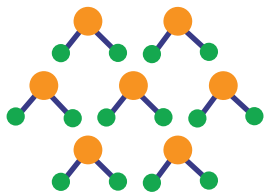


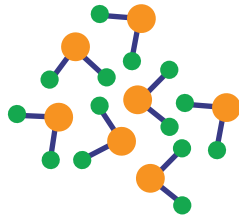
# Why does ice float?

Even though ice is the solid form of water, it actually has a lower density than its liquid counterpart.

When water freezes, its molecules actually spread out a bit and organize themselves into crystal arrangements. Water molecules, on the other hand, have tightly packed molecules. So when you put an ice cube into a glass of water, the ice cannot sink to the bottom of the glass because the molecules in the water are too dense.



ice molecules



cold water molecules

## ACTIVITY:

Try your own experiment. You know that ice cubes float in water, but what about other liquids? Record your findings here.

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