


What's the **MATTER?**

What is matter?

Suppose your class takes a field trip to a museum. During the course of the day you see mammoth bones, sparkling crystals, hot-air balloons, and an astronaut's space suit. All of these things are matter.

As you will see, **matter** is anything that has mass and takes up space. Your body is matter. The air that you breathe and the water that you drink are also matter. Matter makes up the materials around you.

However, not everything is matter. Light and sound, for example, are not matter. Light does not take up space or have mass in the same way that a table does. Although air is matter, a sound traveling through air is not.

 **Active Reading** 5 **Explain** How can you tell if something is matter?



Visualize It!

6 Identify Name three examples of matter found in this photo.
