

**Matter Study Guide****Part 1: Match the scientific tools with the correct definition:**

1. _____ Matter	a. A type of matter that spreads to fill the space that it is in.
2. _____ Texture	b. how much water something can hold
3. _____ Absorbency	c. anything that has a mass and takes up space
4. _____ Flexibility	d. A type of matter that takes the shape of its container.
5. _____ Solid	e. how an object feels
6. _____ Liquid	f. A type of matter that has its own shape and size.
7. _____ Gas	g. This is created when two or more types of matter are put together.
8. _____ Mixture	h. A change in matter that can be taken back to its original state.
9. _____ Reversible Change	i. A change in matter that <b>can not</b> be taken back to its original state.
10. _____ Irreversible Change	j. The ability of something to bend.

**Part 2: Fill in the blank with the correct answers from the word bank.**

solid	liquid	gas	mixture	dissolve	properties
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9. In a \_\_\_\_\_, the molecules are very spread apart and move very quickly.
10. When you \_\_\_\_\_ matter, you completely mix it with water to make a new type of matter. (Hint...think about Kool Aid!)
11. The molecules of a \_\_\_\_\_ are packed closely together.
12. When you describe the characteristics of matter, like its color, size, shape, texture, you describe its \_\_\_\_\_.
13. The molecules of a \_\_\_\_\_ are spread apart and can move easily.
14. Chex mix is an example of a \_\_\_\_\_ because it contains different types of matter!

\*This study guide is a great tool to study with your child. However, it is not meant to be memorized. We expect for students to be familiar and knowledgeable over the content in this study guide. The test will require students to apply these concepts to different problems and situations. Remember that the 2nd grade science website and your student's Google Classroom have many valuable resources to study with as well!



