

Matter Study Guide

Test will be on: _____



- Everything that takes up space and has mass is **matter**.
- The states of matter are: **solids, liquids and gases**.
- **Solid** is the only form of matter that has a shape of its own.
- **Liquid** is a form of matter that does not have its own shape.
- **Gas** is a form of matter that fills up all the space inside a container.
- **Mass** is the amount of matter an object has.
- **Properties of matter** are the things about an object that can be observed, such as its size, color, shape or sound.
- **Volume** is the measure of space a liquid takes up.
- A **centimeter** is a unit used to measure length of a **solid**.
- A **milliliter** is a unit used to measure the volume of a **liquid**.
- Some matter, like water, can change from one state to another.
- **Water can be a solid, liquid or gas**.
- Adding heat to a solid causes **melting**.
- Exposure to extreme cold causes **freezing**.
- Be able to label the different stages of the water cycle:
 - **Evaporation** - the sun heats up the water and turns it into water vapor.
 - **Condensation** - the water vapor gets cold, changes back into liquid and forms clouds.
 - **Precipitation** - water falls from the sky as rain, hail, snow or sleet.

*Be prepared to identify a solid and describe its properties.