

Elementary Scope & Sequence

1 st Quarter (9 weeks) 8/14/19-10/10/19	2 nd Quarter (9 weeks) 10/15/19-12/19/19
<ul style="list-style-type: none"> ◆ Unit 0: SEL The First Five Days (5 Days: Aug.14-Aug.20) <ul style="list-style-type: none"> ➤ Big Ideas: Becoming Self Aware ➤ Important Concepts: Emotional Health <ul style="list-style-type: none"> ● Social Emotional Learning ● Building Relationships ● Establish Procedures and Routines ◆ Unit 1: Working Like A Scientist (10 Days:Aug.21-Sept.5) <ul style="list-style-type: none"> ➤ Important Concepts: Science Safety <ul style="list-style-type: none"> ● Science Safety ● Using Inquiry Skills ● How Scientist Work ➤ Process TEKS: 2.1, 2.1A, 2.2, 2.2A, 2.2B, 2.2C, 2.2E, 2.2F, 2.3, 2.4A ➤ Readiness TEKS: ➤ Supporting TEKS: ◆ Unit 2: Investigating Matter (20 Days: Sept.6-Oct. 10) <ul style="list-style-type: none"> ➤ Big Ideas: Measuring The Physical Properties in Matter ➤ Important Concepts: Changing States Of Matter <ul style="list-style-type: none"> ● What Are Physical Properties of Matter ● How Does Matter Change ● How Can Water Change States ● Classifying Matter Using Multiple Properties ● STEM Challenge: Build A Bridge ➤ Readiness TEKS: 2.5A, 2.5B ➤ Supporting TEKS: 2.5C, 2.5D <p>Processing Standards :2.1-2.4 Taught Throughout</p>	<ul style="list-style-type: none"> ◆ Unit 3: Investigating Force, Motion and Energy (15 Days: Oct.15-Nov.15) <ul style="list-style-type: none"> ➤ Big Ideas: Exploring Energy ➤ Important Concepts: Thermal, Light and Sound Energy <ul style="list-style-type: none"> ● What is Energy and Forces ● How Does The Sun Warm Our Homes (Thermal Energy) ● How Do Forces Make Objects Move ● What Are Magnets And How Strong Are They ● STEM Challenge: Use Magnets ➤ Readiness TEKS: 2.6A, ➤ Supporting TEKS: 2.6B, 2.6C ◆ Unit 4: Investigating Earth, Weather and Space (20 Days: Nov.18-Dec.19) <ul style="list-style-type: none"> ➤ Big Ideas: Earth’s Resources, Weather and The Solar System ➤ Important Concepts: How We Depend on The Solar System and Earth’s Resources <ul style="list-style-type: none"> ● Compare Rocks by Size, Texture, Color ● Different Water Sources Freshwater and Saltwater ● Natural and Manmade Resources ● How Does Weather Change ● Precipitation and Evaporation ● What Are Planets and Stars ● What Causes Day And Night ➤ Readiness TEKS: 2.7A, 2.8C ➤ Supporting TEKS: 2.7B, 2.7C, 2.8B, 2.8A <p>Processing Standards :2.1-2.4 Taught Throughout</p>

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3 rd Quarter (9 weeks) 1/07/20-03/20/20	4 th Quarter (9 weeks) 3/23/20-5/27/20
<ul style="list-style-type: none"> ◆ Unit 0: SEL The First Five Days (5 Days:Jan.7-Jan.14) <ul style="list-style-type: none"> ➤ Big Ideas: Becoming Self Aware ➤ Important Concepts: Emotional Health <ul style="list-style-type: none"> ● Social Emotional Learning ● Building Relationships ● Establish Procedures and Routines ◆ Unit 5: Environmental Interdependence (20 Days: Jan.15-Feb.12) <ul style="list-style-type: none"> ➤ Big Ideas: How Living Things Survive In Their Environment ➤ Important Concepts: Environments For Living Things <ul style="list-style-type: none"> ● How Do Plants And Animals Need One Another ● How Are Living Things Adapted To Their Environment ● Can Plants Survive in Different Environments ● S.T.E.M Engineering and Technology: Go Wlth The Flow ➤ Readiness TEKS: 2.9C ➤ Supporting TEKS: 2.9B ◆ Unit 6 Investigating Animal And Plant Needs (15 Days: Feb.13-Mar.17) <ul style="list-style-type: none"> ➤ Big Ideas: Basic Needs of Animals and Plants ➤ Important Concepts: What Animals and Plants Need To Survive <ul style="list-style-type: none"> ● What Are Animal Needs ● What Are Plant Needs ● What Do Plants Need To Grow ➤ Readiness TEKS: 2.9C ➤ Supporting TEKS: 2.9A, 2.10B <p>Processing Standards :2.1-2.4 Taught Throughout</p>	<ul style="list-style-type: none"> Unit 7: Investigating Animal And Plant Characteristics (30 Days:Mar.23-May 4) <ul style="list-style-type: none"> ➤ Big Ideas: Characteristics of Living Things ➤ Important Concepts: What Animals Need To Survive <ul style="list-style-type: none"> ● What Are Some Kinds Of Animals ● How Do Body Coverings Help Animals ● How Can We Compare Animal Life Cycles ● What Are Some Plant Life Cycles ● STEM How Does A Bean Plant Grow ➤ Readiness TEKS: 2.10A ➤ Supporting TEKS: 2.9B, 2.10B, 2.10C Unit 8: Working As Scientists: Prepare For District Science Fair (15 Days: May 5-May 26) <ul style="list-style-type: none"> ➤ Big Ideas: Students Will Prepare For The District Science Fair ➤ Important Concepts: Understanding The The Scientific Method To Create A Science Project <ul style="list-style-type: none"> ● Getting Started ● Doing Background Research ● Constructing a Hypothesis ● Testing Your Hypothesis by Doing an Experiment ● Analyzing Your Data and Drawing a Conclusion ● Communicating Your ResultsG ➤ Readiness TEKS: 2.5(A) 2.5(B) 2.6(A), 2.7(A), 2.8(C) , 2.9(C), 2.10(A) ➤ Supporting TEKS: 2.5(C), 2.5(D), 2.6(B), 2.6(C), 2.7(B), 2.7(C), 2.8(A,B) 2.9(A), 2.9(B), 2.10(B), 2.10(C) <p>Processing Standards :2.1-2.4 Taught Throughout</p>



CURRICULUM AND
INSTRUCTION

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