



Hot and Cold All Around the World

How Does Temperature Change?

Beginner: Talk about current temperatures in your climate and compare them to temperatures in another climate.

[Tip]: “Australia has hotter temperatures than here in Canada” which also means, “Canada has colder temperatures than Australia.”

Intermediate: Look up the hottest annual, coldest annual, and current temperatures of several places. Together, draw and write out your findings in a graph.

[Tip]: Try looking up the coldest and hottest days in your child’s lifetime.

Experienced: Look up the temperatures on specific dates for places on Earth and on other planets. Show what you’ve learned using a graph and ask questions about what you would need to survive the extreme temperatures elsewhere.

[Tip]: You can colour code and use illustrations.

Why is this important? Children can develop a good sense of what numbers mean in the real world if they have the chance to compare them to each other.

References: Mulligan, J. (2015). Moving beyond basic numeracy: data modeling in the early years of schooling. ZDM, 47(4), 653–663. <https://doi.org/10.1007/s11858-015-0687-2>