

## **MATHEMATICS**

- ✓ **ADDING AND SUBTRACTING**
  - Single, double and triple digits with and without regrouping
- ✓ **NUMBERS AND NUMERATION**
  - Identify place value through 10,000
  - Number patterns, even and odd numbers
  - Compare and order numbers through 1000
- ✓ **GRAPHING**
  - Pictograph, bar and line graph, coordinate grid, Venn diagram
  - Survey and table chart
- ✓ **GEOMETRY**
  - Plane and solid shapes
  - Sides and vertices of plane shapes
  - Quadrilaterals
  - Congruent shapes
  - Faces, edges and vertices
- ✓ **TIME AND MONEY**
  - Up to \$1.00
  - Up to 5 minutes
- ✓ **MEASUREMENT**
  - Inches, centimeters, feet, yard, meters
  - Estimation and exact measurement
- ✓ **ALGEBRA READINESS**
- ✓ **PROBLEM SOLVING**

## **ENGLISH/LANGUAGE ARTS**

- ✓ **LITERATURE**
  - Recall and explain details of text including characters, problem, solution, and point of view
  - Determine central message/moral of fable and folktale
  - Compare and contrast multiple stories
  - Read and understand key components of a poem, song or story.
  - Fluency

## ✓ **INFORMATIONAL**

- Identify informational text features (captions, bold, heading and subheading, index)
- Main idea and supporting details
- Make a connection between text and historical event or scientific concepts

## ✓ **LANGUAGE ARTS**

- Nouns, irregular plural nouns, reflexive pronouns, past tense form of irregular verbs, adjectives, adverbs and pronouns, contractions, possessives, compound words, synonym and antonyms
- Produce, expand and rearrange simple and compound sentences
- Use conventions of standard English
  - ❖ Capitalization
  - ❖ Punctuation
  - ❖ Spelling
- Prefixes, suffixes, base/root word

## ✓ **PHONICS/SPELLING**

- Decode words
  - ❖ Long vowel
  - ❖ Short vowel
  - ❖ Consonant sounds
  - ❖ Blends
  - ❖ Digraphs
- Recognize age appropriate sight words
- Use and apply spelling strategies

## ✓ **WRITING**

- Write about a focused topic
- Understand the writing process and how to revise, edit and publish
- Write opinion pieces
- Use linking and transition words

## ✓ **HANDWRITING**

- Zaner-Bloser method
- Cursive is used mid-year

## **SOCIAL STUDIES**

- ✓ **MAP AND GLOBAL SKILLS**
- ✓ **WHERE WE LIVE**
- ✓ **OUR EARTH**
- ✓ **WORKING TOGETHER**
- ✓ **OUR COUNTRY TODAY**
  - Quick changes
  - Earth Materials and Systems
  - Plate Tectonics and Large-Scale System Interactions (maps)
  - The Roles of Water in Earth's Surface Processes

## **\*SCIENCE**

### ✓ **STRUCTURE AND PROPERTIES OF MATTER**

- Classify by observation
  - ❖ Physical properties
  - ❖ Solid
  - ❖ Liquid
  - ❖ Temperature
- Chemical reactions
  - ❖ Mixture
  - ❖ Solution
- Investigate, experiment, analyze data & engage in argument from evidence

### ✓ **INTERDEPENDENT RELATIONSHIPS IN ECOSYSTEMS**

- Plants
- Animals
- Observation of habitats (land and water)
- Problem solving

### ✓ **EARTH'S SYSTEMS: PROCESSES THAT SHAPE THE EARTH**

- The History of Planet Earth
  - ❖ Slow changes
  - ❖ Quick changes
- Earth Materials and Systems
- Plate Tectonics and Large-Scale System Interactions (maps)
- The Roles of Water in Earth's Surface Processes

### ✓ **ENGINEERING DESIGN**

- Defining and Delimiting Engineering Problems

- ❖ Ask questions, make observations, gather information
- Develop Solutions
  - ❖ Designing
- Optimize the Design

**\*Curriculum will be adjusted to meet newly adopted State Standards**



### **HOPE**

- Character education and identifying positive and negative behaviors
- Identification of team working skills
- Understanding cultural differences
- Identify decision making and problem solving skills
- Identify dangerous situations and safety methods: Internet safety and Fire safety
- Good/Bad and Confusing Touches
- Identifying Emotions and how to control them
- Identify body systems and their functions
- Identify actions that harm the body such as drugs
- Identify actions that help the body such as hand washing, proper dental health, nutrition, exercise and sleep
- Identify conflicts and bullies
- Identify refusal skills for drugs and advertising
- Identify food groups
- Understand how germs are spread and identification of bacteria and viruses
- Identify why people work, where people work, and tools people work with
- Awareness of a healthy environment: Water pollution
- Understanding basic economics

### **\*PHYSICAL EDUCATION**

- Eye, hand, and foot coordination
- Physical fitness/conditioning
- Rhythmic activities
- Cooperative Games
- Manipulative skills
- Understanding of safe movement in physical activities
- Swimming

### **COMPUTERS**

- Parts of a computer
- Use and care of computers
- Computer technology
- Use of word processor
- Printing documents

### **LIBRARY**

- Proper library behavior
- Book care
- Terminology
- Book parts
- Shelving books
- Alphabetical order
- Read aloud
- Book selection
- Videos: holiday and academic

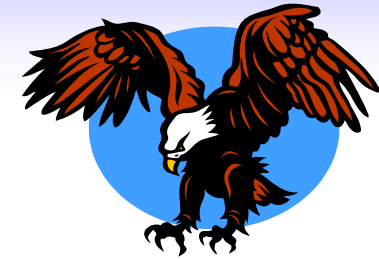
### **MUSIC**

- Rhythm
- Melody
- Tonal center
- Singing
- Listening
- Movement
- Reading notation
- Play simple melody instruments
- Perform in seasonal concerts and in bi-annual musical revue

### **ART**

- Safe practices
- Using media tools: paint, draw, construction
- Elements of art: line, shape, space, color, and texture repetition and pattern

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**2<sup>nd</sup> Grade  
Curriculum Guide**

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