



Fourth Grade Reporting Standards

ENGLISH LANGUAGE ARTS		
<p>Literacy skills and knowledge are essential for student success in every area of the curriculum. District 28 has adopted a comprehensive literacy philosophy, which is designed to meet the needs and readiness of individual students. Reading, writing, speaking and listening are integrated within the literacy program. The development of literacy skills is supported by our library curriculum that focuses on literature appreciation, informational literacy skills, and cultivating a lifelong love of reading through exposure to a wide variety of reading materials.</p>		
Trimester One	Trimester Two	Trimester Three
<p><u>Reading</u></p> <ul style="list-style-type: none"> ● Reads with purpose and understanding ● Uses text evidence from narrative text to support thinking ● Determines theme of text ● Comprehends appropriate grade level text <p><u>Writing</u></p> <ul style="list-style-type: none"> ● Identifies and maintains a topic ● Supports topic with details ● Organizes writing appropriately ● Uses appropriate grade level conventions <p><u>Listening and Speaking</u></p> <ul style="list-style-type: none"> ● Builds on others' ideas and expresses own ideas clearly 	<p><u>Reading</u></p> <ul style="list-style-type: none"> ● Reads with purpose and understanding ● Uses text evidence from informational texts to support thinking ● Summarizes text information ● Comprehends appropriate grade level text ● Gathers relevant information from print and digital resources <p><u>Writing</u></p> <ul style="list-style-type: none"> ● Identifies and maintains a topic ● Supports topic with details ● Organizes writing appropriately ● Uses appropriate grade level conventions <p><u>Listening and Speaking</u></p> <ul style="list-style-type: none"> ● Builds on others' ideas and expresses own ideas clearly 	<p><u>Reading</u></p> <ul style="list-style-type: none"> ● Reads with purpose and understanding ● Uses text evidence from poetry and fiction to support thinking ● Comprehends appropriate grade level text ● Draws inferences from text <p><u>Writing</u></p> <ul style="list-style-type: none"> ● Identifies and maintains a topic ● Supports topic with details ● Organizes writing appropriately ● Uses appropriate grade level conventions <p><u>Listening and Speaking</u></p> <ul style="list-style-type: none"> ● Builds on others' ideas and expresses own ideas clearly

MATH

The purpose of mathematics is to provide essential problem-solving tools applicable to a range of scientific disciplines, business practices, and everyday situations. The District 28 mathematics curriculum promotes opportunities for students to develop and apply basic mathematical skills and solve problems confidently using a wide variety of strategies. The program encourages students to become independent thinkers, share responsibility for their own learning, and appreciate the value of working together to solve difficult problems. Instruction fosters skillful reasoning in diverse situations and effective communication of both solutions and methods.

Trimester One	Trimester Two	Trimester Three
<p><u>Operations and Algebraic Thinking</u></p> <ul style="list-style-type: none"> Solves word problems using multiplication Solves word problems using division Understands factors and multiples <p><u>Number and Operations in Base Ten</u></p> <ul style="list-style-type: none"> Multiplies 2- and 3-digit numbers by 1-digit numbers using strategies Understands the value of a digit based on its place 	<p><u>Number and Operations in Base Ten</u></p> <ul style="list-style-type: none"> Compares two multi-digit numbers based on meaning of the digits in each place Fluently adds multi-digit whole numbers, using algorithms or other efficient strategies Fluently subtracts multi-digit whole numbers, using algorithms or other efficient strategies <p><u>Number Operations and Fractions</u></p> <ul style="list-style-type: none"> Uses a visual model to explain why one fraction is greater than, less than or equal to another Compares decimal numbers with digits to the hundredths place Solves word problems that involve adding and subtracting fractions and mixed numbers with like denominators <p><u>Geometry</u></p> <ul style="list-style-type: none"> Draws and identifies points, lines, line segments, rays, angles (right, acute, obtuse) and perpendicular and parallel lines 	<p><u>Number and Operations in Base Ten</u></p> <ul style="list-style-type: none"> Divides multi-digit numbers by 1-digit numbers, using various strategies Uses equations and labeled sketches to explain multiplication and division strategies <p><u>Number Operations and Fractions</u></p> <ul style="list-style-type: none"> Uses mental math, estimation, or rounding to determine whether or not answers to multi-step word problems are reasonable Recognizes and generates equivalent fractions Multiplies a fraction by a whole number <p><u>Measurement and Data</u></p> <ul style="list-style-type: none"> Uses addition, subtraction, multiplication, or division to word problems involving distances, intervals of time, liquid volumes, masses of objects, and money <p>• <u>Geometry</u></p> <ul style="list-style-type: none"> Uses the formulas for area and perimeter of a rectangle to solve problems

ADVANCED MATH		
Trimester One	Trimester Two	Trimester Three
<u>Operations and Algebraic Thinking</u> <ul style="list-style-type: none"> Solves multi-step real world problems <u>Number and Operations</u> <ul style="list-style-type: none"> Understands the value of a digit based on its place Identifies and applies factors and multiples Multiplies multi-digit whole numbers Divides multi-digit whole numbers 	<u>Operations and Algebraic Thinking</u> <ul style="list-style-type: none"> Solves multi-step real world problems Uses order of operations to solve problems <u>Number Operations and Fractions</u> <ul style="list-style-type: none"> Adds and subtracts fractions with unlike denominators Multiplies a fraction by a whole number <u>Number Operations and Decimals</u> <ul style="list-style-type: none"> Applies fractional and place value relationships to decimals 	<u>Operations and Algebraic Thinking</u> <ul style="list-style-type: none"> Solves multi-step real world problems <u>Geometry</u> <ul style="list-style-type: none"> Measures angles accurately Classifies geometric figures by their properties Calculates perimeter, area, and volume <u>Number Operations and Decimals</u> <ul style="list-style-type: none"> Adds and subtracts decimals Multiplies multi-digit decimals

SCIENCE

The science program in Northbrook 28 incorporates the three-dimensions of the Next Generation Science Standards to empower students to observe and engage with science in school and their daily lives. Through the lenses of earth and space science, life science, physical science, and engineering design, students deepen their understanding of what scientists and engineers do and the ways they think. Students learn through investigation and collaboration, while utilizing evidence and reasoning to derive understanding.

Trimester One

(No Science Reporting Standards)

Trimester Two

Life Science

- Constructs an argument to show that plants and animals have structures and functions that support survival
- Constructs a model to demonstrate how animals use their different senses to receive, process, and respond to different information
- Generates and compares multiple solutions that use patterns to transfer information

Earth & Space

- Develops a model of waves to describe patterns and how they cause objects to move
- Identifies evidence from patterns in rock formations and fossils to explain changes in landscape over time
- Analyzes and interprets data from maps to describe patterns of Earth's features
- Creates and compares multiple solutions to reduce the impacts of natural Earth processes on humans

Trimester Three

Physical Science

- Uses evidence to explain how the speed of an object relates to its energy
- Asks questions and makes predictions about what happens to energy when objects collide

Engineering Design

- Creates and evaluates various solutions to a problem based on how well they meet the criteria and limitations of the problem
- Conducts thorough and unbiased tests to identify areas where a model or prototype can be enhanced
- Designs, tests, and refines a device that converts energy from one form to another

SOCIAL STUDIES

Social studies for kindergarten through fifth grade focuses on the home, school, community, city of Chicago, state of Illinois, regions of our nation, and the United States. Students learn map skills, geography, and cultural awareness.

Trimester One	Trimester Two	Trimester Three
<p><u>Civics</u></p> <ul style="list-style-type: none">● Explain the roles and responsibilities of government officials at the local, state, and national levels● Investigate how the roles and responsibilities of government have changed over time <p><u>History</u></p> <ul style="list-style-type: none">● Through a study of important individuals or major events, recognizes and explains that there are multiple cultural perspectives <p><u>Economics</u></p> <ul style="list-style-type: none">● Describes how goods and services are produced using human, natural, and capital resources (e.g. tools and machines) <p><u>Geography</u></p> <ul style="list-style-type: none">● Constructs and interprets Midwest and United States maps using various media <p><u>Inquiry</u></p> <ul style="list-style-type: none">● Explain the use of inquiry strategies and relevant sources to address local, regional, state or national problems● Develops claims using evidence from multiple sources to answer essential	<p>(No Social Studies Reporting Standards)</p>	<p><u>History</u></p> <ul style="list-style-type: none">● Explains probable causes and effects of events and developments in Illinois history● Generates questions about multiple historical sources and their relationships to particular historical events and developments <p><u>Economics</u></p> <ul style="list-style-type: none">● Describes how goods and services influence supply and demand <p><u>Inquiry</u></p> <ul style="list-style-type: none">● Uses primary and secondary sources that represent multiple points of view to answer essential questions

PHYSICAL EDUCATION

District 28 recognizes daily, elementary physical education as an integral part of every student's educational program. Growth in social, emotional, cognitive, and motor skills is fostered through physical activity. In addition to the development of physical skills, we emphasize good sportsmanship and encourage healthy living. Cooperation and respect for each other helps provide a safe environment, both physically and emotionally. Healthful, active lifestyles are taught through developmentally appropriate physical activity. The goal of elementary physical education is to achieve and maintain a healthy level of physical fitness that begins at the earliest possible age and progresses sequentially.

Trimester One	Trimester Two	Trimester Three
<ul style="list-style-type: none"> Understands motor skills and movement patterns Demonstrates knowledge and skills to improve fitness Understands concepts related to health promotion 	<ul style="list-style-type: none"> Understands motor skills and movement patterns Demonstrates knowledge and skills to improve fitness Understands concepts related to health promotion 	<ul style="list-style-type: none"> Understands motor skills and movement patterns Demonstrates knowledge and skills to improve fitness Understands concepts related to health promotion

PROCESS SKILLS: CHARACTERISTICS OF A SUCCESSFUL LEARNER

District 28 values developing our students' essential skills as well as their content knowledge. Characteristics of a Successful Learner are the standards that provide information regarding a students' independence and initiative, work habits, and communication and collaboration.

Grades 4-5 All Standards Trimester 1, 2, and 3

<u>Independence and Initiative</u>	<u>Work Habits</u>	<u>Communication and Collaboration</u>
<ul style="list-style-type: none"> Follows routines and instructions Self-advocates Perseveres and problem solves Accepts responsibility for behavior 	<ul style="list-style-type: none"> Completes tasks and assignments independently Uses class time effectively Organizes and manages work/materials Produces quality work 	<ul style="list-style-type: none"> Shows respect for self and others Engages effectively in collaborative activities Participates appropriately in discussions Actively Listens

Academic Levels of Proficiency

Level 4 – Exceeds = Student independently applies knowledge in novel and unexpected ways.

Level 3 – Meets = Student understands concepts and demonstrates proficiency. Student can show understanding and apply his/her learning.

Level 2 – Approaching = Student is approaching understanding, but still needs support from teachers and parents.

Level 1 – Below = Student is beginning to identify concepts, but does not demonstrate understanding. Student requires a high level of support.

Characteristics of a Successful Learner Levels of Proficiency

Level 4 – Exceeds = Student consistently and independently demonstrates characteristics.

Level 3 – Meets = Student often demonstrates the characteristics.

Level 2 – Approaching = Student needs teacher reminders to successfully demonstrate characteristics.

Level 1 – Below = Student rarely demonstrates the characteristics and needs significant support.