- Use strategies to investigate and understand complex math content.
- Justify thinking through examples and explanations to appreciate “how a problem is solved is as important as the answer.”
- Integrate the language of math in the student's world.
- Develop number sense and an understanding of our numeration system.
- Understand concepts of number operations and be able to compute.
- Investigate properties, patterns, and relationships in sets of numbers.
- Name, describe, model, classify, and compare geometric shapes.
- Develop an understanding of the general measurement process as it involves techniques, tools, and using metric and customary units.

**English Language Arts (LA) (continued)**
- Build vocabulary with “Wordly Wise.”
- Use proper writing mechanics - sentence structure, paragraphing, grammar and punctuation.
- Use graphic organizers, note-taking, and outlining to plan and organize writing.
- Write independently and with peers to edit, revise, and refine written work.
- Paraphrase and synthesize information to prepare written and/or oral presentations.
- Evaluate Catholic/Christian themes and ideals in reading and writing assignments.
- Complete an Independent Investigation Method (IIM) project on a given topic.

**Mathematics (continued)**
- Use data analysis, statistics, and probability to analyze given situations and outcomes of experiments.
- Recognize patterns and describe relations and functions with tables, graphs, equations, and rules, noting how a change in one changes another.
- Use Singapore Math to explore and model real world situations.

**Social Studies**
- Understand the importance of becoming involved citizens at home, in school, and in the community.
- Understand the basic ideas of government, specifically the United States.
- Learn about earlier civilizations.
- Understand historical governments and how that impacts our government and society today.
- Understand the relationship between past and current events.

**Spanish**
- Have a basic knowledge of language mechanics, alphabet, punctuation and sentence structure.
- Conjugate regular verbs in the present tense as well as commonly used irregular verbs.
- Build a basic vocabulary.
- Have an understanding of where the language originated and how it spread.
- Be introduced to various Spanish speaking cultures.
- Learn traditional Catholic prayers in Spanish.