

# Critical & Creative Thinking Choice Board - Fourth Grade 1<sup>st</sup> Qtr.

Directions: Activities can be done with individual students or partners.

<p><b>Questioning</b></p> <p><u>Individual Activity</u></p> <p>If .03 is the answer, what is the question?</p>	<p><b>Fluency, Flexibility, Originality &amp; Elaboration</b></p> <p><u>Individual Activity</u></p> <p>Choose a basic circuit (open/closed or parallel/series). Using SCAMPER (Substitute, Combine, Add, Modify, Put to other use, Eliminate, Rearrange), create a new invention. Draw or construct your new invention and share with the class.</p>	<p><b>PMI</b></p> <p><b>Plus, Minus, Interesting</b></p> <p><u>Individual Activity</u></p> <p>What if we didn't have fractions. How would that change things? What are the Plus, Minus, and Interesting ideas of this? Complete a PMI chart to show your ideas.</p> <table border="1" data-bbox="982 639 1333 741"><tr><td>P</td><td>M</td><td>I</td></tr></table>	P	M	I
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<p><b>Mindmapping</b></p> <p><u>Individual Activity</u></p> <p>Create a mind map to show everything you know about the following terms: conductors, insulators, basic circuits, static electricity, light, motion, electrical energy, electromagnets and magnetism. What title will you put in the center of the map?</p>	<p><b>Visualization</b></p> <p><u>Individual Activity</u></p> <p>Imagine you are in a family of an American Indian tribe when the English Colonists arrive. What is going on in your home? What are you worried about? What will you do?</p>	<p><b>Point of View</b></p> <p><u>Individual Activity</u></p> <p>Write a letter to the American Indians from the point of view of an English Colonist, explaining your reasons for colonization.</p>			
<p><b>Decisions and Outcomes</b></p> <p><u>Individual Activity</u></p> <p>What if English Colonization hadn't happened. How would that change things? Explain your reasoning.</p>	<p><b>Encapsulations</b></p> <p><u>Individual Activity</u></p> <p>Design a stamp for one of the American Indian tribes.</p>	<p><b>Analogies</b></p> <p><u>Individual Activity</u></p> <p>Complete the following analogies.</p> <p>Insulators are like _____ because _____</p> <p>Conductors are like _____ because _____</p> <p style="text-align: right;"><small>~From Karin Coburn, AART</small></p>			