

F FOCUSED FIELD TRIPS

PLEASE NOTE: Parts of Level 1 and all of Level 4 are currently under renovation while we prepare your next scientific adventures! For up-to-date construction information, please visit azscience.org/construction_updates.

Sixth Grade Student Investigation

This Investigation contains activities on a variety of topics found throughout the Center. Exhibits are also sometimes removed temporarily for repair or refurbishment, or may be in use by other groups, so be prepared to be flexible.

Investigation Activities

Level 1: All About You Gallery, in the Steele Gallery - Coming Soon! The W.O.N.D.E.R. Center - Coming Soon!

Coming soon! Find out just what makes you, YOU!

Level 3: Forces of Nature, Sybil B. Harrington Galleries

Earth's Processes and Systems

How do you think the weatherman predicts the weather on earth? It is by studying how the earth works and how the atmosphere affects our climate that we can begin to understand how water, air, and our oceans affect us on a daily basis. By learning more about the earth's atmosphere we can also gain valuable information on how pollution affects our air, water, and climate as well.

Where to go

Air wall, The Ocean in Motion, Magic Planet

What to do

Find the Air wall and use the rotating lever to watch the different types of cloud formations roll by.

Why do you think there are so many different kinds of clouds?

What can you learn from the different types of clouds?

Find "The Ocean in Motion."

How do you think ocean currents affect Earth's climate?

What do you think would happen if the currents changed paths or direction?

What do you think would happen if the currents stopped altogether?

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Now find The Magic Planet in the Wells Fargo Room. Use the buttons on the monitor to control the Planet so that you can examine weather data – including past hurricanes!

*What can you learn from examining weather data?
In what ways can this knowledge help us?*

Changes in Environments

The weather in Arizona can vary greatly, from scorching heat in the summer to a violent rainstorm during the monsoon season. Many different types of natural hazards can create many different affects on this planet: floods, droughts, hurricanes, tornadoes, etc.

Where to go

Immersion Theater, Air Wall

What to do

Go to the Forces of Nature movie stage and watch, listen and feel phenomena such as lightening and thunder, desert heat, earthquakes, hurricanes and more!

Find the “Air Wall” and read about hurricanes, dust storms and lightening.

*Have you ever been in a hurricane?
How can weather affect humans?
Can weather affect landforms?*

Level 4: Solarville, in the APS Gallery

Coming soon! This new, brightly-colored, eco-friendly gallery will offer hands-on exhibits presenting solar energy in a whole new light!