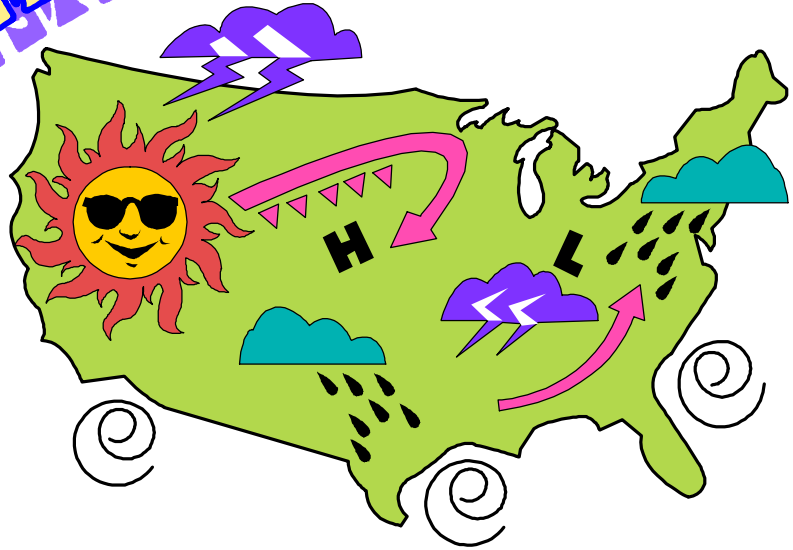
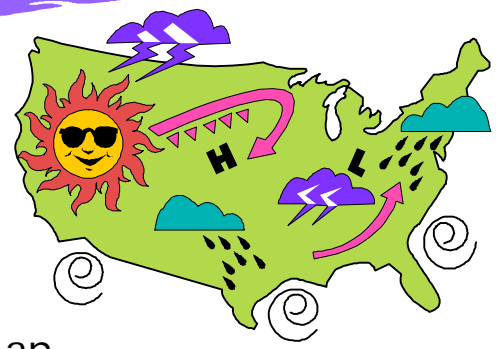


WEATHER STATIONS

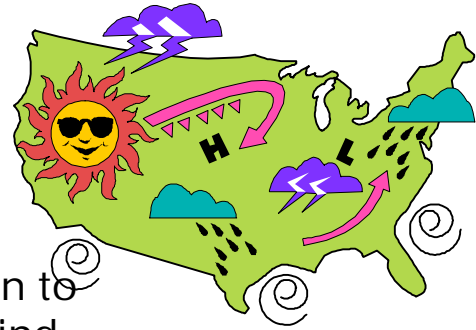


SITUATIONS



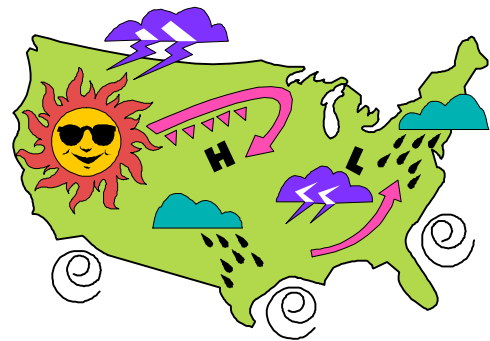
The city of Port St. Lucie is building an airport. To figure out which direction the runway must go, the city needs to collect information about the wind.

PROBLEM



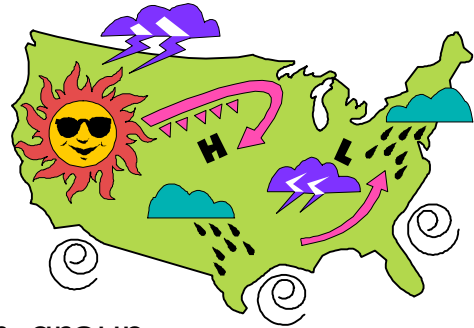
Your team must build a weather station to collect data (information) about the wind. Use your reference cards and the sheet that your teacher gave you to help get ideas.

OBJECTIVES



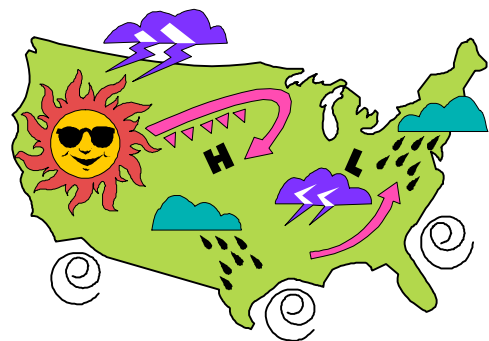
Students will use creativity and problem solving to build a weather station.

MATERIALS



- 1 Lego Technic 1031 kit per group
- 1 set of Lego Technic activity cards per group
- 4 small cups per group
- 1 sheet of paper per group

REQUIREMENTS



Your grade will be based on the following:

- *Your weather station must show the direction the wind is blowing.
- *Your weather station must have an anemometer (tool that measures wind speed).
- *Your weather station must have a rain bucket to measure rainfall.

- A = weather station meets all requirements
- B = weather station is missing 1 requirement
- C = weather station is missing 2 requirements
- D = weather station presented
- F = no weather station presented