

# So, you think you know snow!

All “bullets” below are prompts for activities you will do as part of this lesson

## 1. There’s no info’ like Snow Info’! Click here - <https://insidc.org/cryosphere/snow>

- List and illustrate the 4 forms (one is not actually snow, but include it anyway) that snow falls as. Click on each word (in blue) to learn more

## 2. Did you know that snow can be classified as a mineral? How can this be?

- Read the “Snow as Mineral” section and see for yourself!
- Write a list of the things that allow for snow to be considered a mineral
- Now write it as a recipe with a list of “ingredients” and “directions” for creating snow. For additional help with creating the Recipe for Snow go to the menu on the top left of the page, and under “Snow Science” click on “How Snow Forms”

## 3. You are the Ambassador of Snow!

You have been selected to go on an all expense paid trip to Christmas Island! This tropical island is located at the following coordinates: 10°29’00.0S 105°38’00”E

- Open up Google Maps and in the search bar paste in the above coordinates, and search
- Use the “-” tool to zoom out until you can see where it is in relation to other landforms
- Create a “Notes” page and jot down some information about the Island; what countries are near it, what ocean is it in, how big is it, population, etc.

The good people of Christmas Island have heard about snow (given the Island’s name, and all) all their lives but, of course, have never seen it, or touched it. They are very curious, and cannot afford the very expensive trip to the *Cryosphere* (places where water can exist as snow)!

**Your job as Ambassador of Snow!** You will travel to the island and present a report for various villages so that they might have a firsthand account from a snow expert. Others will select different topics, so become the content-expert of your sub-topic.

- Now go back to the menu on the top left and choose one of the following headings; “Snow and Climate”, “Snow and Plants”, “Snow and Animals”, “Snow and People”, “Snow and Recreation”, or “Snow Removal”
- Once you have made your selection from above read that section and take notes on important details. Make sure to include information from under each sub-title, and don’t forget to read under the photos!
- After you’ve made your notes, write the report that you will deliver!

**4. Add to your presentation by creating visuals. Select one of the options below**

**Option 1**

- Design and create a poster (use poster board or white paper glued or taped to cardboard) that supports your presentation

**Option 2**

- Create a slideshow (Google Slides) or Powerpoint presentation that supports your presentation

Be prepared to turn your work in when we return to school. For **Extra Credit** let your teacher know that you would like to present your report to the class!