## **FIRST Grade**

### **English Language Arts**

#### **Foundational Reading**

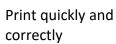
Read one syllable words
Work with sounds and letters
Read high frequency words

#### **Thinking about Reading**

Ask and answer questions referring to text

#### Writing

Express complete thoughts through writing



Write complete sentences



Stay on topic, take turns, and respond appropriately in discussions

#### **Mathematics**

# Operations & Algebraic Thinking

Determine the unknown whole number in addition and subtraction equations (three whole numbers)

Work with the commutative property of addition

## Number/Operations in Base Ten

Add and subtract within 100 including multiples of 10

Understand Place Value; tens, ones

#### **Measurement & Data**

Compare the lengths of two objects, iterate length

Tell and write time to half hour

Know coins and their value

Represent and interpret data

# 9

#### Geometry

Describe defining attributes of shapes

Partition circles and rectangles into 2 or 4 equal shares

#### **Science**

#### **Life Science**

Structure, Function and Information Processing:
A Bunny's Life

A Bunny's Life

#### **Physical Science**

**Waves:** Sending Messages with Light and Sound

#### **Earth Science**

\*Space systems: Sky Patterns

#### **Science Practices**

Ask questions and define problems Develop and use models

Plan and carry out investigations

Analyze and interpret data

Use mathematical and computational thinking

Engage in argument from evidence

Construct explanations and design solutions

Obtain, evaluate, and communicate information

#### **Cross Cutting Concepts**

Patterns; Cause and Effect; Scale, Proportion, and Quantity; Systems and System Models; Energy and Matter; Structure and Function; Stability and Change

\*Science units rolling out over the next few years

#### **Social Studies**

#### History

Family and community

Symbols and historical events

#### Geography

Maps and globes

Physical Environment



#### **Economics**

Needs and wants (Family)

Economic decision making

#### Government

Citizens and responsible citizenship

Rules and laws

#### **Social Studies Practices**

Gather, interpret, and use evidence

Apply chronological reasoning and consider causation

Compare and contextualize

Analyze economics and economic systems

Apply geographic reasoning

Engage in and value civic participation