

Comet Cones

Student Worksheet

Read the following

Are those beautiful comets in the sky really 'dirty snowballs'? Indeed, the nucleus of the comet is an uneven ball of ice packed with dust and rocks. It becomes beautiful when it whips around the Sun. The ice and frozen gases sublimate, reflecting the Sun's light with shiny sparkles. Although it would be difficult to make a model of an orbiting comet that reflected light, we can make a rather delicious comet model.

Materials

- one scoop of vanilla ice cream
- one recloseable plastic baggie
- one paper baking cup (often used for cupcakes)
- one piece of wax paper, about 12 inches square
- two vanilla wafers
- one chocolate cookie wafer
- one ice cream cone
- one rolling pin
- two spoons

Procedures

Now, that equipment will made you the best comet that you will ever taste! How? Well, that is what you are going to do – your mission is to invent and describe the procedure for making a comet model. The first step is for you to think about it for awhile. Then, write the step by step directions below. If additional space is needed use the back of this worksheet. Good luck! Science gourmets around the world are depending on you!

Step 1: _____

Step 2: _____

Step 3: _____

Step 4: _____

Step 5: _____

Step 6: _____