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## 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 different places. Together, draw and write out your findings.

**[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. Draw and write out your findings 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.