

# Bundling CCSS-Math, NGSS-Science and CCSS-ELA Brainstorming Activity

## Bundling Math, Science and ELA

	CCSS-Math	NGSS –MS-PSI- Matter and its Interactions	
Modeling, Analyzing and Interpreting Data	<p>6.NS.C.5: Understand that positive and negative numbers are used together to describe quantities having opposite directions or values</p> <p>6.RP.A.3: Use ratio and rate reasoning to solve real-world and mathematical problems.</p> <p>8.EE.A.3: Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other.</p> <p>6.SP.B.4: Display numerical data in plots on a number line, including dot plots, histograms, and box plots.</p> <p>6.SP.B.5: Summarize numerical data sets in relation to their context</p>	<ol style="list-style-type: none"> <li>1. Develop models to describe the atomic composition of simple molecules and extended structures.</li> <li>2. Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.</li> <li>3. Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.</li> <li>4. Develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.</li> <li>5. Develop and use a model to describe how the total number of atoms does not change in a chemical reaction and thus mass is conserved.</li> </ol>	Scale, Proportion and Quantity Cause and Effect
	<b>CCSS-ELA</b>		
	<p><b>RST-6-8.1:</b> Cite specific textual evidence to support analysis of science and technical texts.</p> <p><b>RST-6-8.3:</b> Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.</p> <p><b>RST-6-8.7:</b> Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).</p> <p><b>WHST-6-8.7:</b> Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.</p> <p><b>WHST-6-8.8:</b> Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.</p>		