



# Wild Weather

**60-minute Program \* Grade 5**  
**Science Standards: 5.E.1; 5.P.2**

## **EXPLORE THE ELEMENTS THAT MAKE UP OUR WEATHER!**

Students will conduct experiments and participate in hands-on demonstrations to explore the fundamentals of air and the elements that make up our weather.

### **PROGRAM ACTIVITIES INCLUDE:**

#### **AIR MATTERS**

In order to understand the weather, it's helpful to understand a few key principles of air. Conduct an experiment to shed light on two properties of air.

#### **FEELIN' THE HEAT?**

Investigate air temperature. Watch what happens to air when it is heated and cooled.

#### **UNDER PRESSURE!**

We live under constant pressure....air pressure that is! Witness the power of atmospheric pressure and discover the relationship between air temperature, atmospheric pressure, and wind.

#### **WATER IN THE AIR**

Identify the various forms of water around us and the processes by which this water changes state. Observe the formation of a cloud and learn how to "read" clouds.

#### **TOOLS OF THE TRADE**

Examine the tools of a meteorologist and construct your own 'weather window' to identify clouds.

**\*NOTE** Program requires access to an electrical outlet.

**Call 910.798.4362 for fees and to schedule your outreach program today.**



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