



NATURAL SCIENCE CENTER
OF GREENSBORO

Community Service Through Science

Weather & Climate

Program Length: Approximately 45 minutes

Science Presentations

The Science Presentation you have scheduled is designed to help illustrate the science concepts taught in the classroom and to stimulate student interest in the subject matter.

Program Description

The causes of common weather phenomena will be presented using models, hands-on demonstrations and video. Students will have the opportunity to recognize common cloud types, create “lightning,” and observe a “tornado” up close.

Program Objectives

- 1) To help students differentiate between weather and climate
- 2) To recognize the influence geography has on weather
- 3) To become familiar with weather instruments & tools used for predicting weather patterns
- 4) To relate the various cloud types to the kind of weather systems they create

Vocabulary

hail
energy
Celsius
meteorologist

tornado
pressure
Fahrenheit
thermometer

hurricane
barometer
atmosphere
anemometer

humidity
lightning
air pressure
troposphere