

## Comparing Changes in Matter

Physical Changes	Chemical Changes
 <p data-bbox="571 553 1045 667">Grinding up a sugar cube does not change the kind of matter. Tiny pieces of sugar are still sugar.</p>	 <p data-bbox="1089 553 1528 667">Caramel is burned sugar. Heat changes some of the sugar particles into carbon and water.</p>
 <p data-bbox="571 932 1045 1045">Folding paper does not break chemical bonds. No new bonds are formed. Folded paper is still paper.</p>	 <p data-bbox="1089 932 1570 1045">When paper is burned, carbon in the paper combines with oxygen to form ash and carbon dioxide gas.</p>
 <p data-bbox="571 1300 1045 1414">Copper can be bent easily. Bending a copper tube does not break bonds. Copper is still copper.</p>	 <p data-bbox="1089 1300 1549 1414">When copper is exposed to moist air, it reacts with gases in the air to form a green coating.</p>