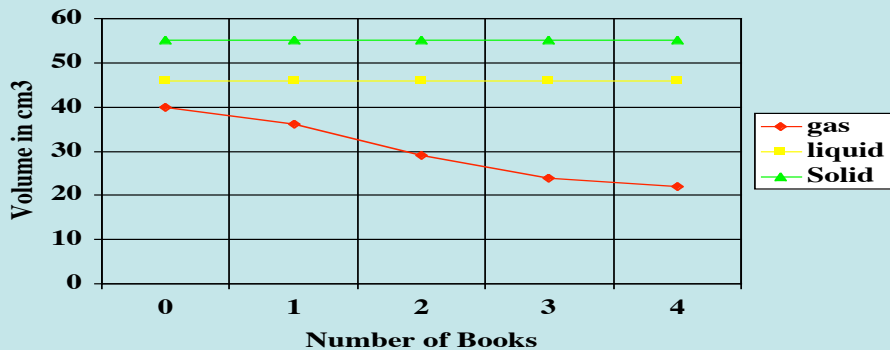


Science Notebook Layout **DON'T COPY UNDERLINED TEXT**

Mrs. Aguirre's Webpage: <http://www.quia.com/profiles/caguirre>

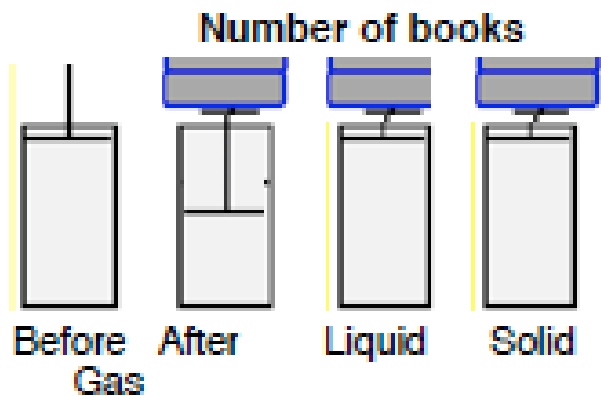


30 Conclusion:

- The gas (**could or could not**) be compressed more because.....
- The liquid (**could or could not**) be compressed more because.....
- The solid (**could or could not**) be compressed more because.....

Conclusion:

The most surprising conclusion from this experiment was... **Look at your hypothesis!**



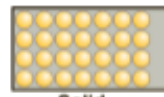
23 Squ eeeee zing molecules

Problem: How does the volume of matter change if pressure is increased?

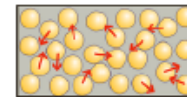
Info we have:

Particle theory of matter

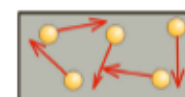
solic



Solid



Liquid



Gas

Hypothesis: Look at your pictures above:

What will happen to the volume of each as books are piled on (give % eg 100%, 0%, 50%, ? Give a reason for each.

Gas (air): The volume will be ____ % because ____

Liquid (water): The volume will be ____ % because ____

Solid (ice): The volume will be ____ % because ____

Pressure (Number of Books)	Gas Volume (cm³)	Liquid volume	Solid Volume
0	One		
1	notebook		
2	line		
3	For each		
4	line		

Picture

Draw the syringes with 4 books.

Include numbers to show volumes with 4 books for solid, liquid, and gas. Draw in molecules.

