

Expanding...

Snowflake Races!

With your partner, cut out another hexagon and some rectangle paper strips and see who can build a snowflake the fastest!

Student Name: _____

Teacher's Name: _____

Due Date: _____

Partner's Name: _____



The Science Alliance of Tennessee, a coalition of 6 Science and Children's Museums, aims to foster children's curiosity, wonder and problem-solving skills using STEM curricula and community connections that set students on a positive trajectory of learning where they live and play. This project, the Tennessee Rural Impact Project (TRIP), was made possible in part by the Institute of Museum and Library Services.

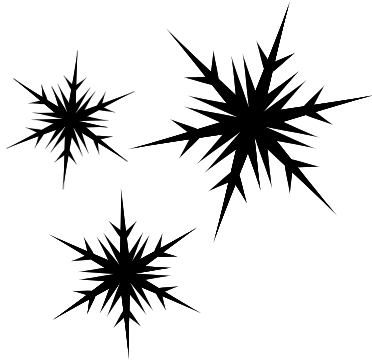
Let's Explore

Snowflakes



Exploring...

Snowflakes are formed when very cold water drops freeze onto a piece of dust that are floating in the sky. This creates an ice crystal that begins to fall to the ground.



Snowflakes have 6 sides and are all different. You will never find 2 snowflakes that are the same!



What to do

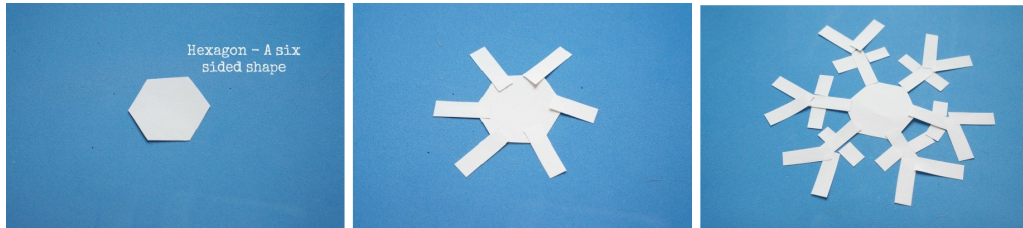
Can you build a snowflake?

- Cut out the hexagon shape. A hexagon is a shape that has 6 sides.
- Cut out many rectangle strips.
- Work with a partner to create your snowflake.
- Start by adding one rectangle to each side of the hexagon.
- Design your snowflake to be as big as you'd like.
- You can glue your snowflake together if you want.
- Make more than one if you have time!



*Teachers: If available in the classroom, read the book *Snowflake Bentley* as an added bonus activity

Snowflake example:



Cut out the hexagon below. Use the remaining paper to cut out rectangle strips to form your snowflake! Design the snowflake any way you'd like!

