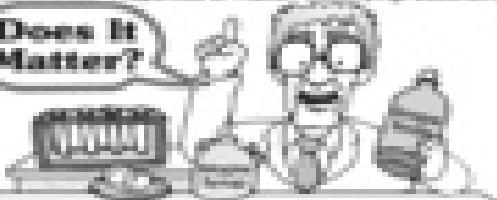


Name _____

Do your skills of observation really matter when it comes to describing and classifying matter? You bet they do! Scientists rely heavily on their senses and reasoning abilities as well. Conduct the following thinking activities as you explore the properties of matter.

Properties of matter: classifying, describing

Does It Matter?



Describing Properties

1. Gather the following materials: ice cubes, samples of M&M® candy, maple syrup, grape seeds, lemon extract.
2. Using your five senses, explore each item.
3. Record your observations in the chart below. Use a simile to describe each item. For example, to describe a feather, you might say "It feels as 'soft as cotton.'

	ice cube	MAPLE SYRUP	maple syrup	grape seeds	lemon extract
Looks like...					
Smells like...					
Tastes like...					
Sounds like...					
Feels like...					

Classifying by Property

1. Read the list of solid objects below. Explore each item in your imagination using your five senses. paper grass desk tree chair lettuce leaf stick beans
2. Next read the five properties listed below. One descriptive category that could be written for the property of color is "as green as an evergreen." Which of the solid objects listed above could you place in this category? You might have said "Grass, lettuce, and leaf." Because they are all green objects. COLOR SIZE SHAPE WEIGHT TEXTURE
3. On the back of this page, write a descriptive category for each of the five properties. Then list objects, from the list above, that would fit under that description.
4. Share and compare your categories with those of your classmates.

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This is a free sample of the book titled "Properties of Matter" for each student in your class. The full 100-page booklet contains 100 word cards, 100 blank cards, and a copy master card. This booklet is designed to complement our Science Curriculum in an effective way.
Please be sure to print on one side only. Therefore, the students can experience the full effects.