

## CLIMATE CHANGE AND WILDFIRE NEXT GENERATION SCIENCE STANDARDS ACTIVITY CHARTS

### Three Dimensions

This chart identifies the Climate Change and Wildfire activities that address each of the listed three dimensions of the Next Generation Science Standards.

NGSS THREE DIMENSIONS			
	Wildfire: Past And Future	Wildfire Data Jam	Playing With Fire
SCIENCE AND ENGINEERING PRACTICES			
Planning and Carrying Out Investigations	●		
Developing and Using Models	●		
Analyzing and Interpreting Data		●	
Using Mathematics and Computational Thinking		●	
Constructing Explanations and Designing Solutions	●	●	
Engaging in Argument from Evidence			●
Obtaining, Evaluating, and Communicating Information		●	
DISCIPLINARY CORE IDEAS			
ESS3.B Natural Hazards		●	
ESS3.C Human Impacts on Earth Systems		●	●
ESS3.D Global Climate Change		●	●
LS2.C Ecosystem Dynamics, Functioning, and Resilience	●		
CROSSCUTTING CONCEPTS			
Patterns	●	●	
Cause and Effect	●	●	
Scale, Proportion, and Quantity		●	
Systems and System Models			●
Stability and Change			●