

3:12a States of Matter

Matter is the material or substance that all things are made of.

Matter can be in 3 forms called “states of matter”:

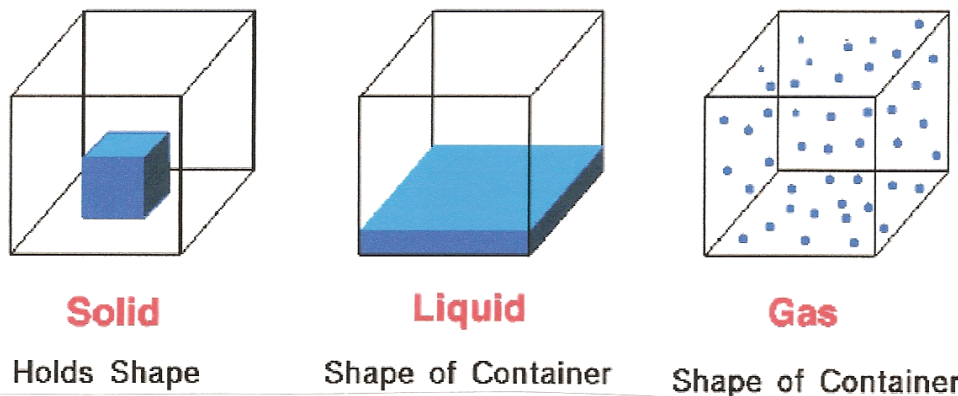


Figure 58

www.grc.nasa.gov/WW/K-12/airplane/state.html

Copy each of the diagrams above into your notebook.

A solid is something that keeps its shape:

Draw another example of a solid you can see in your classroom and label it.

A liquid has no definite shape and takes the shape of the container it is in.

Think of another example of a liquid in a container to draw and label.

3:12b States of Matter

A gas takes the shape and space of the container it is in:

What are some things you have seen that are filled with a gas? Choose one to draw and label.

When the temperature of a material or substance changes the state of matter changes. Can you think of a solid material that changes to a liquid when its temperature changes?