

Curriculum Map

Subject: Science	Grade: 4	
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Time Frame	Topic	Content	Resources	Stand.	Assess.

September	Identifying Living Things	<ul style="list-style-type: none"> Identify parts of an animal and plant cell. To list the Five Basic Life Functions. Draw and label the parts of an onion plant. To identify living and non-living things. 	<ul style="list-style-type: none"> Journals Illustrations Charts Microscopes (Specimen Slides) Venn Diagrams Teacher Made Worksheets Group Work 	LS.2 LS.5 TE.1	<ul style="list-style-type: none"> Quizzes Tests Study Aides and Guides (Used for all chapters and units).
October	Classifying Living Things	<ul style="list-style-type: none"> Classification of Living Things Classifying Organisms of the Past (Looking at Fossils) How do you know how old a fossil is? Study of Earth Columns to identify the AGE of a fossil. 	<ul style="list-style-type: none"> Journal Entries Compare and Contrast Activities. iPad Videos Charts Chart Paper for group work Classification materials. 	TE.1 LS.1 And 2 LS.5	<ul style="list-style-type: none"> Quiz Test Journal response Poster

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November and December	Matter on the Move!	<ul style="list-style-type: none"> Identifying Matter as a solid, liquid or a gas To cite examples of solids, liquids and gases To list properties of each type of matter To measure matter To define and understand mass, density, gravity, grams and kilograms 	<ul style="list-style-type: none"> Journals Study Aides/Guides Group Activities Videos (Bill Nye the Science Guy) Scholastic Video Rulers Balances Weights Objects of Different Types of Matter Measuring Cups Rulers Measuring Tape 	PS.1,2,3 TE.1 TE.2	<ul style="list-style-type: none"> Quiz Test Text Questions Element Poster The Scientific Method
January	Energy and Change	<ul style="list-style-type: none"> Types of Changes (Physical and Chemical Changes) Heat Energy/Evaporation 	<ul style="list-style-type: none"> Baking Soda and Vinegar Experiment 	PS.4 PS.5 PS.3	<ul style="list-style-type: none"> Study Guides and Aides

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		<ul style="list-style-type: none"> Define Heat vs. Temperature Explain the difference between a chemical and physical change. Define and give examples of insulators, conduction and convection 	<ul style="list-style-type: none"> iPad Videos Pennies showing copper acetate Refer to Statue of Liberty made of copper 	PS.7 TE.3	<ul style="list-style-type: none"> Journal Entries Quiz Test
February	Describing Animals/Types of Invertebrates and Vertebrates and how they help us in our world	<ul style="list-style-type: none"> Define and describe animal characteristics of vertebrates and invertebrates (Classes of animals, such as fish, mammals, amphibians, reptiles, birds, sea anemones, sea stars, cnidarians, arthropods and crustaceans.) 	<ul style="list-style-type: none"> Images of animals on iPad Charts Pictures Draw and label animals and their characteristics 	LS.3 LS.4 LS.6 LS.7 and 8 LS.1	<ul style="list-style-type: none"> Journals Quizzes Tests Diagrams Venn Diagrams
March	Organ Systems	<ul style="list-style-type: none"> Define the seven Organ Systems in the Human Body as well as how they relate to one another To list what organs are associated with each system 	<ul style="list-style-type: none"> Organ System Packets (visual) iPad videos showing the functions of each system 	No Standards at this time	<ul style="list-style-type: none"> Journals Diagrams Labeling each system and explain

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			<ul style="list-style-type: none"> Draw and Label parts of the Digestive System and how it works 		how they work <ul style="list-style-type: none"> Quiz Test
April	Rocks and Minerals	<ul style="list-style-type: none"> What can you learn about rocks? Define igneous, sedimentary and metamorphic rocks and how they differ Identify color, streak and hardness when identifying rocks 	<ul style="list-style-type: none"> Study Aides and Guides Samples of Rocks Rock Kit Streak Kit Visuals and Charts Bill Nye the Science Guy Video Write a Rock Story or Poem Library Resource Books Youtube Video Demos 	TE.1 TE.3 TE.4 ESS.2, 3, 4	<ul style="list-style-type: none"> Experiments and Journals Study Aides and Guides Tests Quizzes Teacher Observation of Group Work

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May/June	The Human Body/Health/Diet	<ul style="list-style-type: none"> ● Introduce the Skeleton (Charlie) ● To label the bones of the skeleton ● To explain the function of our bones and muscles. ● To define skeletal muscles, smooth muscle and cardiac muscle ● The Food Pyramid/Health and Safety ● How to take care of our bodies in our everyday lives 	<ul style="list-style-type: none"> ● Skeleton Model ● iPad Videos ● The Skeleton Dance ● Teacher Provided Worksheets ● My Daily Health Booklet ● Library Resources ● Journal Writing 	No Standards at this time	<ul style="list-style-type: none"> ● Journal Entries ● Study Aides and Guides ● Test ● Quiz ● Essay ● Human Body Poster