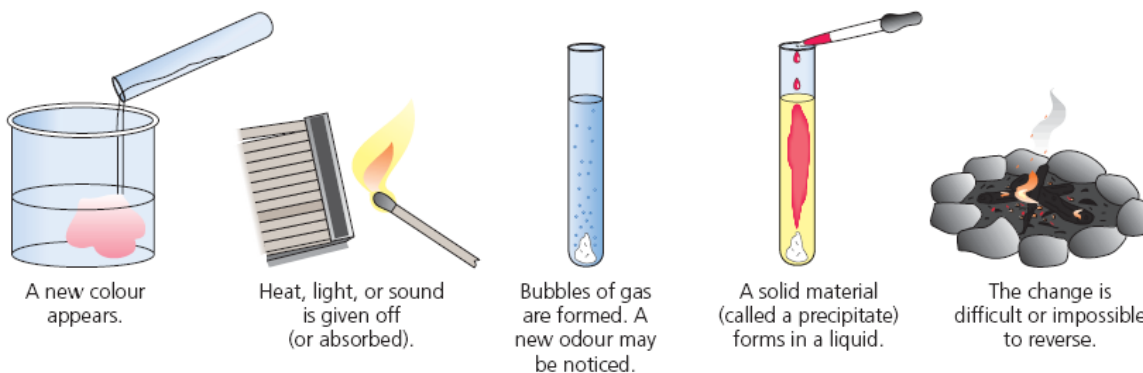


# Physical and Chemical Changes - Notes

- **Matter:** anything that has a mass and a volume.
- **Atoms:** the building blocks of matter.
- **Molecule:** two or more atoms that are joined together chemically.
- **Physical Change:** does not produce a new substance – molecules are the same
- **Chemical Change:** produces a new substance – molecules change



**Figure 3**  
Evidence of a chemical change

Watch the BrainPOP movie on “Property Changes” and answer below:

**Physical Change:** When matter changes \_\_\_\_\_, \_\_\_\_\_,  
or \_\_\_\_\_.

**Examples:**

1. Breaking Watermelon - Changing from one big piece into \_\_\_\_\_ pieces.
2. Ice Cream Melting - Changing from one \_\_\_\_\_ of matter to another.
3. Patio cracking – is an example of \_\_\_\_\_.
4. Breaking food into small pieces with your \_\_\_\_\_.

**Chemical Change:** the substances that make up an object have been \_\_\_\_\_ into  
other \_\_\_\_\_.

**Examples:**

1. Rusty car – Metal and \_\_\_\_\_ react to form rust.
2. Sodium metal and Chlorine gas react to form \_\_\_\_\_.
3. Digesting food – food is broken down by \_\_\_\_\_.