

Sixth Science At-Home April 13

Families are encouraged to discuss, draw, and write about our natural world. Review learning in Weather and Climate, Human Impacts, and Space Systems.

Review of Human Impacts on Earth using [NASA's Earth Minute Videos](#) at [Jet Propulsion Laboratory Cal Tech](#)

General Guiding Directions:

Science is all around us. Take the opportunity to study the phenomena in your environment. A process Scientists could follow while investigating:

- Find a scientific phenomenon you are curious about and investigate by researching articles, videos, or simulations.
- Make a Claim: Think/Write before you investigate the phenomenon.
 - Make a Claim about what you think is happening during the Phenomenon.
- Provide Evidence: During and After you investigate the phenomenon.
 - During your research, find Evidence to support your Claim about the phenomenon.
 - Find examples of evidence to support your ideas about what is happening with phenomenon.
- Share your Reasoning:
 - Provide your Reasoning for why you linked your Claim about the phenomenon to the Evidence you shared.
 - Explain or Describe what you think is happening. Include your examples of evidence to support your explanation or description.
- Connections:
 - Give an example of how the phenomenon could connect, impact, matter, or relate to your life experiences in the past, present, or future.

Parent Supported

[University of Arkansas STEM Challenges](#) – this is designed or classroom teachers so it is a bit more advanced than Design Squad, but it could inspire a family challenge!

[Design Squad](#) – step by step support for leading kids in engineering projects

[National Geographic Family](#) – Families can read and watch about science information and discuss what your family might think, do,

[Design a New Sport Challenge](#) – Work to create a new sport by following the Scientific Design process

[Animal Observations](#) – Create your own or get started here in observing animals in your area.

[Native American Stories told by Roger Fernandes:](#) Click on "Native American Story Connections" and scroll down to "Stories." Mr. Fernandes has been given permission by the tribes to tell these stories. As you listen, consider how a scientist might connect the stories to our natural world.

Personalized Digital Learning (2-3 times a week)

Choose one of the following to work in:

[Clever Login:](#)

MobyMax Science
Code.org
Khan Academy Science
Epic! Books
NEWSELA

[Virtual Zoo Tours and Fieldtrips:](#) Explore numerous locations around the world

Ask a [Biologist Notebook](#) supports [ASU's Virtual Biome Project](#)

[Discovery Education Virtual Field trips:](#)

Explore unfamiliar location and topics as if you are physically there.

[PBS Learning for Middle Schoolers](#)

