

7th Grade

Seventh Grade is the year students experience added leadership and new challenges.

Seventh Graders serve as mentors for the Sixth Graders in their homerooms.

They also participate in an extension of their sixth grade environment awareness and stewardship by going on an Environment Overnight for two days in fall.

Both sixth and seventh graders attend day long retreats which enhance their faith and commitment to becoming active participants in the Catholic Church.



Curriculum

It is expected that, after completion of the seventh grade year, students will have a firm grasp of the listed expectations in each discipline.

Social Studies

- Analyze the impact of personal decisions on global issues
- Describe effects of investments in infrastructure on the economy
- Differentiate among the various economic and political systems
- Compare ancient and present-day communities around the world
- Identify and describe significant people in the major eras in the United States and World History
- Use an atlas to calculate distance and scale, identify dominant patterns of climate and land use, and compute population density
- Identify changing boundaries and major land acquisitions of the United States
- Evaluate the impact of science and technology on the United States and the world
- Explain the role and impact of civil actions
- Distinguish how the powers of government are acquired, maintained, justified, and abused
- Analyze and discuss important political documents
- Analyze cultural conflicts in United States history
- Analyze social issues based on whether human dignity is valued or harmed
- Habitual involvement in service projects outside of the school community
- Practices peaceful conflict resolution strategies within the family, school and community
- Does research on people who have fought for justice
- Display an awareness of responsibility to others throughout the world



Religion

- Learn the mystery of the Incarnation
- Explain the ways in which Mary, the Mother of God, is our spiritual mother and role model of faith
- Recognize that God created us to live in harmony and that the greatest virtue we are called to develop is charity
- Learn about the Jesus' Passion and understand that His sacrifice freed us from the power of sin and death
- Explore the epistles and understand that all Christians are called to share in the mission to bring Christ to others
- Understand that Baptism gives us new life in Christ and unites us with the Christian community
- Consider how our strengths, goals, and ambitions reveal the type of vocation to which God calls us
- Discover ways to serve others and fulfill Jesus' command to love
- Express awareness of and appreciation for the traditions of different cultures
- Identify spiritual effects of the Eucharist in our lives
- Learn how the sacrament of Confirmation is celebrated in the Church and describe the seven gifts of the Holy Spirit
- Learn about the Christian responsibility to imitate Christ, follow the commandments, avoid sin, and pursue good
- Learn how grace and our conscience help us to love our neighbors
- Understand that following Christ involves self-sacrifice and tough moral decisions
- Give examples of how prayer can help a person to do God's will and strengthen his or her relationship with God
- Understand that prayer and trust in God can be powerful sources of healing and identify five basic forms of prayer
- Understand Family Life & Safeguarding God's People



Reading

- Set purpose for reading to gain information, appreciate literature, and learn about the author's point of view
- Apply various strategies for independently comprehending text: context clues, main idea and supporting details, analyzing, evaluating, and synthesizing information, formulate inferences and draw conclusions, compare/contrast, cause/effect
- Read and understand the elements of various genres
- Read to understand cultural, religious, and historical perspectives
- Read and analyze materials from multiple perspectives
- Read books, magazines, newspapers and other sources both inside and outside of school
- Evaluate information and sources for appropriateness and accuracy



Writing

- Write Expository, Persuasive, Narrative, Imaginative Fiction, Non-fiction, and Technical pieces
- Write well organized multiple paragraphed essays with identifiable introductions and conclusions
- Contrast and compare characters within a story
- Critique characters motives
- Discuss and analyze the actions of major and minor characters

Math

- Develop and use order relationships for whole numbers, fractions, decimals, and percents
- Convert between fractions, decimals, and percents
- Identify prime and composite numbers to 100
- Understand and apply four operations to whole numbers, fractions, and decimals
- Analyze tables, graphs, and charts
- Create tables and graphs
- Measure and draw angles up to 180 degrees
- Identify symmetry of geometric figures
- Describe and represent adjacent, supplementary, complementary, vertical, and congruent angles
- Apply formulas for perimeter and area for more complex shapes (i.e. trapezoid, parallelograms)
- Write multi-step number sentences to solve word problems
- Solve equations and inequalities using order of operations
- Recognize generalized properties (commutative, associative, distributive, etc.)



Science

- State Newton’s Laws of Gravitation
- Explain orbital motion of objects in the solar system
- Know that billions of galaxies exist in the universe
- Know the major ideas of atomic theory and molecular theory
- Know the history and development of the present atomic model
- Model how all matter is composed of atoms, consisting of protons, neutrons, and electrons
- Develop an understanding of the physical and chemical properties of matter
- Understand the flow of electrons in bonding
- Know the organization of the Periodic Table
- Realize that any change in the balance of charges produces an electric force proportional to the charge
- Identify the Law of Conservation of Energy
- Explain that nuclear forces are stronger than electromagnetic forces, which are stronger than gravitational forces
- Identify how devices have been designed to convert energy from one form to another
- Give a basic explanation of the gas laws, Archimedes’ Principle, and Bernoulli’s Principle
- Infer that as energy transformations occur, some energy escapes as heat, sound, or light
- Identify the role of electromagnetic forces in electric motors, generators, radio, television, and other technologies



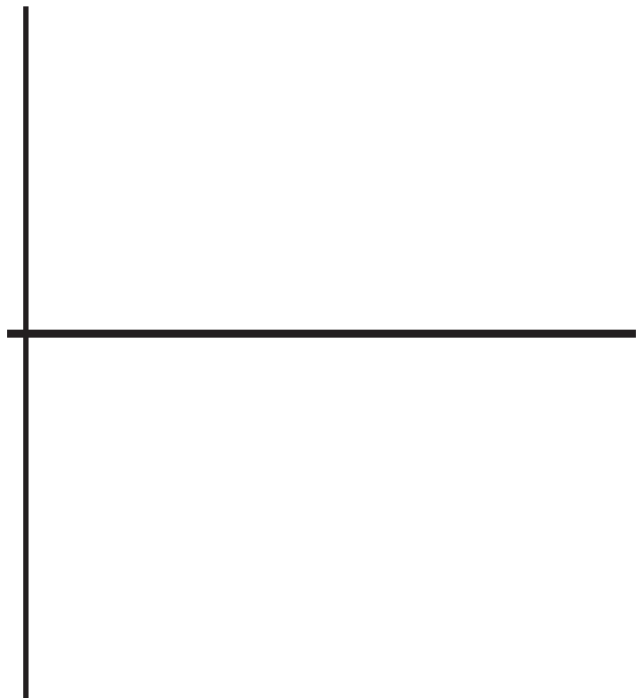
Oral Language

- Share brief impromptu remarks about topics of interest to oneself and others
- Perform expressive oral readings of prose, poetry, and drama
- Prepare and conduct interviews
- Demonstrate awareness for various cultures and religions, diverse dialects, and languages and respond appropriately
- Take notes from oral presentations and recognize the purpose for presentations
- Follow a speaker’s argument and represent it in notes
- Respect the opinions of others into the discussion, responding clearly and tactfully to questions and comments
- Accept and use helpful criticism



Technology

- Understand appropriate and responsible behavior on the Internet when making decisions regarding, social networking sites, downloading of information, email etiquette, instant messaging, and cyber bullying
- Discriminate between ethical and unethical access to information stored on a computer system and/or downloaded from the Internet
- Enter and edit data in a spreadsheet and explain the results of the changes. Use advanced features to complete formulas with data stored on multiple spreadsheets and using both relative and absolute addressing
- Demonstrate proper keyboarding techniques for keying all letters (home row, top row, bottom row)
- Describe the advantages and demonstrate the ability to use the computer to generate various types of publications, such as newsletters, reports, advertisements, brochures etc
- Demonstrate the ability to be assigned a project as a group, split the responsibilities, use tracking software to organize the project and publish your results





Music

- Compose short pieces within specified guidelines, demonstrating the use of the elements of music
- Use a variety of traditional and nontraditional sound sources and electronic media when composing and arranging
- Describe distinguishing characteristics of representative music genres and styles from a variety of cultures
- Create 32 measure composition using quarter, half, eighth, sixteenth, whole, dotted half notes, quarter, half, whole rests using 2/4, 3/4, 4/4 time signatures
- Create own presentation of scene from musical including song, dialogue, props, scenery, make-up, choreography, directing, etc
- Study the history of musical theater
- Demonstrate an understanding of melody, rhythm, harmony, form, tone color, and articulation when composing



Art

- Use thumbnail sketches to experiment and develop visual ideas
- Work independently & collaboratively to produce ideas & works of art
- Use a variety of visual expressions, including: drawing, painting, printmaking, sculpting, modeling, building, photography, film, video, & computers
- Use 3 dimensions, shading & subtle color combinations.
- Use the elements of art: line, color, value, shape, texture & space
- Know & compare the characteristics of artworks from various eras & cultures
- Is familiar with the history, public art, and unique architecture of the local community
- Respect different kinds & styles of art
- Respect & care for art tools, work areas & materials
- Develop skills for matting & framing works of art for exhibition

Foreign Language

- Participate in oral and written review of vocabulary
- Be exposed to the introduction of restaurant phrases and breakfast foods
- Practice Verb conjugation
 - Preterite tense
 - To Like (verb)
 - Present tense (1st person)
 - Past tense (1st person)
 - Negative
 - To Like (verb)
 - With indirect object pronouns
 - Verb to be (3rd person)
 - Singular, plural
 - Verb – to bring
 - conjugation of irregular verbs, *ser, querer, tener, ir*
- Practice daily Formal Prayer
 - Sign of the Cross
 - Glory Be
 - Hail Mary
 - Our Father
- Celebrate Cultural Anniversaries
 - *Aniversario de la Independencia de México*
 - *El Día de Los Muertes*
 - *Las Posadas*
 - *Cinco de Mayo*
- Participate in field trip into the Hispanic community for:
 - Eat Mexican Lunch
 - Make a purchase in Spanish
 - Participate in Scavenger Hunt for Hispanic products
 - View a Hispanic art exhibit



Physical Education

- Choose safe ways to engage in lead-up games, free practice, relays and contact games,
- Test for Presidential and national physical fitness award
- Receptive to praise, suggestions and criticism
- Demonstrate willingness to participate in evaluating self and others
- Explain the personal values of physical education
- Know how to improve flexibility, coordination and strength
- Know the concepts of sportsmanship, physical fitness, leadership and collaboration
- Practice Rollerblading as a lifetime sport
- Participate in Rock Climbing field trip
- Design and implement a personal improvement plan of regular physical exercise and recreation activities