



Level 2 • Module 1

Matter with Spotlight Lessons on Forces and Motion

Lesson Overview

Your student is studying the materials birds use to build nests and how the properties of matter make materials suited to specific purposes. In Spotlight Lessons on Forces and Motion, your student will explore motion of objects and identify ways people use magnets to solve problems.

Classroom activities for the module include the following:

- Investigating objects and materials to identify different properties of matter
- Classifying objects and materials by different properties of matter
- Observing reversible and irreversible changes in matter
- Building a rain shelter using materials that have suitable properties for the purpose
- Identifying magnets during a scavenger hunt to see how magnets are used to solve everyday problems

Conversation Starters

Support your student's learning with these talking points:

- Describe objects by their properties (e.g., color, shape) and have your student guess the object.
- Talk about different solids or liquids in the home and their properties.
- Discuss how different objects around the home are suited for different jobs.
- Point out patterns in the motion of objects, such as objects rolling down hills or balls bouncing.

Activities

Have fun with these related activities at home:

- Take photos or sketch plants and animals near your home.
- Check out field guides from the library to help identify local plants and animals.
- Visit a pond or other natural area to observe the plants and animals that live there.
- Observe objects outside and describe how they move.



ADDITIONAL RESOURCES

Animal Architects: Amazing Animals Who Build Their Homes by Julio Antonio Blasco and Daniel Nassar
Birds Build Nests by Elizabeth Raum