Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

CHANGES IN MATTER

Physical Change

* a change in one or more of matter’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  + Examples: \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or state of matter
  + the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the element or compound—does \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Examples: Melting, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Freezing, Slicing, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Glass Breaking

Chemical Change

* When matter \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ into an entirely \_\_\_\_\_\_\_\_\_\_\_\_\_\_ substance with different chemical properties.
* change of \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to another (makes something new)
  + <https://youtu.be/BqeWpywDuiY>

Signs of Chemical Change

* Color Change
* \_\_\_\_\_\_\_\_\_\_\_\_\_/Odor
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Bubbles
* Precipitate
* any new physical properties that were not present before

Reversing Chemical Changes

* Because chemical changes produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_substances, they often cannot be undone.
  + Example: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Some can be reversed
  + Example: remove \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from pennies with vinegar

Conservation of Mass

* **Law of conservation of mass** – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Example: \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* <https://www.brainpop.com/science/matterandchemistry/conservationofmass/>

