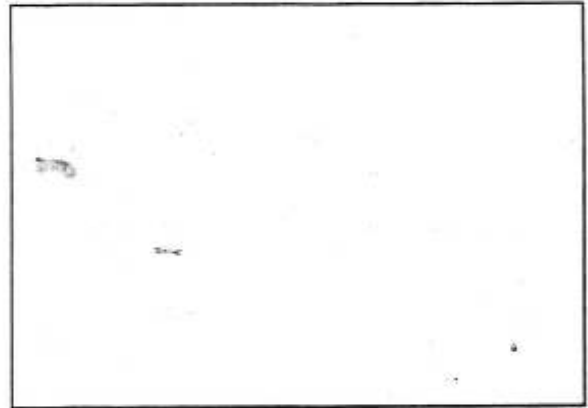
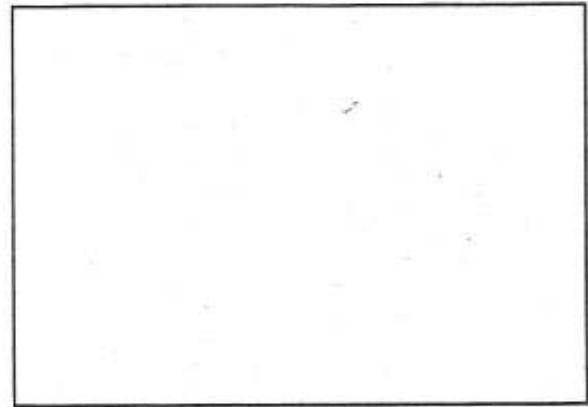


COMMUNICATING

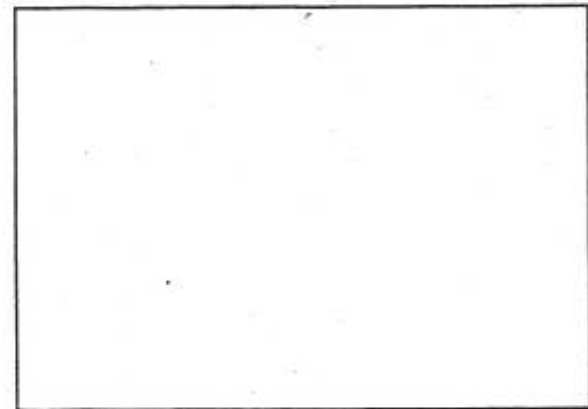
1. Draw and color a picture of the whole apple.



2. Draw and color a picture to show the inside of an apple cut from the top to the bottom.



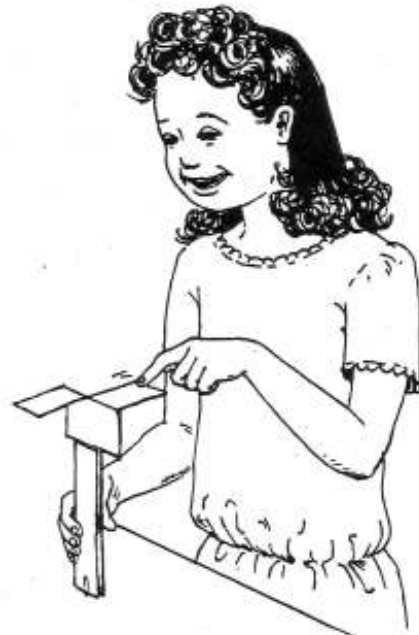
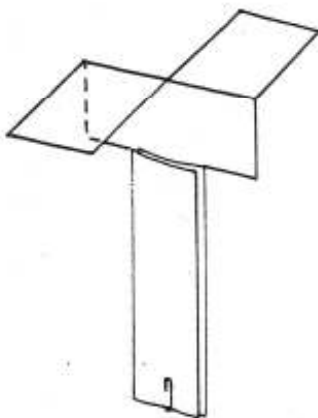
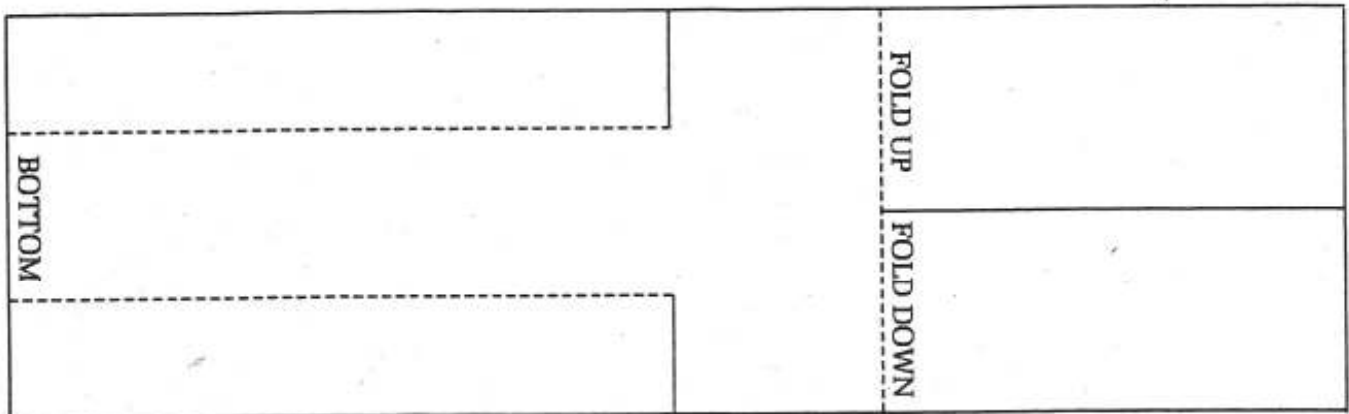
3. Draw and color a picture to show the inside of an apple cut across the middle.



4. Describe an apple from the inside to the outside.

MAKING MODELS

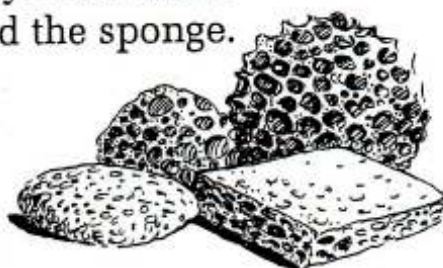
1. Cut out the winged seed model on the solid lines.
2. Fold it on the dotted lines.
3. Attach a paper clip to the bottom.
4. Drop the seed model and observe its movement.
5. How does your model show how wind carries seeds?



HYPOTHESIZING

1. **Question:** How does the size of a sponge affect the amount of water it will hold? Your hypothesis (educated guess):

2. Place the 2 cm × 2 cm sponge on the construction paper.
- Fill the graduated cylinder with water to the 250-ml mark.
 - Pour water 10 ml at a time evenly over the sponge. Each time, lift the sponge. When the paper is wet, stop pouring.
 - Subtract the amount of water left in the cylinder from 250 to find out how much water saturated the sponge.
 - Record this number in the chart below.
 - Refill the graduated cylinder.



3. Repeat with the remaining three sponges.

Sponge Size 250 ml – ____ (water level after saturating sponge) = ____ ml

2 cm × 2 cm		
3 cm × 3 cm		
4 cm × 4 cm		
5 cm × 5 cm		

4. Did your investigation support your hypothesis? _____
5. Explain. _____

COMMUNICATING

1. Use the book to find information about the five groups of vertebrates: fish, amphibians, reptiles, birds, and mammals.
2. Complete the table by listing features of each group of vertebrates and drawing one member of each group.



Vertebrates

Group	Features	Example
Fish		
Amphibians		
Reptiles		
Birds		
Mammals		