

# Snowflakes

Grades  
**4-10**

Created by Mike Page & Nate Lott \*Requires accounts with CoSpaces Edu Pro & Tinkercad



Difficulty **3**



2-60 minutes



1 to 1

**Tags:** Science, Math, Art, CoSpaces Edu, Tinkercad

**App/Tech Tools** CoSpaces Edu Pro accounts, Tinkercad account, MERGE Cube, MERGE Headset (optional), device (phone/tablet)

**Materials**

## Learning Objectives

- View different snowflakes around the merge cube, possible hook for a water cycle unit or a unit on snow or winter.

**Suggested Vocabulary:** Geometry, empathy, winter, snowflakes

## Activity


\*Go [here](#) to view finished project idea.

1. Visit [this website](#) first (how snow is made).
2. Visit the CoSpace link above to will view snowflakes of various designs. Each snowflake was designed on Tinkercad. Use the cube and your mobile device and you will see be able to see Merge snowflakes falling from the clouds. Use this as a hook for your water cycle unit or a unit on snow or winter in primary classes.

# Suggested Questions

- Can snow be dangerous?
- Can it be too cold for snow?
- Are all snowflakes different?

## Extension Ideas

- Video on how to make a snowflake  Video 1
- Extension Lesson alternative - [Click here](#)
- [Grid](#) - This is a good place for students to draw their snowflake before they create it in 3D.

