

Curriculum Map

	Content and Essential Questions	Skills: Students will...	Assessment	Materials/Technology Resources	
	<p>Properties of Matter – PS 1</p> <ul style="list-style-type: none"> • What is matter? • What properties are used to differentiate between forms of matter? • What are the properties of common objects 	<ul style="list-style-type: none"> • define matter as anything that has mass and volume • explore properties to include: size shape, weight, color, texture and hardness • describe and sort materials based on their properties 	<ul style="list-style-type: none"> • define matter in terms of mass and volume and give examples • demonstrate working knowledge of the properties of matter and use them to sort materials 	<ul style="list-style-type: none"> • gather materials to be used for matter investigations • gather measuring tools: balance and ruler for activities with properties 	
	<p>States of Matter – PS 2,3</p> <ul style="list-style-type: none"> • What are the three basic forms of matter? • How are the forms of matter alike? • How are the forms of matter each different? • How does matter change from solid to liquid to gas and back again? 	<ul style="list-style-type: none"> • recognize that matter occurs as solid, liquid and gas • all forms of matter are alike by being made of tiny particles called molecules with mass and volume that are in constant motion • matter differs based on their ability to hold a shape or not and their volume being definite or not • conduct experiments with solids, liquids and gases to show how they change from one form into another by adding or subtracting heat 	<ul style="list-style-type: none"> • state the forms of matter and give an example for each • given examples, describe how all matter is alike • be able to compare and contrast the three states of matter using examples • ask question based on the topic • communicate the results of experiments in verbal or written form 	<ul style="list-style-type: none"> • video clips, pictures and actual objects for discussing the characteristics of matter • source of heat and cold for conducting experiments 	