

'Want to build a snowman?'

You can make a better snowball when more water molecules are trapped. Find out the best temperature [here](#). *How many different [snow crystals](#) exist? How many [colors of snow](#)?*

<https://nsidc.org>

<https://www.massaudubon.org>



How do snow and ice insulate?

[Snow caves](#) can protect, but what are the safety concerns? [Ice floats](#) and this helps explain how fish survive in a frozen lake. [See here](#).

<https://oceanservice.noaa.gov>

<https://www.worldofmolecules.com>

<https://boyslife.org>

Snow Wonders

Use the hyperlinks to explore



Why is Water a Universal Solvent?

Water is polar, which means it's H₂O is made of differently charged ions that pull on molecules to dissolve.

See the solvent [here](#) and the solute [here](#). How does [this chemistry](#) help make lemonade?

<https://www.scientificamerican.com>

<https://www.worldofmolecules.com>

youtube video by [Canadian Museum of Nature](#)

Snow Sports & Stunts:

See the questions you've wondered about sports in the snow [here](#)? Check out these [snow stunts](#) to see a frozen bubble.

www.nationalgeographic.com

<https://www.sciencebuddies.org>

Life above, under, & inside the snow:

How is wildlife built to survive in the snow? Read [here](#). See [examples](#) of how humans & wildlife depend on snow. Read [here](#) how the human body is impacted.

www.nationalgeographic.com

<https://nsidc.org>

Which of these snowflakes is a fake?

How do you know?

Click each to find out

How are Polar Vortexes Impacting Climate?

As the arctic waters warms, cool air is pushed South. [Read](#) about how the [polar vortex](#) is changing with warming waters.

<https://www.noaa.gov>

<https://www.nationalgeographic.com>

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