

Third Grade

Storm Chasers: Protecting Our Community from Extreme Weather



Driving Question

How can we, as meteorologists, help our community prepare for natural hazards caused by weather?

Content

This project will cover a variety of 3rd grade standards:

Next Generation Science Standards

Performance Expectations: 3-ESS2-1; 3-ESS2-2; 3-ESS3-1; 3-5-ETS1-1; 3-5-ETS1-2; 3-5-ETS1-3; 3-LS4-3

Science and Engineering Practices: Practice 1; 2; 3; 4; 5; 6; 7; 8

Disciplinary Core Ideas: ESS2.D; ESS3.B; ETS1.A; ETS1.B; ETS1.C; LS4.C

Crosscutting Concepts: Patterns; Scale, Proportion, and Quantity; Stability and Change; Cause & Effect

Common Core State Standards for English Language Arts

Reading Informational Text: CCSS.ELA-LITERACY.RI.3.1; RI.3.4; RI.3.5; RI.3.7; RI.3.10

Writing: CCSS.ELA-LITERACY.W.3.2; W.3.4; W.3.8; W.3.10

Speaking and Listening: CCSS.ELA-LITERACY.SL.3.1; SL.3.2; SL.3.3

Major Products

Students will design and build a model of a hurricane or tsunami resistant structure and share what they've learned as meteorologists in the form of a visual representation of weather data.

Public Presentation

Students will share their weather data and weather resistant structure model in a Safety Forum put on for families and other classes at Kinetic.

