



Yale-New Haven  
Teachers Institute®

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## **The Impacts of Weather and Climate on Communities**

Guide for Curriculum Unit 22.01.03  
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### **Synopsis**

This eight-lesson unit was designed to introduce elementary students to the impact severe weather has on an area. Specifically, students will be able to describe climate and identify how it affects a particular area or region of the world. They will be able to look at different weather systems and patterns that impact daily life for all living things. Additionally, students will be able to understand the five different climate zones categorized by the Köppen-Geiger Climate Classification System.

Within the unit, students will also have the opportunity to observe weather by creating a sit spot for daily observation both at home and at school. They will also be able to participate in many different hands-on activities such as meeting a meteorologist and learning what their daily tasks involve; visiting the Connecticut Science Center; and measuring the weather and creating a rain gauge. Ultimately, the goal of this unit is for students to understand how weather and climate impact living things and how to prepare and stay safe during extreme weather.

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