



Wildfire: Past and Future 9th-12th Grade Classroom Program

Program Summary

Students investigate the impacts of climate change on wildfire. They will interpret graphs to see the connections between temperature and wildfire, then conduct an experiment using models to understand why increasing temperature plays a role in wildfire risk and severity.

Phenomenon

Wildfire risk, severity, and size are affected by temperature.

Next Generation Science Standards

Science & Engineering Practices	Disciplinary Core Ideas	Cross Cutting Concepts
Planning and Carrying Out Investigations Developing and Using Models Constructing Explanations and Designing Solutions	LS2.C Ecosystem Dynamics Functioning, and Resilience	Patterns Cause and Effect

Common Core State Standards

CCSS.ELA-Literacy.W.9-10.1/W.11-12.1: Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

CCSS.ELA-LITERACY.RST.9-10.7: Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.

Date: _____

Asombro staff: _____