

Internet Scavenger Hunt: Snowflakes and Snow Crystals



Name: _____

Have you ever heard the saying that no two snowflakes are alike? Learn the real science behind snowflakes and snow crystals by using the Web site below to answer the questions.

Web site: www.snowcrystals.com

URL: <http://www.its.caltech.edu/~atomic/snowcrystals/primer/primer.htm>

1. Explain the difference between snowflakes and snow crystals. _____

2. How do snow crystals form? _____

3. What two factors determine the shape of a snow crystal? _____

4. Look at the Morphology Diagram. What conditions encourage complex shapes to form?

5. What does it mean when water is “supercooled”? _____

Something to think about: Does it snow where you live? What are some things people like to do when it snows?

Learn more: Use the activities on this Web site to study snowflakes and snow crystals up close:

http://www.espsciencetime.org/student_life.cfm?subpage=295683. Do you see any of the same snow crystals that you learned about earlier?