

STUDY GUIDE

Student Outcomes:



1. Define **matter**.
2. Know the 3 states of matter (**solid, liquid, gas**). Be able to distinguish between each state in terms of **particles, volume** and **shape**. Be able to illustrate by drawing.
3. Know what a **Fair Test** is. Be able to tell whether or not an experiment is a fair test.
4. Know the 6 Properties of Matter: **Texture, Hardness, Strength, Flexibility, Solubility, and Buoyancy**.
5. Show understanding of **solutions** and what can affect the rate at which something **dissolves**. Terms: **Solution, Solute, Solvent**.
6. Know what a **Physical Change** is. List examples.
7. Know what a **Chemical Change** is. List examples.
8. Give two things that show that a change is chemical.
9. Know the difference between a **Reversible Change** and a **Non-Reversible Change**. Give example of each.