

Curriculum Map

	Content and Essential Questions	Skills: Students will...	Assessment	Materials/Technology Resources	
	<p>The Scientific Method</p> <ul style="list-style-type: none"> • What is the scientific method? • What are the steps in using it to solve a problem? • What kinds of problems can be solved with the scientific method? • 1. State the question or problem • 2. Find out what is already known • 3. Form a hypothesis of what you think will solve the problem • 4. Test the hypothesis with a controlled experiment • 5. Collect and record data • 6. Interpret what your data means about your hypothesis 	<ul style="list-style-type: none"> • know the scientific method as a systematic way to solve problems • put the steps of the scientific method in order • use the flow chart of the scientific method • demonstrate use of the scientific method in setting up an experiment. 	<ul style="list-style-type: none"> • demonstrate use of the scientific method in setting up experiments • explain verbally or in writing what happen in each step of the scientific method • reproduce the flow chart • be able to site an example of using the scientific method • 	<ul style="list-style-type: none"> • provide opportunity to practice the scientific method on real problems • integrate the scientific method into lab experiments 	

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