

As a result of their sixth-grade experience, students will:

Reading

1. Demonstrate oral fluency using modulation of voice inflection, tempo and enunciation
2. Use reading strategies such as predicting, summarizing, questioning, visualization, rereading, retelling and connecting to clarify text
3. Expand vocabulary understanding and usage of figurative, idiomatic and technical meanings of terms through context
4. Identify plot elements, purpose and characteristics of various genres
5. Interpret figurative language including simile, metaphor and personification
6. Select and respond to independent reading material through discussions and book reports
7. Analyze text through written extended response

Language Arts

1. Master construction of detailed paragraphs
2. Use the writing process to compose coherent writing for a specific topic for the three main essays: expository, narrative and persuasive
3. Use components of effective writing in all areas of the curriculum
4. Use correct capitalization in sentences, within quotations and in outlines
5. Punctuate irregular possessives, plural possessives and quotations correctly
6. Identify and use correct plural and possessive nouns
7. Identify and use main and helping verbs, simple verb tenses and principal parts of verbs
8. Identify and correctly use possessive and personal pronouns and pronouns with their antecedents
9. Identify and use proper adjectives and the comparative forms of adjectives and adverbs
10. Identify prepositions, prepositional phrases and objects of the preposition
11. Identify and use declarative, imperative, exclamatory and interrogative sentences
12. Identify and use simple, compound and complex sentences
13. Spell level 6 high-frequency words correctly in daily written work

14. Demonstrate ability to make oral presentations in which preparation is evident and appropriate eye contact and voice level are maintained
15. Demonstrate appropriate audience responses to classroom presentations
16. Demonstrate the ability to organize information from a variety of sources

Mathematics

1. Apply order of operations to simplify expressions and equations
2. Identify and apply mathematical properties
3. Develop the algebraic concepts of expressions, equations and variables
4. Simplify expressions, equations and inequalities
5. Solve equations using inverse operations
6. Identify factors, multiples, prime numbers and least common multiples
7. Apply divisibility rules
8. Compare and order fractions, mixed numbers and decimals
9. Add, subtract, multiply and divide fractions and decimals
10. Identify parallel and perpendicular lines, segments, points, rays, angles, planes and parts of a circle
11. Classify and measure angles and polygons
12. Convert among fractions, decimals and percents
13. Round decimals, estimate answers and judge reasonableness of an answer
14. Identify and apply ratios and proportions
15. Solve problems involving percent
16. Simplify exponents, square numbers and square roots
17. Solve problems involving perimeter and area of parallelograms and triangles
18. Add, subtract, multiply and divide integers
19. Graph ordered pairs
20. Calculate the probability of an event
21. Interpret data from various tables, charts and graphs, including Venn diagrams
22. Understand and apply grade-appropriate math vocabulary
23. Solve word problems using a variety of problem-solving strategies appropriate to grade level
24. Determine the mode, median and range of a given set of data

25. Know how and when to use a calculator
26. Construct and/or identify rules of numerical sequences and geometric patterns

Science

1. Explain the relationship of our sun and natural satellite to the other celestial bodies
2. Explain the life cycle of stars
3. Apply knowledge of Newton's Laws to rocketry in launching a rocket
4. Construct a model of a cross-section of the Earth
5. State various ways the Earth changes
6. Demonstrate proficiency in collecting data and graphing results
7. Explain, identify and apply the steps of the scientific method
8. Compare and contrast the three types of rocks and the characteristics of minerals
9. Explain how the accomplishments of past scientists impact the discoveries of today
10. Compare and contrast the relationship between kinetic and potential energy
11. Construct a closed and parallel circuit
12. Identify and classify the six simple machines
13. Comprehend the relationships among mass, force and acceleration
14. Understand the difference between AC and DC current

Social Science

1. Describe how the Earth's environment affected the early civilizations of the world
2. Analyze life in the following early civilizations\ of the ancient world: Egypt, Mesopotamia, India, China, Greece, Rome, Arabia, and Egypt
3. Describe life in ancient Europe
4. Explain the influences of religions on specified civilizations
5. Explain how Europe's geographic features contribute to its development
6. Determine how and why feudalism developed during the first half of the Middle Ages
7. Analyze why the Middle Ages were called the Age of Faith
8. Determine what caused the increase in trade, commerce and rapid growth of cities and towns during the Middle Ages

9. Assess how the Renaissance revived interest in the art and learning of ancient Greece and Rome
10. Determine how the protests of Martin Luther and the improvement of the printing press brought about the Reformation
11. Evaluate the Renaissance thinkers who developed new ways to study the world and established the foundations of modern science
12. Explain how to use geographic tools and concepts to provide and enhance spatial information

Physical Education

1. Identify and demonstrate the rules, strategies and courtesies of the following activities: badminton, basketball, flickerball, floor hockey, in-line skating, leisure-time sports, nerf football, paddleball, softball, soccer, table tennis and volleyball
2. Demonstrate basic skills and movements necessary for individual and team sports
3. Define the vocabulary of the health-related components of fitness
4. Calculate resting, target and recovery heart rates
5. Demonstrate knowledge of safety factors involved with strength training
6. Explain the theory of progressive resistance and related strength-training vocabulary

Music

1. Identify terminology related to dynamics, tempo and vocal music
2. Perform, write and create rhythm patterns
3. Identify and demonstrate knowledge of letter names of lines, spaces, and ledger lines, time signatures, note and rest values
4. Define and analyze various musical forms including fugue and oratorio
5. Define and analyze the music of the Baroque Period
6. Identify and analyze the Broadway musical process and various musical shows

Art

1. Create drawings with visual and mechanical perspective
2. Create tints and shades through the use of value
3. Create a clay project using a textural surface
4. Sculpt a 3-D free-standing form in clay
5. Use shading, contrast and highlights to show 3-D qualities in drawing
6. Create a design using repetition and pattern
7. Identify, analyze and use the color wheel to create works of art in a specific color scheme

Industrial Arts

1. Demonstrate a basic working knowledge of how to read a ruler and measure correctly
2. Identify and use basic woodworking hand tools in a safe, responsible manner
3. Understand the orderly sequence of operations using the proper hand tools necessary to complete a project
4. Demonstrate safe working habits while completing required project construction

Health

1. Demonstrate positive communication skills
2. Analyze the interrelationships of physical, mental, social, and emotional health
3. Identify the effects of stress on the body
4. Identify social, mental, physical and emotional components of adolescence
5. Analyze the effects of drugs on the body
6. Identify vocabulary and stages of human growth and development

Mission Statement

The mission of School District 161 is to challenge every student, without exception, to acquire a core of academic knowledge, and master basic skills.

The District will provide a rigorous learning environment where our students will acquire a broad-based education while developing critical thinking skills, all in accordance with the District's Philosophy of Instruction. Our goal is for our students to gain the knowledge and self-confidence they will need to ensure their future success.

For additional information, please contact your student's principal:

Flossmoor Hills Elementary School
(708) 647-7100

Heather Hill Elementary School
(708) 647-7200

Serena Hills Elementary School
(708) 647-7300

Western Avenue Elementary School
(708) 647-7400

Parker Junior High School
(708) 647-5400

FLOSSMOOR SCHOOL DISTRICT 161



**FLOSSMOOR SCHOOL
DISTRICT 161**
41 East Elmwood
Chicago Heights, IL 60411
708-647-7000

**Learner Objectives
6th Grade**