

Physical Science Course 1 – Lesson 1.2 Atoms Proficiency Sheet

Lessons	Topics	Learning Target	Activities	Score/%	Date Passed
Lab Safety	a. Atomic Structure	I can develop and use a model to compare and contrast the properties of protons, neutrons, and electrons in an atom.			
			Atomic structure video notes		
			Atomic structure interactive activity		
			Atomic structure review activity (extended learning)		
			Atomic basics review activity		
			Build an atom Phet lab (extended learning)		
			Gizmos atomic structure lab		
			Atomic structure quiz (fsicourses.net)		
	b. Ions	I can create models of ions and demonstrate how they affect the chemical properties and bonding of atoms.			
			Ions video notes		
			Ions interactive activity		
			Ionic bonds gizmos lab (extended learning)		
			Sticky balloons ions lab		
			Ions quiz (fsicourses.net)		
	c. Isotopes	I can develop and use models to compare and contrast the			

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		structure of atoms, ions, and isotopes.			
			Isotopes video notes		
			Isotopes cloze read interactive activity		
			Isotopes challenge activity		
			Atomic structure, Ions, & Isotopes beads lab (extended learning)		
			Isotopes quiz (fsicourses.net)		

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