

An Integrated Lesson Using The Process Skills with Snowflakes

Observation

Observe the snowflakes with your group.

Work together in groups of 3 to list 5 qualitative observations and 2 quantitative ones.

Classification

Divide your pile of snowflakes into 2 groups.

Divide them again into 2 different groups.

Be ready to share how you did it.

Inference

Discuss the following question in your group: why do you suppose snowflakes have 6 sides.

Measure

What is the diameter of your snowflake to the nearest cm?

Estimate the approximate surface area of your snowflake.

Communicate

Lay all the snowflakes in the center of your group.

Select one snowflake and describe it, until the members of your group can determine which one you chose.