

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
<p>❖ Unit 0: SEL The First Five Days (5 Days: Aug.14-Aug.20)</p> <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 <p>❖ Unit 1: Safety: Working Like a Scientist (10 Days: Aug.21-Sept.5)</p> <ul style="list-style-type: none"> ➤ Big Ideas: How Scientists Work ➤ Important Concepts: Setting Up Science Journal <ul style="list-style-type: none"> ● How Can We Learn Inquiry Skills ● How Do Scientists Work ● What Are Important Science Tools ● How Do We Set Up Our Science Journal ➤ Readiness: ➤ Supporting: ➤ Process: 1.1A,1.2B, 1.2C, 1.2D, 1.3A,1.3C, 1.4A <p>Unit 2: Investigating Properties of Matter (20 Days: Sept.6-Oct.10)</p> <ul style="list-style-type: none"> ➤ Big Ideas: Physical Properties of Matter ➤ Important Concepts: Classify and Observe Properties of Matter <ul style="list-style-type: none"> ● What Can We Observe About Objects and Weight ● How Can We Measure Temperature ● How Does Heating and Cooling Change Matter ● S.T.E.M.Engineering and Technology: Think About Process ➤ Readiness TEKS: 1.5A ➤ Supporting TEKS: 1.5B, 1.5C <p>Processing Standards: 1.1-1.4 Taught Throughout</p>	<p>❖ Unit 3: Investigating Energy and How Objects Move (20 Days:Oct. 15-Nov.20)</p> <ul style="list-style-type: none"> ➤ Big Ideas: Forces, Energy, and Magnetism ➤ Important Concepts: The Ways In Which Energy Is Used <ul style="list-style-type: none"> ● How Do We Use Energy ● How Do Magnets Move Objects ● How Do Objects Move and How Can We move A Ball ● How Can We Change The Way Objects Move ● S.T.E.M. Fly To The Sky: Build It Paper Airplanes ➤ Readiness TEKS: 1.6A ➤ Supporting TEKS: 1.6B, 1.6C <p>Unit 4: Investigating Rocks, Soil, and Water (15 Days: Nov.21-Dec.18)</p> <ul style="list-style-type: none"> ➤ Big Ideas: Earth's Resources ➤ Important Concepts: How Do We Conserve Earth's Resources <ul style="list-style-type: none"> ● What Can We Find On Earth ● What Is Soil and Their Differences ● Where Can We Find Water ● S.T.E.M. Conserving Earth's Resources Making A Water Filter ➤ Readiness TEKS: 1.7A, 1.8A, 1.8B, ➤ Supporting TEKS: 1.7B, 1.7C, 1.8C, 1.8D <p>Processing Standards: 1.1-1.4 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: Investigating The Patterns of Weather and Planets (20 Days: Jan. 15-Feb. 11) <ul style="list-style-type: none"> ➤ Big Ideas: Weather, Seasons, and Repeating Patterns ➤ Important Concepts: Repeating Patterns <ul style="list-style-type: none"> ● What Can We Observe About Weather ● What Are Seasons And Why Do They Happen ● Objects In The Sky And How Does The Sun Seem To Move ● S.T.E.M Building A Rain Gauge ➤ Readiness TEKS: 1.8A, 1.8B ➤ Supporting TEKS: 1.8D, 1.8C ◆ Unit 6: Investigating Organisms and Environments: Plants (15 Days: Feb. 12-Mar.18) <ul style="list-style-type: none"> ➤ Big Ideas: Plant Features and Life Cycles ➤ Important Concepts: Physical Characteristics of Plants and Their Environments <ul style="list-style-type: none"> ● What Are Living And Nonliving Things ● Where Do Plants And Animals Live ● What Are Some Plant Parts ● What is A Terrarium ● A Place For A Butterfly S.T.E.M. ➤ Readiness TEKS: 1.9C ➤ Supporting TEKS: 1.9A, 1.9B, 1.10B 	<ul style="list-style-type: none"> ◆ Unit 7: Investigating Organisms and Environments: Animals (30 Days: Mar.23-May 4) <ul style="list-style-type: none"> ➤ Big Ideas: Animal Features and Life Cycles ➤ Important Concepts: Physical Characteristics of Animals and Their Environments <ul style="list-style-type: none"> ● How Do Animals Differ ● How Can We Group Animals ● What are Some Animal Life Cycles ● Careers In Science: Zoo Keeper ● On The Farm S.T.E.M. ➤ Readiness TEKS: 1.9C, 1.10A, 1.10D ➤ Supporting TEKS: 1.9A, 1.9B, 1.10C ◆ 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 Results ➤ Readiness TEKS: 1.5A, 1.6(ABC), 1.7(AB), 1.8C, 1.9 (A,B), 1.10(A,B) ➤ Supporting TEKS: 1.9C
Processing Standards: 1.1-1.4 Taught Throughout	Processing Standards: 1.1-1.4 Taught Throughout



CURRICULUM AND
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