



## Lesson Logistics

### Learning Outcomes

K-Grade 3	Grades 4-6
Daily and seasonal changes	Weather
Liquids and solids	
Relative position and motion	
Air and water in the environment	

### Class Organization

Divide the students into groups of three or four.

Ensure that each station has all the required materials and a copy of the *Activity Instructions*. Each student should have a copy of the *Student Handout*.

### Notes

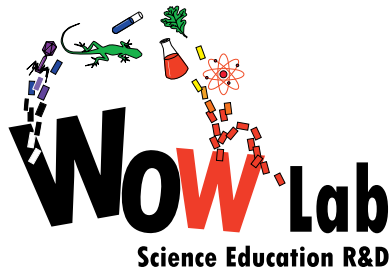
The *Weather Station* consists of several different activities that are put together to create the whole weather system; however, the activities can also be performed individually.

The classroom should be divided into eight sections; each section can be used for one weather demonstration.

In *Somewhere Over the Rainbow*, sunlight must be able to enter through a large window so that the appearance of the rainbow will be noticeable.

A garbage bag should be laid out underneath *The Stormy Day* to avoid the accumulation of water onto the table or desk.

After the students have completed the *Student Handout* and visited each station, they can discuss as a class and share their experiences.



a WOW Lab

# BLUEPRINT

## Weather Station - Lesson Logistics

### Further Exploration

#### Coloured Tornado

For *The Twist*, try adding two ounces of coloured lamp oil to the water. Lamp oil is available at most department stores. The oil will float on the surface of the water since oil is less dense than water. When the oil and water swirl together, the less dense oil travels down the vortex first and creates a “coloured tornado” effect.

#### What is in the Wind?

Discover what the wind carries by creating a wind trap. Pierce a hole in a small piece of cardboard and attach a stick through the hole. Smear petroleum jelly on one side of the cardboard. Hang it from a tree branch outside, facing the wind, and leave it for a few hours. Come back later to see all kinds of dirt, bugs, seeds and leaves attached to the sticky side of the cardboard.