

MARIE - CREATOR OF THE HOMESCHOOL DAILY

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Maríe



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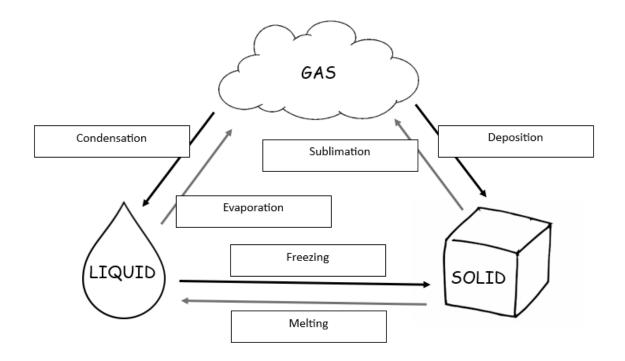
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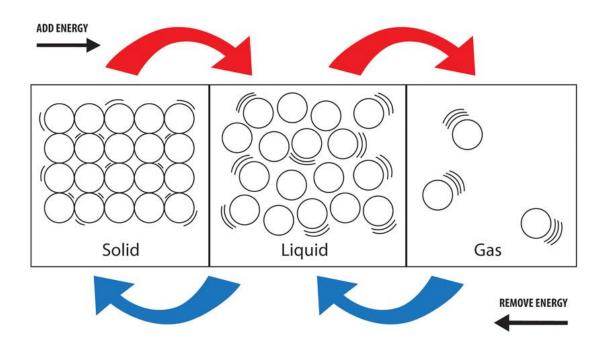
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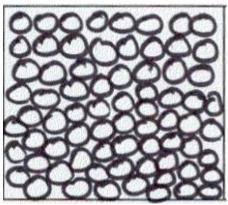
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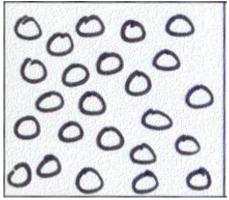






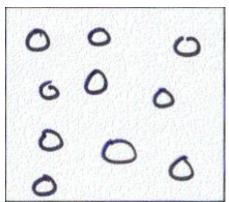
- Has a fixed shape
- Has a fixed volume
- You can hold it
- Atoms are arranged in a tight, regular pattern
- Atoms move very little
- Least amount of energy
- When water freezes it expands, which means its volume increases





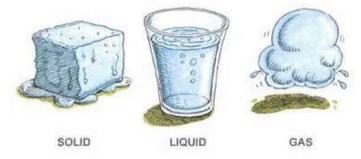
- It takes the shape of a container
- Has a fixed volume
- You can pour it
- Atoms are fairly close, but not in a neat arrangement
- Atoms can easily slip past each other and move
- More energy than a solid, less than a gas
- It is incompressible, which means it can not be stretched

## GAS



- It spreads out unless in container
- Has no fixed volume
- It's everywhere
- Also called Vapor
- The atoms also have large spaces between them in comparison to solids and liquids
- Atoms move rapidly
- Has the most energy
- It is compressible, which means it can change size based on pressure

## 3 Main States of Matter



Matter

- Has mass
- Occupies space or has volume
- Everything around you is matter
- Water is the only form of matter that can change into 3 different forms: solid, liquid, & gas