

Structure and Properties of Matter Assessment Study Guide

1. List 10 examples of matter:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____

2. What causes matter to change states? _____

3. What is a liquid? (explain and illustrate how the particles in a liquid are arranged)



4. What is a solid? (explain and illustrate how the particles in a solid are arranged)



5. What is a gas? (explain and illustrate how the particles in a gas are arranged)

6. What does the **Law of the Conservation of Mass** tell us about matter when it changes physically or chemically?

7. List 4 properties of sugar?

- a. _____
- b. _____
- c. _____
- d. _____

8. Explain the difference between a physical change and a chemical change?

9. List 5 properties of a chemical reaction? (use your science textbook pgs. 544-547)

- _____
- _____
- _____
- _____
- _____

10. What stays the same when matter changes (hint: conservation of mass)?
