

# States of Matter Diagrams

You will be making a 4 page book using the info from pages 66-69 in your book. Follow the template below & and on the following pages.

- **SOLIDS**

Definition:

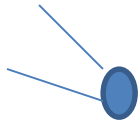
Particles : (describe their spacing and movement/speed)

Volume: (explain the volume of solids)

Shape: (Explain the shape of solids)

Draw your picture here. Be sure to add any “motion” marks to indicate the motion of the particles. Small marks are for little /slower movement, longer marks are for more/faster movement.

Example:



- **LIQUIDS**

Definition:

Particles : (describe their spacing and movement/speed)

Volume: (explain the volume of liquids)

Shape: (Explain the shape of liquids)

Draw your picture here. Be sure to add any “motion” marks to indicate the motion of the particles. Small marks are for little /slower movement, longer marks are for more/faster movement.

***Make sure these diagrams are your best work, and colored.  
You will be using them in your proposal.***

- **GASES**

Definition:

Particles : (describe their spacing and movement/speed)

Volume: (explain the volume of gases)

Shape: (Explain the shape of gases)

Draw your picture here. Be sure to add any “motion” marks to indicate the motion of the particles. Small marks are for little /slower movement, longer marks are for more/faster movement.

- **PLASMAS**

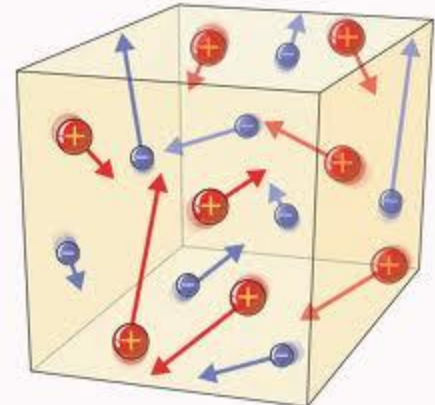
Definition:

Particles : (describe their spacing and movement/speed)

Volume: (explain the volume of plasmas)

Shape: (Explain the shape of plasmas)

Draw your picture here. Be sure to add any “motion” marks to indicate the motion of the particles. Small marks are for little /slower movement, longer marks are for more/faster movement.



Use ice cream as the object in which you diagram the states of matter (from a particle perspective)

