

## Objective

By the end of this lesson, the student will have a deeper understanding of snow, including its formation, types, and the impact it has on the environment and daily life. The student will also engage in fun activities that reinforce their learning and stimulate creativity.

## Materials and Prep

- Paper
- Pencil or pen
- Access to a window or outdoor space (if possible)
- Optional: Colored pencils or markers for drawing

Before the lesson, ensure that the student has a quiet space to work and is ready to explore the topic of snow. If possible, check the weather to see if snow is currently falling or if there is snow on the ground to enhance the learning experience.

## Activities

- **Snowflake Art:**

The student will create their own unique snowflakes using paper and scissors. They can fold the paper and cut out shapes to make beautiful designs. This activity helps them understand that no two snowflakes are alike.

- **Snow Investigation:**

If there is snow available, the student can go outside to collect some snow in a clear container. They will observe its texture, temperature, and any other characteristics. This hands-on activity encourages scientific observation.

- **Snow Story Writing:**

The student will write a short story or poem about snow, incorporating their observations and feelings about it. This activity will enhance their creative writing skills while allowing them to express their thoughts on snow.

- **Snow Facts Research:**

The student will research interesting facts about snow, such as how it forms, the different types of snow, and its role in the ecosystem. They can compile their findings into a mini-presentation or a poster.

## Talking Points

- "Snow is formed when water vapor in the atmosphere freezes into ice crystals. These crystals then cluster together to form snowflakes."
- "Did you know that snowflakes can have many different shapes? The most common types are dendrites, plates, columns, and needles."
- "Snow plays an important role in our ecosystem. It provides insulation for plants and helps to replenish water supplies when it melts."
- "How does snow affect our daily lives? It can create beautiful landscapes but also challenges such as transportation issues and the need for snow removal."