



Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Chemical Change

Instruction. Circle the letter of the correct answer.

- Which is NOT true about chemical change?
 - Materials that undergo chemical change have a composition that is totally different from their original.
 - A chemical change is a change of phase that can go back to its original state.
 - A chemical change involves the production of a new substance.
 - For a chemical change to occur, heat and oxygen are needed.
- Which of the following examples does NOT involve a chemical change?
 - decaying of wood
 - rusting of hammer
 - smashing a potato
 - tarnishing of silver
- Which of the following indicates that a chemical reaction has occurred?
 - change in form, size, and shape
 - production of heat and light
 - change in appearance
 - change in phase
- Which shows a chemical change in matter?
 - cracking a peppercorn
 - sharpening of a pencil
 - burning of leaves
 - twisting a rod
- Grass fire may cause an alarm as it can destroy nearby properties if not managed. Which of the following contributes to grass fire?
 - change in the amount of grass
 - absence of heat and oxygen
 - presence of heat and oxygen
 - change in grass color
- Which of the following does NOT describe a chemical change?
 - A material that undergoes chemical change changes its identity and composition.
 - A chemical change involves the production of a new substance.
 - Heat and oxygen contribute to a chemical change to occur.
 - A chemical change always involves a change of phase.
- In which of the following instances is chemical change NOT evident?
 - melting of ice cream
 - tarnishing of a spoon
 - decaying of wastes
 - rusting of iron
- Which of the following is NOT an evidence that a chemical reaction has occurred?
 - change in composition
 - change in color
 - change in form
 - change in odor
- Which change in matter involves heat?
 - cracking a peppercorn
 - sharpening of a pencil
 - burning of leaves
 - twisting a rod
- Air pollution is produced due to the combustion of fossil fuels. What factor mostly affects combustion?
 - presence of heat and oxygen
 - absence of heat and oxygen
 - change in the amount of air
 - presence of precipitation