

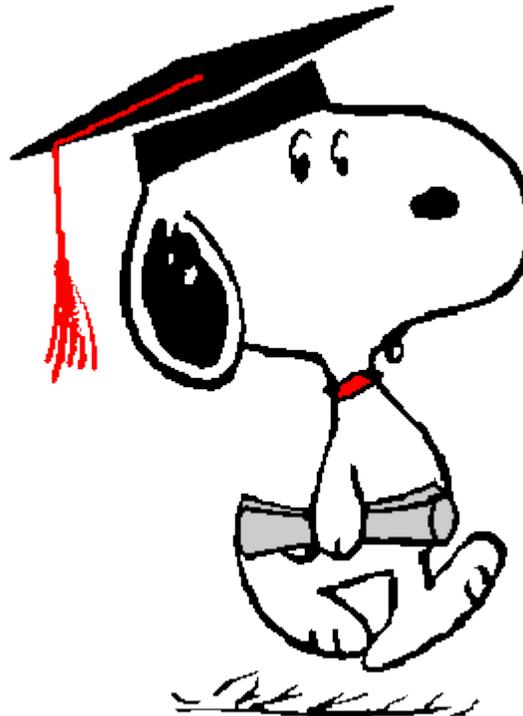
Social Studies

- Identify the key provisions and basic principles of the Illinois Constitution.
- Understand the major developments and social movements in U.S. History in the 20th century. Culture is both a product and a producer of the values and ideas of a society and its people. The success of our democratic society depends on the responsible actions of its citizens.
- Demonstrate an understanding of changing economic circumstances and the effects on the American population during the 20th century.
- Analyze the effects of American foreign policy on various world populations. Critical thinking is essential for making informed decisions and developing original ideas. Where we live and how we live affect who we are. How and why particular events and patterns of episodes occurred in our society.
- Identify causes of prejudice and discrimination in U.S History during the 20th century. Examine social and cultural changes in the Modern Era of U.S. History. Learning about ourselves and others, past and present, allows us to effectively interact in a global society. Make connections to an



Life Science

- Scientific Method and metrics
- Astronomy
- Cells, heredity, evolution
- Light and Sound
- Apply the scientific method to solve complex problems.
- Collect, graph, and analyze data collected during classroom activities. Identify minerals based on basic physical and chemical traits.



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Language Arts and English

- Write a fully-developed essay that shows organization (introduction paragraph with thesis, body, and conclusion).
- Prepare researched information for presentation using various techniques and form ways to manage communication anxiety.
- Build a strong foundation in English conventions to be incorporated in student writing.
- Read classic novels, short stories, and poems in a variety of genres (mystery, science fiction/fantasy, classics, and biography/autobiography).
- Explain how theme, character development, and motivation contribute to the overall effect of a piece of literature.
- Identify and analyze a variety of literary techniques within classical and contemporary works representing a variety of genres.
- Identify text structure and create graphic organizers and other visual representations to use while reading. Identify characteristics and authors of various literary forms.
- Work will reflect original insights and interpretations and is not merely a summary of the ideas of others.
- Extended interpretations are not merely stated but developed, making use of concrete examples, textual references, illustrations, and supporting details.
- Written and oral contributions to class will reflect sensitivity to the subject matter and a precision of thought.
- Final formal oral and written products will reflect thorough preparation, revision, and editing.
- Extended work will reflect creative use of words, ideas, and imagination.
- Extended work will demonstrate a clear understanding of the purpose and limits of a given assignment.
- They will be an active participant – both as a listener and contributor in classroom discussions.
- Apply word analysis and vocabulary skills

Religion - Grades 6, 7 & 8 (Please note the standards have been combined to allow for flexibility for Confirmation preparation.)

- Present an understanding of the human need for God based on revelation and faith.
- Read, understand, interpret, and apply Scripture to life.
- Illustrate a basic understanding of Catholic doctrine and dogma in light of the creed.
- Recognize the Trinity as God.
- Illustrate a basic understanding of Church.
- Demonstrate an appreciation for prayer as the primary way we come to know God and the community as the context of sharing faith within and beyond itself.
- Exercise responsible stewardship for the gift of creation.
- Demonstrate the importance of sacraments, with an emphasis on the centrality of the Eucharist in the lives of Catholics.
- Examine the variety of Christian vocations as ways to respond to the baptismal call.
- Acknowledge and affirm the dignity of the human person and community.
- Apply Catholic principles to interpersonal relationships.
- Know, critique, and apply social justice principles to personal and societal situations.
- Engage in service to the community in response to the Gospel call.
- Develop a moral conscience informed by Church teachings.

Math

- Know that there are numbers that are not rational, and approximate them by rational numbers.
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations.
- Know and participate in the Catholic tradition of prayer.
- Analyze and solve linear equations and pairs of simultaneous linear equations.
- Define, evaluate, and compare functions.
- Use functions to model relationships between quantities.
- Understand congruence and similarity using physical models, transparencies, or geometry software.
- Understand and apply the Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.
- Investigate patterns of association in bivariate data.

The diagram shows the algebraic expression $3x^2 - 2xy + c$ with several annotations:

- A green number '2' with a downward arrow points to the exponent of x in the first term.
- A blue number '1' with a downward arrow points to the exponent of y in the second term.
- A green number '2' with a downward arrow points to the coefficient of the second term.
- A red bracket under the '3' in the first term has a red number '3' below it.
- A red bracket under the '2' in the second term has a red number '3' below it.
- A purple arrow points upwards from a purple number '4' below to the minus sign.
- A purple arrow points upwards from a purple number '4' below to the plus sign.
- A red bracket under the 'c' has a red number '5' below it.