

Name _____ Date _____ Period _____

States of Matter Cartoon

Objective: To illustrate changes of states

The three states of matter that you will be using are:

solid . . . definite shape and a definite volume

liquid . . no definite shape but has a definite volume

gas no definite shape and no definite volume

Instructions: You will draw a cartoon to illustrate how one state of matter can change to another state of matter. Your cartoon will contain six frames.

Materials: Piece of paper (white copy paper / construction paper / cardboard, piece of lined paper, a pencil, a ruler, colored pencils

Step 1: Looking at the list below, circle a state of matter change that you would like to work with.

- a. solid to liquid
- b. liquid to solid
- c. liquid to gas
- d. gas to liquid

Step 2: Once you decide what states of matter you will be working with, think about a situation where the states of matter change.

Example (solid to liquid): It's a very hot summer day. You walk to the ice cream shop and order a vanilla cone with sprinkles. As you begin to walk home, your ice cream cone begins to melt very quickly, and it is dripping everywhere.

Step 3: Fold a piece of paper long ways and then fold it into three sections. Once you open your paper up, you should have six boxes or frames. If you are using a piece of cardboard, draw six boxes 4 inches by 6 inches.

Step 4: Begin to draw your cartoon one box or frame at a time telling your story.

Step 5: Give your cartoon a title.

Step 6: Use colored pencils to color in your pictures.