

Vocabulary: Density



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- Density – the amount of matter in a certain space.
 - Density is usually measured in grams per milliliter (g/mL).
- Mass – the amount of matter in an object.
 - Gases, liquids, and solids all have measurable mass.
 - Misconception alert: Mass is similar to weight but it is not exactly the same. Your weight depends on the gravity of the planet you are on. If you went to the Moon, your *mass* (amount of matter that makes you up) would be the same, but your *weight* would be much less than on Earth.
- Matter – something that occupies space and has mass.
 - Matter can be a solid, a liquid, or a gas.
- Volume – the amount of space an object occupies or takes up.