

## How can you continue science learning at home?

You do not stop learning science when you leave the classroom. Science is all around us, including at home! You can continue to explore the world around you, understand natural phenomena, and solve engineering problems from your own home.

### Don't Forget

- **Your physical and emotional well-being are important.** Take care of yourself and do not be afraid to ask adults for information or support.
- **Home-based learning is unique and should not try to recreate school.** Trying to support school-like learning at home just is not possible! Work, with your family if possible, to connect science to your home life, interests, and identities. This is an opportunity to explore something that really matters to you!

### Recommended Actions You Take

- **Explore science that matters to you!** Is there something you've always wondered about--maybe why something happens the way it does, or a problem you want to solve? Consider how your science learning could help you figure this out. You might look for information from reputable sources, design an experiment and collect data, build or draw models that show why something happens, or describe possible solutions and why one might be the best. Be creative, and use your science experiences to work on something you care about.
- **Find a Thinking Partner!** As you are doing your science learning, who can you stop and think with? They might be members of your family, your friends, or other students from school. A video or phone call, text, or email should work if you can't sit down and talk with them in the same room right now. People learn best by talking and thinking with each other.
- **Work on Your Own and With Others!** When you try to figure out a science phenomenon or solve an engineering program, think through your ideas first and then check in with others to see what they think. If possible, do the experiment or design challenge together—even if you aren't in the same location. If you get stuck or frustrated along the way, ask others to listen to your thinking, share other perspectives, or give feedback.
- **Reflect on your own learning!** Whether you have a thinking partner or not right now, one of the most important ways we build our understanding is by reflecting on *what* we are learning, and *how* we are learning it. When you finish your work on science for the day, think about writing, drawing, or talking through your responses to one or more questions like these:
  - What are some of the most interesting discoveries I made while working on this project?
  - What were some of the most challenging moments, and what made them so difficult?
  - What were some of my most powerful learning, and what made them so meaningful?
  - What is the most important thing I learned?
  - What moments during this work made me most proud?
  - Why was this project important to me, my family, or my community?
- **Document and Share What You Learn!** Try to capture what you think and learn in a way that you can share with others. You could write or draw your ideas, make a short video of your thinking and work, take pictures of your work, or record an important conversation you're having with your family or classmate. Be creative! What makes the most sense for you to capture and share your own learning?



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