

5th Grade Science Course 3 – Chemical & Physical Changes Proficiency Sheet

Lessons	Topics	Learning Target	Activities	Score/%	Date taken
Pretest			5 th Grade Science Course 3 Pretest: Chemical & Physical Changes		
Lesson 3.1 Chemical & Physical Changes	a. What are the differences between chemical & physical changes	I can describe and explain the differences between a chemical and physical change.	1. Chemical vs. Physical Changes Pretest (fsicourses.net)		
			2. Chemical vs. Physical Changes Video Notes (liveworksheets.com)		
			3. Chemical vs. Physical Changes Interactive (liveworksheets.com)		
			4. Chemical vs. Physical Changes Gallery Walk (Print out)		
			5. Chemical vs. Physical Changes 1-Pager (Print out)		
			6. Chemical vs. Physical Changes Pretest (fsicourses.net)		
	b. Exploring physical changes	I can plan and carry out investigations to support a claim that the physical changes in the state of water are due to temperature changes.	1. Physical Changes Phases of Water Pretest (fsicourses.net)		
			2. Phase Changes video notes (liveworksheets.com)		
			3. Physical Changes of Water Demonstration (Print out)		

			4. Phase Change Lab (Print out)		
			5. Physical Changes Phases of Water Post test (fsicourses.net)		
	c. Exploring physical changes through experimentation	I can plan and carry out investigations of physical changes by manipulating, separating, and mixing dry and liquid materials.	1. Physical Changes through Experimentation Pretest (fsicourses.net)		
			2. Physical Changes Stations Lab (Print out)		
			3. Physical Changes through Experimentation Post test (fsicourses.net)		
	d. Exploring Chemical Changes through Experimentation	I can carry out an investigation to determine if a chemical change occurred based on observable evidence (color change, gas, temperature change, odor, new substance produced).	1. Chemical Changes through Experimentation Pretest (fsicourses.net)		
			2. Chemical Reactions Lab – Elephant Toothpaste Lab (fsicourses.net)		
			3. Chemical Reactions Pancake Lab (fsicourses.net)		
			4. Chemical Changes through Experimentation Post test (fsicourses.net)		
			5 th Grade Science Course 3 Post test: Chemical & Physical Changes		