

**Kindergarten Science: March 30-April 17****Resource Used:** HMH Science Dimensions: K**Topic:** Unit 2: Forces and Motion; Lesson 2: How Can We Change the Way Things Move?**What Your Student is Learning:**

In Lesson 2, children will collect and analyze data to be used as evidence to determine if a design solution to change an object's speed or direction works as planned. Children will make observations about the effects of objects touching and colliding. They will observe the effects of exerting larger and smaller forces on an object and design a simple test to gather evidence that supports or refutes their ideas about causation.

**Background and Context:**

Students should read the text, discuss the ideas with you or a classmate by phone, text, or email, and answer the questions in a notebook.

[Click Here to Access the Forces and Motion packet](#)

In Kindergarten, students should engage in science about 3 times a week for about 30 minutes each time. Below is a suggestion for how you might want to break up the work, but if you haven't started yet, just start with the first week and go forward from there!

- Week of March 16th: Unit 2, Sound; Lesson 1: What is Motion?
- Week of March 23rd: Unit 2, Sound; Lesson 1: What is Motion? (cont'd)
- **Week of March 30th: Unit 2, Sound; Lesson 2: How Can We Change the Way Things Move?**
- **Week of April 13: Unit 2, Sound; Lesson 2: How Can We Change the Way Things Move? (cont'd)**

**Ways to Support Your Student:**

Encourage your students to talk or write about their ideas before, during, and after completing the activities. Tell them not to worry about being wrong or not knowing; science is about revising ideas over time based on new information. Students might call or video chat their classmates to discuss these ideas together as well. They should encourage each other to use evidence from the text to support their ideas.

**Additional Resource for Parents:**

Answer keys are available for:

Unit 2 Lesson 2 Self-Check (Unit 2 packet, pages )

Unit 2 Review (Unit 2 packet, pages )

[Click here to access the answer keys for Unit 2, Forces and Motion](#)

[Tips for Busy Parents](#) who want to support their childrens' science learning

[Force and Motion Activity at Home](#)  
[Sesame Street Force and Motion](#)

**Online Resources for Students:** These web resources provide other ways to engage with content, with short engaging videos, simulations, articles, and questions.

[Pushes and Pulls](#)  
[Force and Motion](#)  
[Force and Motion 2](#)  
[Forces and Motion Basics](#)