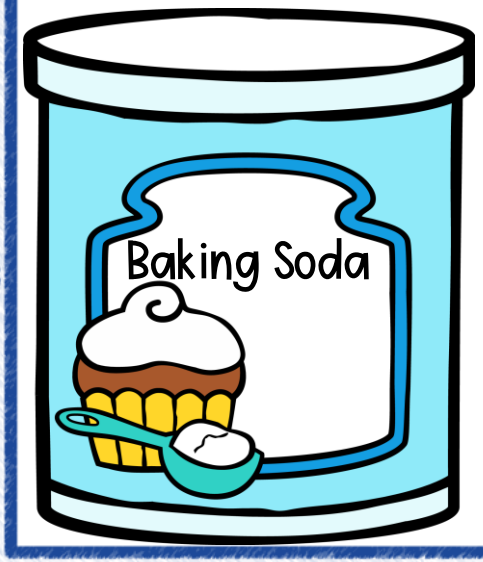
BAKING SODA

Recycling is the process of taking garbage or used materials and converting them into a useful product or material. Many materials can be recycled such as glass, plastic, paper, rubber, tires, metals, electronics and cloth. There are three important steps for recycling to be successful:

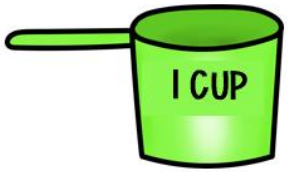
First, recycled items need to be collected.

Second, the recyclables must be sorted based on the materials.

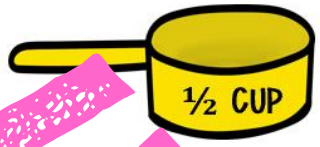
Third, the recycled items must be processed at a recycling plant.



Which of the following can be recycled?



Glass



Plastic



Electronics



All of the above

NEXT CLUE:

The next i[illegible] rhymes with power.
It's white and [illegible] but is not sour.

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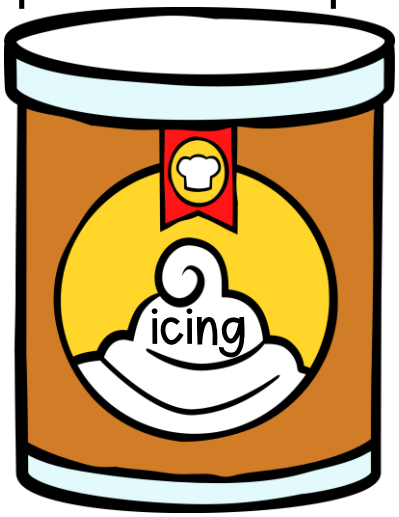
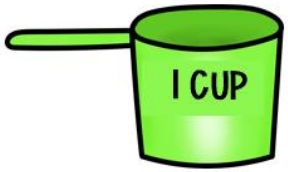
ICING

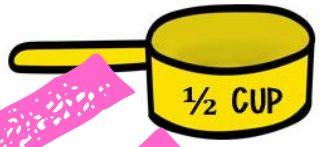
In Rome, Italy, if you do not separate your garbage and recyclables, you could be fined $800. Switzerland has one of the highest recycling rates in the world. One reusable bag can prevent the use of six hundred plastic bags. Using recycled materials to make paper can create 74% less air pollution and 35% less water pollution. One pound of pollution is kept out of the air for every mile a person walks instead of driving a car. The average person tosses out about four pounds of garbage every day.



How much garbage does the average person throw out every day?



2 pounds



4 pounds



6 pounds



8 pounds

NEXT CLUE:

This liquid [illegible] with foil, you use it to [illegible] but not to boil.

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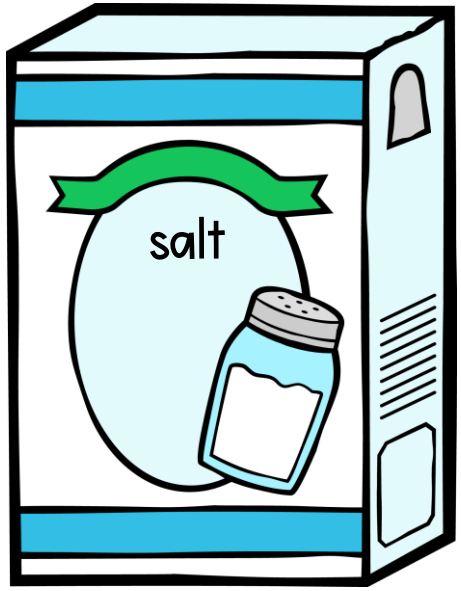
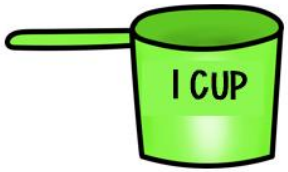
SALT

Once the old paper is taken to the paper mill it is chopped and shredded into little pieces. The tiny paper pieces are then soaked with water. The resulting material is turned into a pulp which is cleaned to remove any ink or glues. Lastly, the old paper is bleached white with some chemicals.

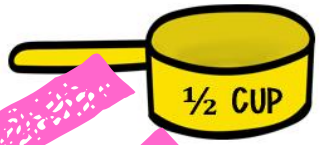


If the world recycled 100 percent of its paper products, approximately 2.5 billion trees would be saved per year!

What is the last step in recycling paper?



Shred paper



Soak with water



Remove inks



Bleached white

NEXT CLUE:

The next ingredient is colorful and bright, they get sprayed on every bite.

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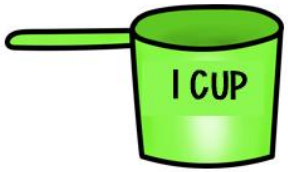
SUGAR

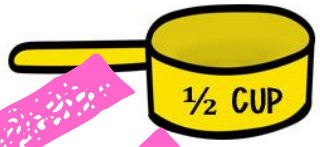
Plastics that can be recycled include water bottles, drink bottles, plastic bags, wrappers, and more. There are many different types of plastics which are made from a different combination of chemicals. All plastics bottles must first be sorted by chemical type. When plastic is recycled it is ground down into flakes. The flakes are then cleaned, melted down and formed into pellets. The pellets can be melted down again to create new plastic or used as a fiber for making clothing or textiles.



What are plastic bottles sorted by?



Weight



Chemical types



Size



Pellet types

NEXT CLUE:

A yummy li[illegible]er is [illegible] the recipe calls for, but be [illegible] not to over pour.

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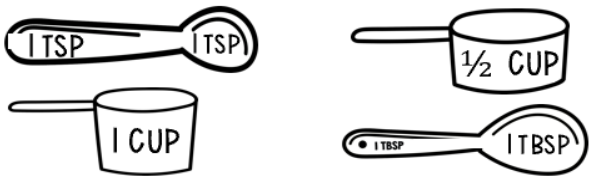
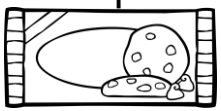
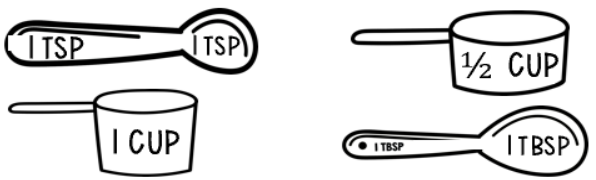
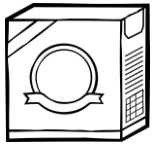
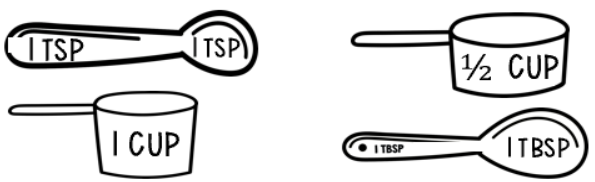
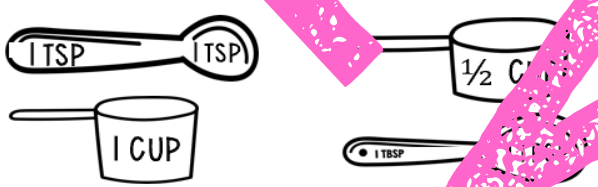
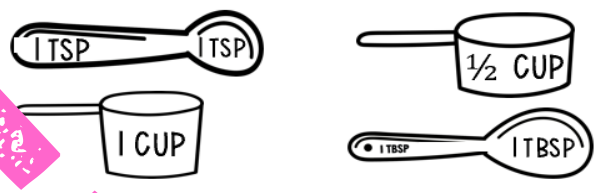
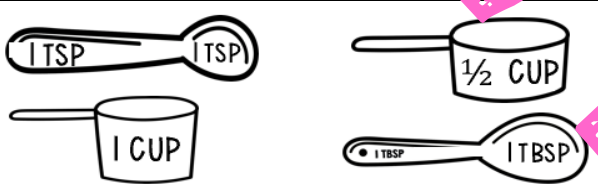
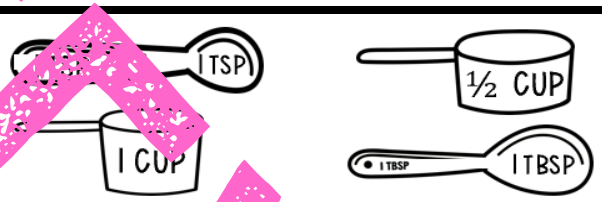
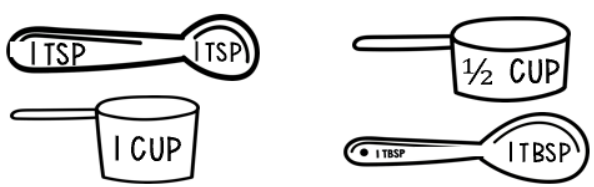
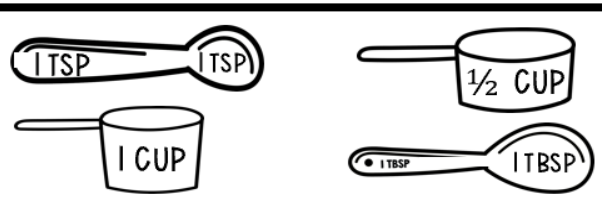
Name:

Icing 		Spice 	
Chocolate Chips 		Cake Mix 	
Baking Soda 		Sugar 	
Oil 		[illegible] 	
Brown Sugar 		[illegible] 	
Sprinkles 		[illegible] 	
Salt 		Eggs 	

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