



## FIFTH GRADE LEVEL OBJECTIVES PRIMARY EDITION

### READING/LITERATURE

- Maintains word recognition skills including phonics, contextual analysis and structural analysis
- Maintains vocabulary development skills
- Maintains comprehension skills
- Recognizes and uses vocabulary related to specific content areas
- States the main idea of a reading selection
- Sequences events of a selection
- Uses specific details to support a given statement
- Predicts possible outcomes of a reading selection
- Compares and contrasts information
- Understands elements of literature
- Recognizes story elements: plot, setting, characterization, theme, mood and tone
- Reads to understand various literary genres and forms (*i.e. fantasy, biography & poetry*)
- Recognizes literary devices (*e.g. personification, alliteration, onomatopoeia, analogy*)

### WRITING/GRAMMAR

- Expresses ideas through the writing process: Prewriting, Editing, Revising, Drafting, Publishing, Sharing
- Recognizes and begins to eliminate fragments and run-ons
- Consistently capitalizes sentence (*i.e. beginnings, proper nouns, titles*)
- Uses correct agreement between subjects and verbs
- Keeps tense in writing consistent
- Uses standard proofreading marks
- Self-edits punctuation, capitalization, grammar
- Uses literature/other written models to learn, confirm grammar & mechanics
- Understands and uses climax
- Understands and uses conflict
- Uses dialogue in writing

### SPELLING

- Spells 5th grade high frequency word list correctly
- Maintains spelling rules and spelling generalizations
- Uses resources to verify standard spelling (*e.g. dictionary*)
- Self-edits for spelling and grammar

### LIBRARY

- Understands parts of a book
- Uses resource materials to access information
- Uses the research process
- Applies searching skills
- Selects and evaluates books

### HANDWRITING

- Uses and refines cursive handwriting

### MATHEMATICS

- Maintains recall of basic math facts
- Uses estimation as a problem-solving procedure
- Uses mental mathematics to estimate results of computation
- Reads, writes & identifies numbers with place values through billions & decimals through thousandths
- Maintains addition, subtraction, multiplication and division of whole numbers, with or without a calculator

# FIFTH GRADE LEVEL OBJECTIVES

## PRIMARY EDITION

### **MATHEMATICS** (*cont'd...*)

- Adds, subtracts and multiplies common fractions and decimals, with or without a calculator
- Divides any decimal by a one digit whole number
- Mentally computes with multiples of ten
- Multiplies a three digit number by a two digit number
- Divides a two or three digit number by a one or two digit divisor to find a quotient with or without a remainder
- Identifies primes, composites, factors, multiples, squares & square roots
- Recognizes decimal equivalents for other decimals as well as for fractions
- Determines fractional equivalents & expresses them in lowest terms
- Converts percents into decimals or fractions
- Understands and calculates percents and ratios
- Solves multiple step number stories involving whole numbers, fractions, decimals, ratios, integers and percents
- Identifies, analyzes, and solves problems using algebraic equations
- Estimates and uses measurement in the standard and metric system
- Identifies and constructs common geometric figures
- Applies the formula for perimeter and area of parallelograms & circumference and area of circles
- Interprets data from an experiment or situation
- Interprets and constructs different types of graphs

### **STUDY SKILLS**

- Uses an assignment notebook as an organizational tool
- Applies appropriate content area reading strategies in order to locate and earn information
- Uses graphic organizers in order to master the content
- Studies for & successfully performs on tests containing the formats taught
- Prepares for tests and quizzes using review sheets & student notes
- Takes notes on topics presented in class by teachers & other students
- Researches & writes papers/projects on selected topics in content areas
- Recognizes the importance of utilizing time management skills
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### **SCIENCE**

#### ***Life Science***

- Know that organisms have different characteristics
- Knows that organisms can be classified according to vertebrates and invertebrates
- Understands what a cell is and how it works
- Explain how organs work together
- Understand the Systems of the human body
- Recognize the parts of a plant and their uses
- Know what an ecosystem is and how it changes
- Understand the earth's biomes

#### ***Earth Science***

- Explain what the water cycle is
- Know where fresh water can be found
- Describe how clouds form
- Understand weather patterns including how air moves, air mass and what causes severe weather
- Describe the earth's changing surface
- Know what is the structure of Earth
- Knows the causes and effects of earthquakes and volcanoes
- Describe what causes Earth quakes
- Explain erosion



## FIFTH GRADE LEVEL OBJECTIVES PRIMARY EDITION

### *Physical Science*

- Knows that the weight of an object always equals the sum of its parts
- Determine the property of minerals
- Understand that materials may be too small to be seen without magnification
- Understand that elements combine to form molecules
- Understand the common properties of salt
- Recognize that matter is conserved during heating and cooling
- Know the difference between mixtures and solutions

### *Space and Technology*

- Identify structures that ancient people built to show the importance of the movement of the Sun, Moon, and stars of their culture
- Identify instruments that were used to explore the universe
- Describe the Characteristics of stars, including the Sun
- Identify different types of galaxies
- Explain the apparent motion of the stars in the sky
- Construct models to compare objects in science

### **SOCIAL STUDIES**

- Identifies origins of the first Americans and the reasons for their migration to North America
- Compares and contrasts reasons for exploration and settlement of North America
- Understands the cause and effect of key factors of the American Revolution
- Understands the development and importance of the United States Constitution and the system of checks and balances
- Identifies major political events and leaders within U.S. historical eras
- Cites the major factors in the settlement of the American West in the mid-1800's
- Realizes what life was like for immigrants
- Understands the causes and effects of the Industrial Revolution
- Understands the causes for and the results of the Civil War
- Understands latitude, longitude, time zones, and time lines
- Reads and interprets graphs and charts
- Interprets relief, elevation, an historical maps
- Realizes the impact of economics on society
- Participates in a community service project
- Participates in current events discussions

### **ART**

- Recognizes the various elements of design such as line, shape, color, value, texture & the different ways artists use them in works of art
- Recognizes the various principles of design such as balance, emphasis, proportion, movement, and unity and the different ways artists use them in works of art
- Understands the use of basic art materials in works of art
- Understands the use of basic art techniques in works of art
- Recognizes that through the use of basic art elements and principles, artists express ideas in unique and personal ways
- Identifies basic art processes involved in simple two-dimensional & three-dimensional projects
- Identifies materials and tools used in basic art processes
- Demonstrates the basic skills necessary to create selected visual images
- Demonstrates how the elements and principles of art are used to convey an idea or feeling in two-dimensional & three-dimensional visual images
- Demonstrates expressive qualities in selected visual images through the creation of two and three-dimensional projects
- Demonstrates the appropriate use of skills, tools, and materials in two & three-dimensional projects
- Recognizes that different styles of artwork are associated with historical periods
- Recognizes the different styles of artwork influenced by various societies, cultures, and civilizations

## FIFTH GRADE LEVEL OBJECTIVES PRIMARY EDITION

### MUSIC

- Uses a variety of singing skills
- Develops listening skills
- Understands steady beat
- Recognizes notes and note values
- Understands the musical terms pitch, dynamics, and duration
- Listens/sings-to a variety of musical styles from many cultures
- Recognizes a variety of tone colors including orchestral, band, vocal & ensembles

#### ***Recorder Skills***

- Plays a C Major scale
- Understands proper techniques for breathing and fingering
- Recognizes pitches on a staff



### TECHNOLOGY

#### ***Computer Operation***

- Understands the organizational structure of the hard drive including “folders”, “documents types”, and “files”
- Learns multi-tasks at the finder level and from within an application

#### ***Multimedia***

- Uses magic buttons to enhance stacks

#### ***Keyboarding***

- Attains speed goal of 15 words per minute

#### ***Telecommunication***

- Begins to use individual e-mail concepts & the Internet (e.g. *World Wide Web*)

#### ***Information Services***

- Uses electronic encyclopedias to access and retrieve information
- Uses age appropriate reference CD ROM's to search, access, retrieve and synthesize information

#### ***Word Processing***

- Can load and revise an existing file

#### ***Graphics***

- Can add clip art to the scrapbook independently from other applications

#### ***Programming***

- Uses Logo language to animate graphics, program page movement, write

### PHYSICAL EDUCATION

Increases in strength, endurance, power, flexibility, agility & speed through participation in the *Fitness Program*

#### ***Team Sports***

- Learns the basic skills of each sport
- Understands and applies the general rules of the game
- Improves one's own self image
- Learns basic safety and fair play rules

#### ***Playground Games***

- Learns skills through organized game playing
- Learns to balance cooperation with competition

#### ***Aerobics***

- Improves fitness through cardiovascular exercise
- ***Rhythms and Movement Education***
- Learns dances and creative movement