

Curriculum Map

	Content and Essential Questions	Skills: Students will...	Assessment	Materials/Technology Resources	
	<p>Energy – PS 4,5</p> <ul style="list-style-type: none"> • What is energy? • What are the basic forms of energy? • How does energy get transferred from one form into another? • How are potential and kinetic energy related? 	<ul style="list-style-type: none"> • define energy as the ability to cause motion or create change • identify the basic forms of energy (light, sound, heat, electrical, magnetic, chemical) • identify and describe how one form of energy is transferred to another form • understand potential energy as stored or ready and kinetic energy as motion or action occurring • conduct activities that model the forms of energy and their means of transfer • collect data from activities and graph or otherwise depict the results 	<ul style="list-style-type: none"> • discuss or write an explanation of how we notice energy at work • from pictures or descriptions assign a type of energy that has been used • describe a situation that demonstrates energy transferring • from a series of situations, differentiate between potential and kinetic energy • show and communicate results from energy activities • pose questions based on the topic of energy 	<ul style="list-style-type: none"> • collect a variety of pictures of energy in action • utilize toys, sports equipment and tools to model the forms of energy • 	