

6th Grade

Sixth Grade is a time of change and transition.

Student's change classes for every subject and experience the privilege of using lockers for the first time.

They also experience the opportunity to attend after school dances and they take on new responsibilities such as being the "Sweepers" for the school.

As Sweepers they sweep the school of many recyclable materials like all paper, cans and bottles.

They really learn to appreciate and protect the environment.

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 sixth grade year, students will have a firm grasp of the listed expectations in each discipline.

Social Studies

- Examine the impact of immigration on the United States and World History
- Research the political values of freedom, democracy, equality, & justice as embodied in important documents
- Know the relationship between significant events in the United States and World History
- Critically analyze current events in the United States and the World
- Identify major scientific discoveries and technological innovations and describe their social and economic effects on society
- Locate and identify physical features in the World
- Use maps, charts, and graphs to display and compare information
- Understand the different characteristics of climate, landforms, bodies of water, and cities
- Identify individual responsibilities to local, state, national and global communities
- Identify and explain the different forms of government, including the basic principles of democracy
- Explain how legislative, executive, and judicial powers are balanced at the federal level
- Demonstrates putting forth the best effort in school, recreation, and work
- Demonstrates respect for the basic rights and responsibilities at school and neighborhood
- Displays individual and group actions to protect and preserve the environment





Religion

- Understand that Abraham and Sarah are models of faith in their response to God's revelation and that Abraham is the patriarch of the Christian, Jewish and Islamic faiths
- Recognize ways people can become spiritually or materially enslaved today
- Recognize that the Catholic Church is a large community of believers led by the pope and the bishops
- Realize that we sometimes need other people to remind us to do God's will
- Describe the Israelites' neglect for God's will, their downfall, and the prophets sent by God
- Realize the value of Christian sacrifice and identify ways to make sacrifices for the good of others
- Discover how the Mass recalls Jesus' sacrifice for our salvation
- Learn how Jews commemorate the Passover
- Understand connections between the Passover and Jesus; death, Resurrection, and Ascension
- Identify the similarities of the blessings prayed at the Christian Eucharist and at the Jewish Passover Seder
- Identify relationships between Catholic and Jewish customs of worship and between sacraments and sacramentals
- Discover how God fulfilled promises to Jacob and Rebecca and what it means to have a covenant with God
- Identify ways Jesus Christ was the fulfillment of the covenant at Sinai
- Learn about the mystery of evil and God's power to forgive through the biblical stories of David and Adam and Eve
- Learn about Joseph of the New Testament and his devotion to and trust in God
- Learn about the Book of Psalms
- Explore the concept of 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
- Read and understand the elements of various genres
- Read to understand cultural, religious, and historical perspectives
- Read and analyze materials from multiple perspectives
- Evaluate information and sources for appropriateness and accuracy
- Pose questions before, during, and after reading
- Refine test-taking strategies



Writing

- Write Expository, Persuasive, Narrative, Imaginative Fiction, Non-fiction, and Technical pieces
- Distinguish between the four forms of writing: narrative, expository, imaginative and persuasive and construct the appropriate form of writing for various occasions
- Create multi-paragraphed essays in the four forms of writing (narrative, imaginative, expository, and persuasive) which have an introduction, body, and conclusion
- Apply the rules of spelling, capitalization, grammar usage, and punctuation to writing
- Create technical writing outlining processes or procedures
- Write critiques of literary and non-literary texts

Math

- Identify negative and rational numbers on a number line
- Understand exponential notation and the calculator functions involved
- Convert fractions to decimals and vice versa
- Identify and represent equivalent forms of fractions, decimals, and percents
- Multiply fractions and decimals
- Create surveys and interpret data using frequency tables and line plots
- Choose the appropriate tools and units to estimate, compare, and measure
- Convert units of weight/mass and capacity
- Draw and design shapes with multiple lines of symmetry
- Describe and compare 3-dimensional figures
- Calculate area and circumference using pi
- Apply formulas for perimeter and area of triangles and quadrilaterals
- Find missing components of mathematical statements
- Understand order of operations

Science

- Explain how heat, moisture, and air movement determine weather
- Understand that the Sun’s energy drives the water cycle and that the water cycle is a continuous process of recycling
- Describe how global atmospheric movement influences local weather
- Investigate how the greenhouse effect leads to global warming
- Know the components of soil and other factors that influence soil texture, fertility, and resistance to erosion
- Communicate that the Earth is comprised of layers including a core, mantle, lithosphere, hydrosphere, and atmosphere
- Know that the fossils contained in the successive layers of rock can be used to confirm the age, history, and changing life forms of the Earth
- Demonstrate that light interacts with matter by transmission, absorption, or reflection
- Explain how the Sun is the major source of energy for the Earth
- Identify and explain that photosynthesis is the process of using light to make food
- Describe the chemical process of photosynthesis
- Identify various plant tissues and explain their function
- Compare and contrast monocots and dicots
- Know that plants have a variety of body structures with specific functions for survival



Oral Language

- Observe criteria for effective oral presentations such as eye contact, projection, tone, volume, rate or articulation
- Perform expressive readings
- State differing viewpoints on an issue
- 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
- Volunteer relevant information, ask relevant questions, and answer questions for the purpose evaluating a presentation
- Respect the opinions of others into the discussion, responding clearly and tactfully to questions and comments.
- Summarize the main points of a discussion, orally and in writing
- Realize that important points and counterpoints need to be supported with evidence
- Increase vocabulary by using dictionaries, thesauruses, handbooks, and grammar texts when choosing words, phrases, and expressions for use in oral and written presentations
- Use figurative language such as similes, metaphors, personification, hyperbole, and allusion etc. to achieve specific effects in speaking and writing
- Begin to differentiate how audience and context affect the selection and use of words and phrases



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
- Exhibit legal and ethical behaviors when using information and technology, and discuss consequences of misuse
- Demonstrate proper keyboarding techniques for keying all letters and symbols (home row, top row, bottom row)
- Demonstrate the use of a spreadsheet package to create a simple spreadsheet that manipulates a data set
- Use graphing software to create bar and line graphs understanding the different information each graph portrays
- Demonstrate the ability to organize ideas into a visual web and transfer those ideas either into an outline for a word processing program or slides for presentation software
- Use a digital camera and a photo editing software package to create a collage of images
- Demonstrate the ability to use the Internet to search for desired information given one or two criteria
- Demonstrate an understanding of how the computers interact with the printer(s) and storage system(s)
- Demonstrate the ability to correctly evaluate a Web site for accurate information
- Demonstrate the ability to be assigned a problem, use technology to determine and publish a solution
- Use presentation software to present information about a topic via the computer



Music

- Sing accurately and with good breath control throughout their singing ranges
- Compose short pieces within specified guidelines, demonstrating the use of the elements of music
- Compose using instruments from nature (sticks, shells, stones) and xylophones
- Demonstrate knowledge of the basic principles of meter, rhythm, tonality, intervals, chords, and harmonic progressions and their application in analyzing and performing examples of music representing diverse genres and cultures
- Describe how the principles and subject matter of other school disciplines interrelate with those of music
- Identify religious importance of music in a variety of time periods, focusing on Gregorian Chant
- Identify musical elements and concepts in ancient, Medieval, Renaissance, Baroque, classical, Romantic, Impressionist and 20th century



Art

- Begin to apply principles of art: rhythm, movement, balance, proportion, unity, & emphasis
- Demonstrate use of contour, gesture & scribble drawing techniques
- Vary color value in works of art to show the influence of light, atmosphere and perspective
- Create art works using overlapping to show perspective
- Combine the techniques of varying size, overlapping, placement of shapes, shading, foreground, middle ground & background as perspective devices
- Identify the work of a variety of artists
- Explore the similarities & differences of world cultures & major civilizations
- Explore how the environment influences the look & use of art, architecture & design
- Respect and cares for art tools, work areas & materials



Physical Education

- Choose safe ways to engage in lead-up games, free practice, relays, 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 the reasons for various rules, regulations
- Know a variety of strategies for flexibility/ accuracy and coordination
- Know the concepts of sportsmanship, physical fitness, leadership, and collaboration
- Begin to communicate well in making group decisions
- Design and implement a personal improvement plan of regular physical exercise and recreation activities
- Practice Rollerblading as a lifetime sport
- Participate in Rock climbing field trip

Foreign Language

Learn and Practice:

- Oral and written review of vocabulary
- Introduction of food vocabulary
- Verb “to like” and “to be” -- 1st person, singular, plural, present and preterite forms
- Investigate Spanish-speaking countries
- Pray formal Prayers: 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
 - Scavenger Hunt for Hispanic products
 - View a Hispanic art exhibit