

Physical Science Unit Review

Use the word bank to answer the review questions. As you use a word from the bank, color the space to the left of each question with the corresponding color from the bank.

You will use these colors for the color by number picture on the back of this page.

USE YOUR NOTEBOOK FOR HELP ANSWERING THE QUESTIONS!

Black	Green	Purple	Orange	Yellow	Blue
exothermic	elements	yields	change	atomic mass	products
atomic number	phase change	symbol	endothermic	synthetic	burning
digestion	reaction	renewable	deposition	sublimation	non-renewable
condensation	conservation of mass	natural resource	mixture	reactants	property
			pH		

Color	Question	Answer
	1. The periodic table shows these.	
	2. This number is the same as the number of protons and electrons.	
	3. To find the number of neutrons you subtract the atomic mass from this number.	
	4. One or two letters that represent the element name.	
	5. Physical and Chemical characteristics of a substance that are used to describe the substance.	
	6. A chemical property that tells how acidic or basic a substance is.	
	7. Heat, light and/or sound are the results of a chemical _____.	
	8. Can be chemical or physical. If chemical: a new substance is formed, if physical: no new substance is formed.	
	9. Temperature remains constant & heat energy changes during this.	
	10. When two substances are combined but can be easily separated.	
	11. A chemical change that produces ash as a new substance.	
	12. The chemical change that occurs as we eat food.	
	13. These substances occur naturally in the environment.	
	14. Man made or artificial materials that do not occur naturally.	
	15. Resources that can be replenished naturally like water, plants and animals.	
	16. Resources that cannot be replenished naturally like oil and coal.	
	17. The phase change from a solid to a gas.	
	18. The phase change from a gas to a solid.	
	19. The phase change from a gas to a liquid.	
	20. Type of reaction where energy exits the system.	
	21. Energy is absorbed in order for this type of reaction to occur.	
	22. The substances that are formed by a chemical reaction.	
	23. The substances that are present before a chemical reaction occurs.	
	24. Shown by an arrow in a chemical formula, another word for equals.	
	25. A balanced equation shows the law that says mass cannot be created or destroyed.	