

District 64 Mission

The mission of District 64, a vital partnership of staff, families and community, is to inspire all students to embrace learning, discover their strengths and achieve personal excellence in order to thrive in and contribute to a rapidly changing world by providing a rich, rigorous and innovative curriculum integrating civil behavior and fostering resilience.

District 64 is committed to providing an exemplary program of instruction for students that contributes to the development of the “whole child.” Broad learning targets or “Educational Ends” have been developed that reflect the knowledge, skills, behaviors and attitudes toward learning that we want all students to achieve as the result of their education in District 64. These end statements can be found on the District 64 website. Curriculum at each grade level has been designed to promote continuous progress towards high academic standards and the achievement of the “Educational Ends.” This pamphlet shares highlights of the specific objectives taught at this grade level.

District 64’s Learner Objectives in English Language Arts (ELA) and Mathematics are based on the Common Core State Standards which have replaced the Illinois Learning Standards in these two subject areas. In ELA, students at all grade levels will read more complex text, balancing fiction and nonfiction, and use evidence from text to explicitly support their thinking. Students will build upon their reading, writing, speaking, language and listening skills to communicate across disciplines. The Math curriculum addresses both the Mathematical Practices and Content Standards. The eight Mathematical Practices, which are consistent across the grade levels, are “habits of mind” that support learning, mastery and application of mathematical concepts.

For an explanation of the Mathematical Practices, visit: <http://www.corestandards.org/Math/Practice>. For detailed information about the ELA and Math Standards and a complete list of the standards at each grade level, visit: <http://www.corestandards.org/the-standards>.

If you have any questions, please contact the Department for Student Learning at 847-318-4304.

Dr. Laurie Heinz
Superintendent

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Language Arts

In Grade 7, students will build reading, writing, speaking and listening skills, using a variety of complex texts and other media formats.

Students will be able to:

- Analyze text explicitly citing several pieces of textual evidence and inferential observations
- Determine the development of theme and provide an objective summary
- Identify impacts of story and drama elements on development of characters or plot
- Determine the connotative and figurative meanings of words/phrases and analyze the impact of rhyme, contrasts in point of view, and repetition of sound in stories and poems
- Compare and contrast a text to its audio or multimedia version analyzing the techniques of each media format and discovering how authors portray fictional events in relationship to historical accounts of the same event
- Plan, write, revise and share argumentative, informative and narrative pieces in a clear, organized manner using relevant evidence, dialogue/quotations, domain-specific vocabulary, cohesion and a supportive or reflective conclusion
- Use conventions of standard English grammar with particular attention to the function of phrases/clauses and expression of concise ideas to eliminate redundancy
- Clarify meaning of unknown and multiple-meaning words/phrases with a range of strategies, including the use of Greek/Latin roots or affixes, figurative language, word relationships and nuances
- Engage in collaborative discussions on various issues, topics and texts with diverse partners who are prepared to pose questions, elicit elaboration, comment on relevant observations, and modify their own views
- Present ideas and claims to an audience emphasizing significant facts, valid reasoning, adaptive speaking skills, and multimedia components

Math

In addition to demonstrating the eight Mathematical Practices, students will be able to:

- Identify the unit rate of change and calculate unit rates associated with ratios of fractions
- Use proportional relationships to solve multistep ratio and percent problems (e.g., tax, gratuities, commissions, percent of increase and decrease)
- Solve multistep word problems by adding, subtracting, multiplying and dividing positive and negative whole numbers, fractions and decimals
- Construct simple equations and inequalities to solve real-world problems
- Solve problems involving scale drawings
- Solve real-world and mathematical problems that include angle measure, area, surface area and volume
- Use statistics to draw inferences and make comparisons about two populations

Accelerated Math

In addition to demonstrating the eight Mathematical Practices, students will be able to:

- Know and apply the properties of exponents to write equivalent expressions (e.g., $5^{-6} \times 5^2 = 5^{-4} = 1/5^4$)
- Use square root and cube root symbols to represent solutions to equations
- Graph proportional relationships, interpreting the unit rate as the slope of the graph
- Analyze, solve and graph linear equations and systems of linear equations
- Define, evaluate and compare functions, and use functions to model relationships between quantities
- Understand congruence and similarity of geometric figures

- Apply the Pythagorean Theorem to solve real-world and mathematical problems
- Solve problems involving the volume of cylinders, cones and spheres

Social Studies

Students will be able to:

- Describe the economic, geographic and cultural features of the world emphasizing the United States, Canada and Latin America
- Read and interpret political and physical maps, charts and graphs
- Recognize and identify the themes of geography (place, location, region, human-environment interaction, movement) in visuals as well as text
- Locate and identify components of culture (government, language, religion, social groups, customs) in the regions studied
- Apply the following terms: population density, life expectancy, literacy rate, ethnic group, rural, urban
- Recognize the importance of non-renewable and renewable resources

Science

Students will be able to:

- Identify parts of living cells and compare the functions of each
- Demonstrate proper use of a compound microscope
- Classify living things into the five kingdoms using their characteristics
- Recognize the traits of living things
- Recognize the connections between organisms of the five kingdoms and the world around us
- Compare and contrast through dissection the characteristics of an invertebrate (worm) and vertebrate (frog)

- Demonstrate the ability to solve a problem using the scientific method
- Explain the vital concepts of the following body systems: muscular, skeletal, digestive, respiratory

Health

Students will be able to:

- Apply the “health triangle” and a decision making model to maintain their health
- Explain the potential impact of the media and advertising on personal decision making
- Analyze and critique their own dietary habits for nutritional value and deficiencies
- Explain the healthy functions and interactions of the digestive, nervous, and respiratory systems
- Explain the effects of drug use and poor nutrition on body systems
- Explore strategies to cope with the changes brought on by adolescence

Art

Students will be able to:

- Expand their knowledge of art periods and cultures
- Demonstrate skillful and appropriate use of a variety of art tools and materials and continue to use media in the studio environment to create original artwork
- Further improve and demonstrate observational skills with emphasis on hand-eye coordination, craftsmanship and production techniques
- Demonstrate an understanding of design elements and principles in producing successful works of art
- Produce a variety of examples of two and three dimensional works of art that reflect the artist’s

unique interpretations, experiences, and personality

- Improve and expand their ability to evaluate, reflect upon and process their original works of art
- Understand and demonstrate critical and creative thinking, problem solving and craftsmanship in producing works of art
- Work within an artistic environment that promotes respect and responsibility and is supportive of others’ ideas/expressions
- Recognize their own creative ability through the production of a work of art and the value of the finished product

Physical Education

Students will be able to:

- Identify rules, strategies and courtesies of various individual and team sports
- Understand the basic concepts of fitness improvement
- Transfer individual skills to game situations
- Integrate sport specific skills to game situations
- Monitor the intensity of exercise through a variety of methods with and without the use of technology
- Use identified procedures and safe practices during both group physical activities and in the fitness center

Technology

Students will be able to:

- Discuss strategies and test possible solutions to routine hardware and software problems that occur during everyday use
- Maintain proper word processing technique while setting personal goals to improve typing skills in both speed and accuracy

- Demonstrate safe, ethical, and responsible behaviors related to information and technology (e.g., ensuring personal privacy, respect of copyright, care of computers, respectful communication with others)
- Describe personal consequences of unsafe, irresponsible or unethical behaviors related to use of information and technology
- Use software and other technology tools to support learning, problem solving and research
- Use technology to design, develop, publish and present products that demonstrate curriculum concepts
- Select and use multiple software environments to solve problems and accomplish a variety of tasks
- Evaluate the accuracy, relevance, appropriateness, comprehensiveness and bias of electronic information sources used for the collection of information or for solving problems

Civil Behavior

Students will:

- Develop self-awareness of their own emotions, strengths and limitations
- Display self-regulation and the ability to be responsible for their own behavior
- Maintain standards of honesty and integrity
- Understand intrinsic/extrinsic motivation and develop strategies for goal setting
- Demonstrate empathy and the importance of service to others
- Display appropriate social skills including the ability to manage conflict and work cooperatively with others

**Community
Consolidated
School District 64
Park Ridge–Niles
Illinois**

**LEARNER
OBJECTIVES**



**GRADE
seven**