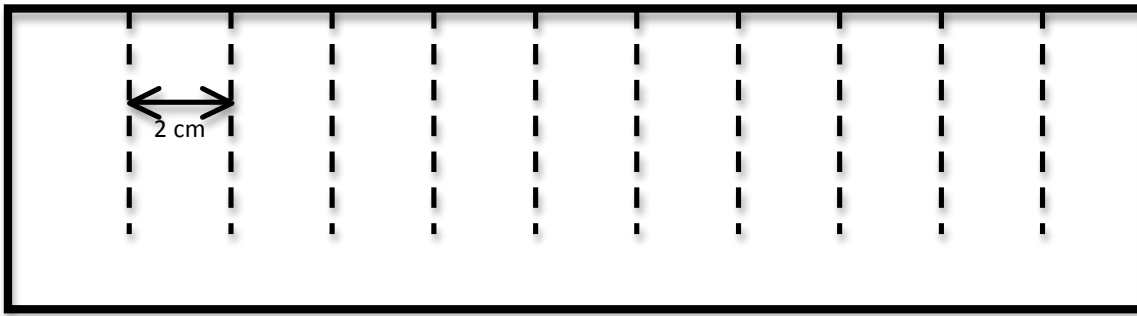


<u>Physical</u>	<u>Don't Know</u>	<u>Chemical</u>
Hammering Wood	Breaking an egg	Burning Leaves
Melting Chocolate	Whipping Cream	Burning Toast
Slicing Bread	Squeezing oranges to make orange juice	Roasting Marshmallows
Freezing Popsicles	Mixing Kool-Aid powder with water	Fireworks exploding
Mowing the lawn	Pouring milk on your cereal	Spoiling food
Water Evaporating	Bleaching your hair	Rusting Bicycle
	Glass Breaking	Popping Corn

Figure 1. Original Sorting of Changes (Pre-assessment)

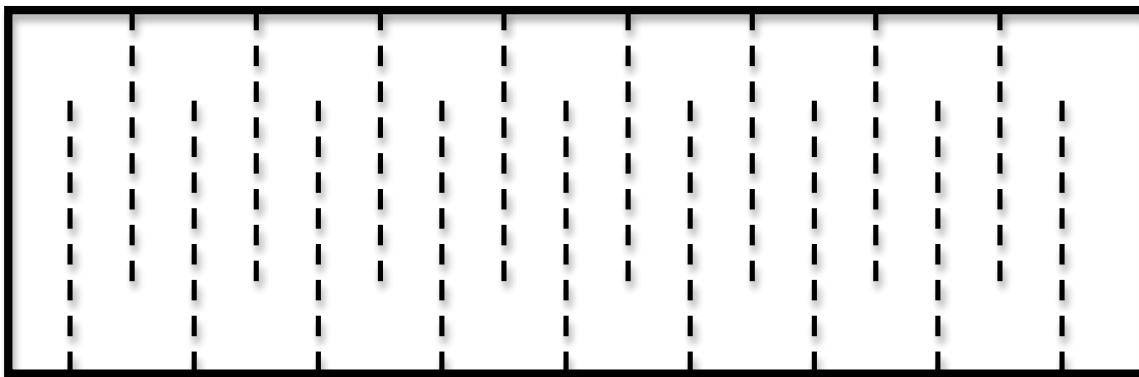
- Fold the paper in half and make a series of straight cuts from the folded side about 2 cm apart. Stop about 1 cm from the opposite edge of the paper.

**FOLD**



- Now make cuts starting from the other side of the paper and ending about 1 cm from the opposite edge of the paper.

**FOLD**



- Next cut through all the folded ends except for the first and last strip at each end of the paper.
- Carefully open the paper and walk through the hole.

Figure 2. Instructions for Paper Cutting Demonstration



Sharped Pencil



Glow Sticks



Melting Ice Cream



Baking Cupcakes



Spoiled Milk



Broken Mirror

Figure 4. Pictures of Changes

Change	Physical?	Chemical?
Cabbage Juice with Vinegar		✓✓✓X✓✓
Cabbage Juice with Baking Soda		✓✓✓X✓✓
Plaster of Paris and Water	X	✓✓✓✓✓
Modeling Clay	✓✓✓X✓✓	
Cut Apples		✓✓✓X✓✓
Alka Seltzer with Water		✓✓✓X✓✓
Salt and water	✓✓	✓✓X✓
Separating Rocks		✓✓✓X✓✓
Sodium Polyacrylate Crystals with water	✓✓✓	✓X✓

Figure 6. Example of Class Checklist of Changes