

# Matter Magic

What goes in the magic hat never comes out the same!

Read the chart to see how each item changes.

Then write *physical* or *chemical* to tell which type of change took place.

**Remember** that when matter changes the way it looks or feels, it is a **physical change**. When matter changes into a new substance, it is a **chemical change**.

What Goes in the Hat	What Comes Out of the Hat	Type of Change
1. pencil	broken pencil	
2. ice cube	water	
3. wood	ashes	
4. loaf of bread	sliced bread	
5. metal	rust	
6. lemons, water, sugar	lemonade	
7. flour, eggs, yeast	bread	
8. paper	torn paper	
9. fresh apple	rotten apple	
10. baking soda, vinegar	carbon dioxide gas	

**Bonus Box:** On the back of this sheet, illustrate another example of a physical change and a chemical change.





## How To Use Page 43

### “Matter Magic”

Use this activity to reinforce or assess students' understanding of physical and chemical changes. Before having students complete the activity, share with students background information about changes in matter by referring to “Background for the Teacher” on page 40.



### Answer Key



1. physical
2. physical
3. chemical
4. physical
5. chemical
6. physical
7. chemical
8. physical
9. chemical
10. chemical

