Dear Parents,

We have a year full of learning for your first-grade student planned. Below you find the topics that will be taught and a brief explanation of what your first grader will be able to do after they have learned the topic. If you have any questions please contact us.

1st Grade Syllabus

**Math**

**Unit 0 Think Like a Mathematician**

Students will establish number sense and routines. They will be counting to 100, solving addition and subtraction word problems within 10, and adding and subtracting with 10 fluently within 5.

**Unit 1 Developing Base Ten Number Sense**

Students will be able to count to 120 and understand the relationship between dimes and pennies.

**Pre-Unit 2**

Students will be able to solve addition and subtraction word problems within 10 and add and subtract within 10 and fluently within 5.

**Unit 2 Operations and Algebraic Thinking**

Students will be able to add and subtract word problems within 20 and add and subtract within 20 and fluently within 10.

**Pre-Unit 3**

Students will be able to compose and decompose numbers to 19 and add and subtract within 20 and fluently within 10.

**Unit 3 Understanding Place Value**

Students will be able to understand tens and ones, add within 100, and subtract multiples of 10 within 10-90 range.

**Pre-Unit 4**

Students will be able to describe measurable attributes of objects and compare and order objects by length.

**Unit 4 Sorting, Comparing, and Ordering**

Students will be able to measure length of an object as whole numbers and tell and write time.

**Pre-Unit 5**

Students will be able to compose simple shapes.

**Unit 5 Understanding Shapes and Fractions**

Students will be able to compose two-dimensional shapes and partition circles and rectangles into equal shares.

**ELA**

**Review Unit 0: Ask and answer questions about key details in a text**

Students will be able to ask and answer questions on books, videos, and a variety of topics.

**Unit 1: Question It**

Students will be able to ask and answer questions, put words into context, and write narratively.

**Unit 2: Tell About It**

Students will be able to retell stories, explain the central message, tell the main topic, pot words in context, and write informative/explanatory.

**Unit 3: Describe it**

Students will be able to tell the elements of a story, make textual connections, words in context, and opinion writing.

**Unit 4: Compare and Contrast It**

Students will be able to compare and contrast stories, highlight the major points in a text, put words in context, narratively write.

**Unit 5: Identify It**

Students will be able to retell stories, recognize the central message; main Topic, words in context, informative and explanatory writing.

**Unit 6: Explain It**

Students will be able to verbalize the elements of a story, connect text, put words in context, and opinion writing.

**Science**

**Unit 0: Think Like a Scientist**

Students will be able to use proper lab safety procedures.

**Unit 1: Weather**

Students will learn the process of weather, forms of precipitation and how climate change effect the Earth’s surface.

**Unit 2: Needs of Living Things (Plants and Animals)**

Students will learn:’

* Students will learn the basic needs of plants and animals
* Cycles of matter and energy transfer in ecosystems

**Unit 3: Light and Sound**

Students will learn sources of light and sound.

**Unit 4: Magnets**

Students will learn how objects change motion or shape when pushed on one another through by touch or collide.

**Social Studies**

**Unit 0: Think Like a Historian**

Student will ask and answer questions regarding the Patriotic songs; discuss cultural differences of life in the past versus life today.

**Unit 1: Our National Heritage**

Student will learn the words and meaning of America (My Country Tis of Thee) and America the Beautiful

**Unit 2: A Changing Country**

Student will learn how past Presidents and key influencers such as Ruby Bridges and William Clark changed the face of our nation.

**Unit 3: Inventors in the United States**

Students will learn of inventions made by Benjamin Franklin and George Washington Carver.

**Unit 4: Community Helpers**

Students will learn the importance of contributions made by Theodore Roosevelt and the influence it made on America.

**Unit 5: We are Alike, We are Different**

Students will learn the difference between a city, county, state, nation and continent.