

Surrounded By Science

From the front door to the solar system, science can be found everywhere.

Explore some of the many ways science connects the world around us. Help increase our understanding of the environment through citizen science.

 Record the shape of the moon over several nights to determine whether it is waxing or waning.

[NASA.gov](https://www.nasa.gov)

 The Moon is very hot during the day but very cold at night. The average surface temperature of the Moon is 224°F during the day and -243°F at night.

Air pressure affects weather patterns all over the world.

 Because air tends to rise in a low pressure system, air and water molecules condense as they reach colder higher altitudes, often resulting in clouds and precipitation.

 Make your own simple barometer to measure air pressure on different days or during different precipitation events.

CS: [Teach Engineering.org](https://www.teachengineering.org)

 The watershed of the Mississippi River Basin covers over 1,245,000 square miles of land and touches 31 different states.

 Locate your watershed to learn more about it and see how you can help protect it.

CS: [FreshWater Watch](https://www.freshwaterwatch.org)

 About 75% of all plants, including those in our yards, gardens and parks, depend on pollinators like bees, butterflies, birds or even bats to reproduce.

 Plant native flowering plants in your yard to help pollinators.

CS: [Bumble Bee Watch](https://www.bumblebee.org)

 Help maintain suitable wildlife habitat in your yard or neighborhood by preserving natural spaces that provide food and shelter for small animals.

CS: [Cornell Lab of Ornithology](https://www.cornelllabofornithology.org)

 96% of terrestrial North American birds raise their young on insects. Birds like chickadees do almost all of their foraging within 50 meters of the nest, meaning they need wild, pesticide-free land in your community to survive.

 Interesting fact to know more.

 Simple activity to do more.

CS: Citizen Science project you can join.

 **NEEF** National Environmental Education Foundation

Learn more at [NEEFusa.org](https://www.NEEFusa.org)

Sources: Pollinator Partnership; Audubon; U.S. Environmental Protection Agency Office of Wetlands, Oceans, and Watersheds; Live Science; Science Kids.