



**Activity:** It's Okay To Be Smart: The Science of Snowflakes

**Materials:** paper, scissors ; Links to assist: [The Science of Snowflakes](#), [How To Make A Snowflake](#), ["The Snowflake Man"](#); Books to assist: [Snowflake Bentley](#)

**Grade Range:** 3-5

**Time:** 20 minutes \*\* Consider using the hand raise/thumbs up feature of your virtual platform to assist with determining who will answer \*\*

**Synopsis:** Students will watch 'The Science of Snowflakes' before creating a snowflake of their own using scissors and paper. In addition, the book 'Snowflake Bentley' is a lovely story to read if there is time. I have also included a video on Snowflake Bentley – the first person to have photographed snowflakes.

**Instructions:**

1. Let the students know that you will be learning a bit about snowflakes today. Prior to showing the video, ask students what they already know about snowflakes. After students have shared, it's time for the video.
2. Choose one mentor (or the teacher) who can share the screen and the Science of Snowflakes video.
3. When the video is complete, ask for volunteers to share one fact that they found to be interesting.
4. After the sharing of facts, it's time create your own snowflakes with paper and scissors. If you'd like, go ahead and show the kids the 'How to Make A Snowflake' video above.
5. During the time of snowflake creation, you can show the "The Snowflake Man" video about Snowflake Bentley.
6. When students have finished (I would give them about 7 minutes or so), as for volunteers to share their snowflakes.
7. If time permits, ask students to share their favorite snowy day activities!