

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

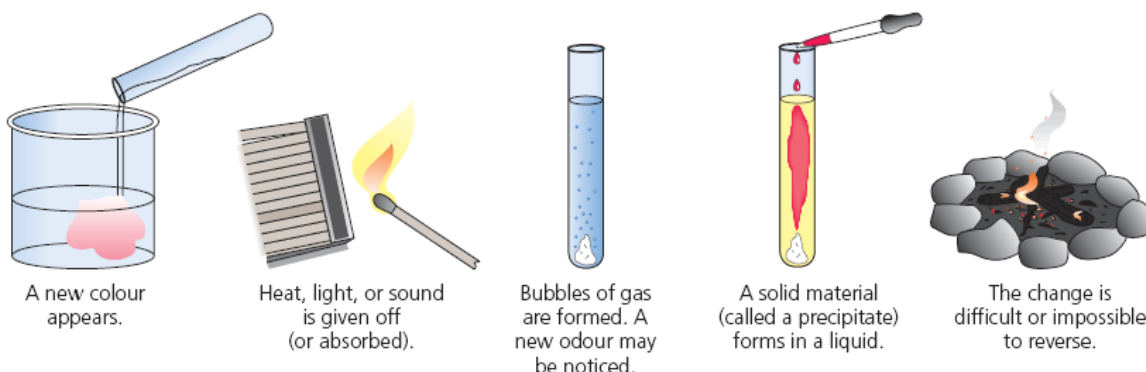


Figure 3
Evidence of a chemical change

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 _____.