

Matter:

Solid

Liquid

Gas

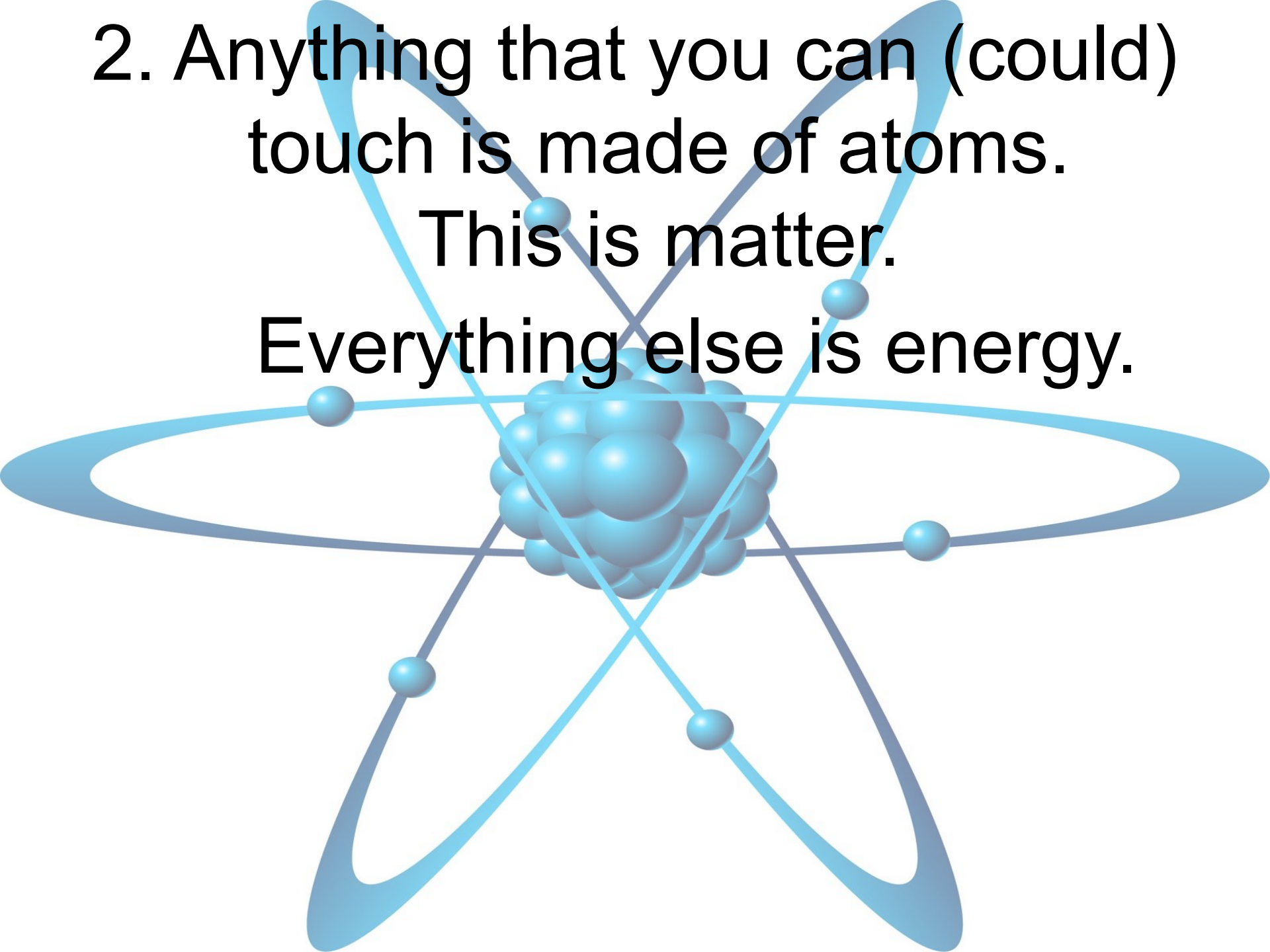
1. Everything in the universe is either matter or energy.



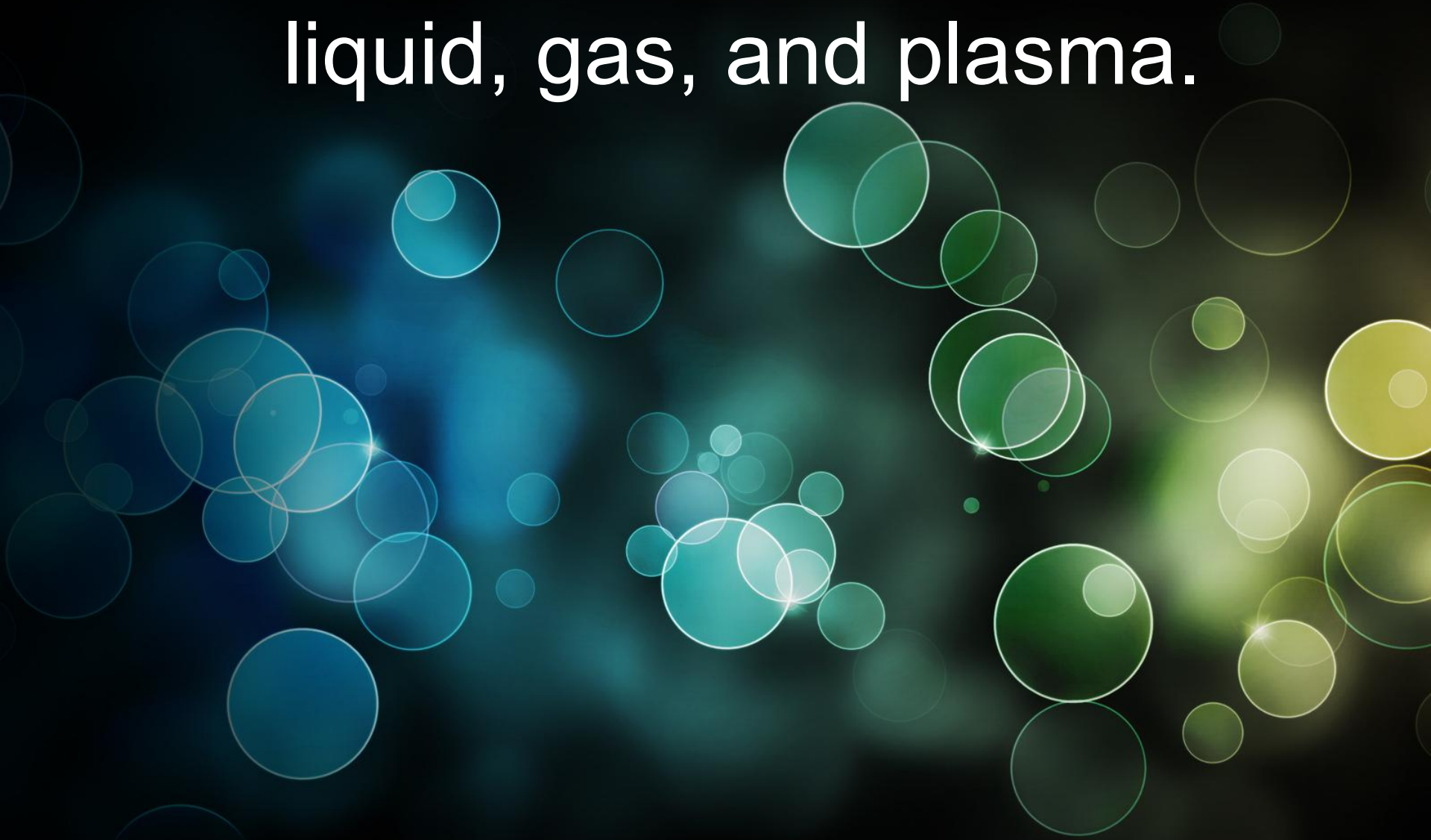
2. Anything that you can (could) touch is made of atoms.

This is matter.

Everything else is energy.



3. Matter exists in four states: solid, liquid, gas, and plasma.



4. Solids have a definite shape and volume of their own.



5. 2 types of solids:

crystalline [atoms in a regular pattern]

and

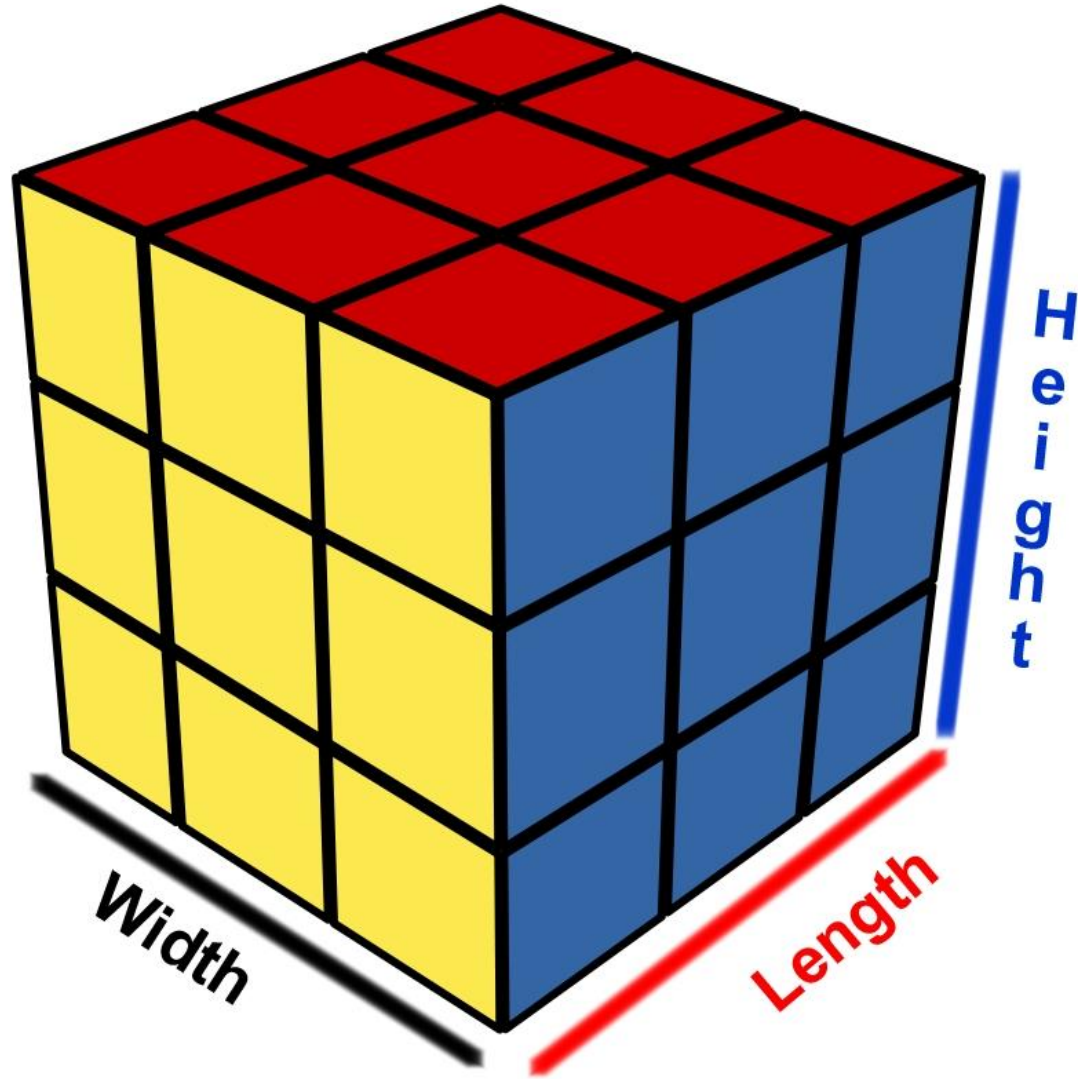
amorphous [atoms NOT in a pattern].



6. Liquids have a definite volume, but their shape can change.

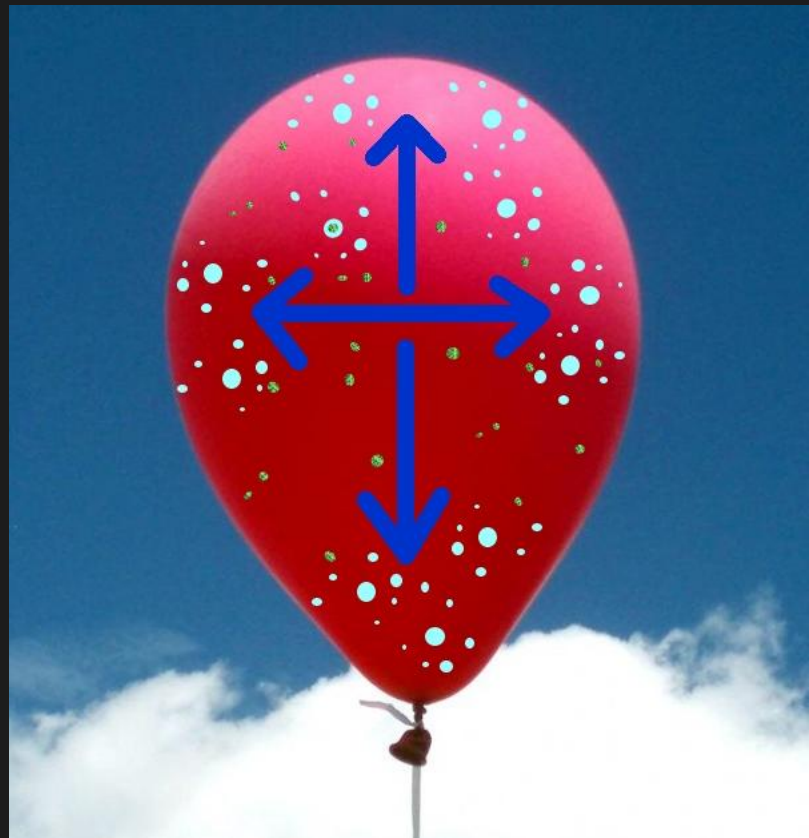


7. Volume = length x width x height



1. Gases change
both shape and
volume.

2. **Pressure:** The force exerted on an area. e.g. Inflated balloon: The internal pressure pushes the sides outward.



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