

Matter Unit Topic 2 Study Guide

Use this as a reference guide on what to study for your assessment on Topic 2.

If you know all of these answers, you should be good to go for your assessment!

1. What is the movement for the molecules in each of the three main states of matter?
2. Describe if each of the three main states of matter has a definite volume and/or shape.
3. What is Boyle's Law and what type of relationship does its graph have?
4. What is Charles's Law and what type of relationship does its graph have?
5. How are Boyle's Law and Charles's Law similar and how are they different?
6. What is surface tension and how can it be useful?
7. What is viscosity and what does it mean if a substance has a high or low viscosity?
8. What is vaporization and how does it change the state of matter for a substance?
9. What is boiling point and how does it change the state of matter for a substance?
10. What is freezing point and how does it change the state of matter for a substance?
11. What is evaporation and how does it change the state of matter for a substance?
12. What is condensation and how does it change the state of matter for a substance?
13. What is sublimation and how does it change the state of matter for a substance?
14. Increasing the temperature (or thermal energy) of a substance does what to that substance? Decreasing the temperature (or thermal energy) does what instead?
15. Using the picture below, describe the movement of molecules for each state of matter.

