

Scope and Sequence

Subject/Title of Unit	Grade	6 Weeks	Estimated Time Frame (# of days)	
Science Matter	Seventh	1 st Six Weeks	3 Weeks	
TEKS/Student Expectations		Examples/Specifications:		
<p>(7)</p> <p>(A) identify and demonstrate everyday examples of chemical phenomena such as rusting and tarnishing of metals and burning of wood;</p> <p>(B) describe physical properties of elements and identify how they are used to position an element on the periodic table; and</p> <p>(C) recognize that compounds are composed of elements.</p>		<p>7 A- discuss the differences between physical and chemical properties and changes, discuss chemical reactions and how to interpret them on paper, understand that physical and chemical reactions occur all the time all around us</p> <p>7 B- students should be able to read a periodic table and understand the numbers that are found on the periodic table</p> <p>7 C- demonstrate how elements bond to form compounds</p>		
Language of Instruction:		Instructional Resources/Textbook Correlations:		
Physical property	Malleable	Covalent bond	Prentice Hall Science Explorer and Guided Reading Workbook Chapter 1-3	
Chemical property	Ductile	Double bond		
Element	Conductor	Polar		
Symbol	Corrosion	Nonpolar		
Compound formula	Alloy	Mineral		
mixture	Nonmetal	Suspension		
Physical change	Diatomic molecule	Solution		
Chemical change	Noble gas	Solvent		
Chemical equation	Metalloid	Solute		
Reactant	Semiconductor	Solubility		
Product	Valence electron	Acid		
Atom molecule	Electron diagram	Indicator		
chemical bond	Ion	Base		
Atomic mass	Ionic bond	pH scale		
Atomic number	Crystal	acid rain		
Digestion	Salt	neutralization		
Mechanical digestion	Chemical digestion	enzyme		
Evaluation/External Assessment/Local Assessment:		Best Instruction Timeline:		

Weblinks/Other Resources:

<p>Teacher Test Quiz on Digestion Students need to model how bonds are formed</p>	<p>5 days- Properties of Matter-physical and chemical changes 4 days- How Compounds are Formed 1 day- Crystals and how they form 3 days- Solutions-Acids and Bases 2 days- Digestion and pH</p>
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