

All About Snowflakes



In the Northern Hemisphere, December will have the first snowflakes of winter. Places like Canada, Maine, Wisconsin, Michigan, and even New York will get snow.

Droplets of Water

Have you heard the song, "Let it Snow"? This song is a symbol of December and snowflakes. Snowflakes form from very cold water droplets. Snowflakes are fascinating to people and scientists.

Snowflake Science

There is a reason snowflakes have the same pattern. No matter the size, there is a model for all snowflakes. This model is the water molecule.

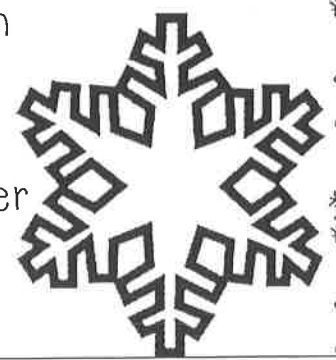
When water molecules get cold, they will bond. They will stick together to form a six-figured shape. Because of the model, snowflakes will always be hexagonal.

Same or Different

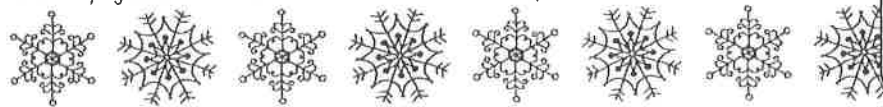
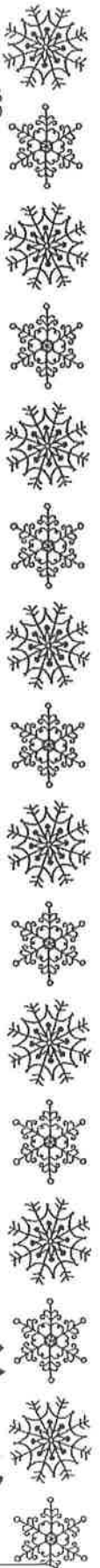
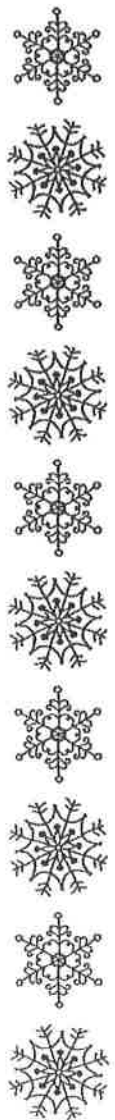
Some people believe snowflakes can be exactly the same. Scientists claim no two snowflakes are alike. How can this be when one snowfall has billions of them? Today, this continues to be a discussion. Still, most scientists conclude, no snowflakes are the same.

Two Poles

People are fascinated with the white crystals. They have created many purposes for them. The glass-like particles are a symbol of the winter holidays. Snowflakes are in decorations for Christmas. They are used as artwork on television and the internet. People make snowflakes for December events and winter plays. Have you ever made a paper snowflake? Remember, all snowflakes can look different. They just have to have six points.



To see a snowflake, one must get real close and watch them as they fall upon something. Using a magnifying glass is a great tool to enlarge the tiny water crystals.





Day 3

Directions: In one or two sentences write what each paragraph is about.

Name _____

All About Snowflakes



First Paragraph

Second Paragraph

Third Paragraph

Fourth Paragraph





Day 3

Name _____

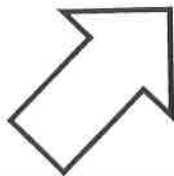
Directions: Complete each section.

All About Snowflakes

Snowflakes are...

Complete the steps of how snowflakes form.

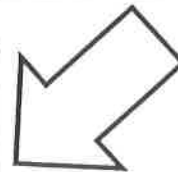
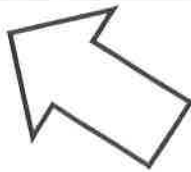
First,



Last,

Then,

Next,





Day 3

All About Snowflakes Key Ideas and Details

Directions: Cite evidence from the text
and answer in complete sentences.

Name _____

RI.1

1. What are snowflakes?

RI.2

2. What is the main idea of the text?

RI.3

3. What makes all snowflakes similar?

RI.3

4. According to the text, people are fascinated with snowflakes.
What purposes are snowflakes used for?

