

# Atoms

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A

# Density

Density is the amount of atoms in an object.

# AD

# Diffusion

Diffusion is the movement of atoms from high concentration to low concentration.

ADD.

Conservation  
Of Matter

Matter cannot be created or destroyed, only changed.

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# Focus Question: Water

How does a glass of water evaporate if it does not reach its boiling point?

Use the words - atoms, density, diffusion, and conservation of matter in your answer

# Focus Question: Bacon

What causes the odor from the bacon from reaching the back of the classroom?

Use the words - atoms, density, diffusion, and conservation of matter in your answer

# Focus Question: Pancakes

If heat causes molecules to speed up, then why is a solid formed when the pancake batter is heated?

Use the words - atoms, density, diffusion, and conservation of matter in your answer



# Focus Question: Juice

Your task is to recreate the demo as shown. You must not use more than 3 drops of any reagent (other than water.)

If you need to redo your procedure, wash your cups with regular water and then with distilled water.