

Readorium Alignment to FOSS Kit: Structure and Properties of Matter

Readorium Books By Standard	Magazine Articles (A) and Science Alive Videos (V) By Standard	Teacher Resource Center Classroom Strategy Lessons (CL) with Articles (A) by Standard
<p>NGSS: 6-8-PS1.A. Matter and Its Interactions: Structure and Properties of matter: Substances are made from different types of atoms, which combine with one another in various ways. Atoms form molecules that range in size from two to thousands of atoms. (MS-PS1-1)</p> <p>Each pure substance has characteristic physical and chemical properties (for any bulk quantity under given conditions) that can be used to identify it. (MS-PS1-2), (MS-PS1-3)</p> <p>Solids may be formed from molecules, or they may be extended structures with repeating subunits (e.g., crystals). (MS-PS1-1)</p>		
<ul style="list-style-type: none"> • Chemical and Physical Properties of Matter 1 • Chemical and Physical Properties of Matter 2 • Formation of Volcanoes • Lights Sound Action • Plate Tectonics • Weather • Pollution 	<ul style="list-style-type: none"> • Crime Scene Science(A) • Matter Matters(A) • Splash(A) • The Water Cycle(A) 	<ul style="list-style-type: none"> • Determining Importance (CL-3, A-2 Crystals)
<p>NGSS: 6-8-PS1.B. Matter and Its Interactions: Chemical Reactions: Substances react chemically in characteristic ways. In a chemical process, the atoms that make up the original substances are regrouped into different molecules, and these new substances have different properties from those of the reactants. (MS-PS1-2), (MS-PS1-3), (MS-PS1-5)</p>		
<ul style="list-style-type: none"> • Chemical and Physical Properties of Matter 1 • Chemical and Physical Properties of Matter 2 • The Formation of Volcanoes 	<ul style="list-style-type: none"> • Cafeteria Chemistry: How to Play with Your Food and Astound Your Friends (A) • Crystals (A) • Gold - The Magnificent Metal (A) • Kitchen Chemistry (A) • The Cool World of Chemistry (A) • Excuse me, but burping is natural(A) • The Science of Movie Stunts(A) 	<ul style="list-style-type: none"> • Creating Sensory Images (CL-1, A-2 Kitchen Chemistry) • Determining Importance (CL-3, A-2 Crystals)