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What is Matter?

Matter is anything that has mass

and takes up space.



Mass and Weight: Are They Different?

Mass vs. Weight	
Mass	Weight
 The amount of matter in a object. Mass is measured in kilograms You can measure mass on a Equal Pan Scale Your mass will always stay the same on the moon and on Earth 	 The force of gravity between Earth and a object Weight in measured in newtons You can measure weight on a scale Your mass will be different on the moon than on earth.



Density effects buoyancy because if something has a certain a mount of mass it will sink or float. If Mass increases in Density the object will sink. If volume increases the mass gets smaller. Have you ever dropped a bar of soap or a towel in your bathtub ,well density makes your towel float and your soap will sink. In buoyancy pressure pushes in all directions.

Conductor or Insulator?

A conductor lets energy flow through easily.



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A insulator does not allow energy to flow easily.



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Careers

Astronauts Scientists Shipmaker

> Conductors and Insulators



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Gardner, Robert. "Floating and Buoyancy." The New Book of Knowledge. Grolier Online, 2015. Web. 18 Dec. 2015.

Daniel, L., Hackett, J., Moyer, R., & Vasquez, J. (2006) Science. New

York: Macmillan/McGraw-Hill.