

Learning Tracker

Properties Unit

F = Formative

S = Summative

Distinguish between physical and chemical changes, noting that mass is conserved during any change			
Assignment	Learning Target	Type	Grade
Note-taking WS	I can identify the relationship between atomic structure and the arrangement of the periodic table and develop an introductory understanding of chemical equations.	F	
Popcorn Demo	I can identify similarities between the water cycle and popping popcorn based on states (phases) of matter	S	
Station Activity Skill Builder	I can identify physical and chemical properties at 6 stations.	S/F	
Bubbles Demo	I can identify physical and chemical properties demonstrated by soap bubbles filled with flammable gas	S	
Reinforcement WS Packet	I can identify the relationship between atomic structure and the arrangement of the periodic table and develop an introductory understanding of chemical equations.	F	
Viscosity Lab Skill Builder	I can collect specific evidence of how heat influences matter	S/F	
DVD: Changes In Properties of Matter	I can identify the criteria used to identify changes in properties of matter	F	
Flame on a Lazy Susan Demo	I can use the Law of Conservation of Mass to interpret chemical reaction equations	S	
DVD: The Periodic Table Note-Taking	I can identify the basic rationale for the arrangement of the periodic table	F	
Properties of Na Skill Builder	I can identify physical and chemical properties of sodium (Na)	S/F	
Al + NaOH (aq) Skill Builder	I can use conservation of mass and the properties of matter to determine products of a reaction	S/F	
Vacuum Pump Demo	I can identify how pressure and temperature influence states of matter	S	
Decomposition of H ₂ O ₂ Skill Builder	I can use conservation of mass to identify the products of a reaction	S/F	
Mg Demo	I can identify characteristics of an element which are consistent with its position on the Periodic Table	S	
Dragon Breath	I can determine the conditions necessary for a combustion reaction	S	
Filling the Balloon Demo	I can distinguish between chemical and physical change in a system	S	
Unit Test	I can distinguish between physical and chemical changes, noting that mass is conserved during any change	S	
Unit Lab Test	I can distinguish between physical and chemical changes, noting that mass is conserved during any change	S	