

# FOSS ANIMALS TWO BY TWO MODULE—WEEK 2

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**Hello Teachers and Families,**

This package includes **Home/School activities for Animals Two by Two Investigation 2—Water and Land Snails**. During school closures, the FOSS team will be expanding the **Home/School Connection Center** on the FOSS website <https://www.fossweb.com>.

Families can access Home/School Connections and other resources (multimedia, streaming video, and *FOSS Science Resources* interactive e-book) on FOSSweb through the class pages set up by the teacher. The teacher will need to provide the class username and password for full access.

If the teacher has not set up Class Pages, families can still access the **Home/School Connections Center** page from the main FOSSweb login page. No registration is necessary for this access.

The Home/School Connections for each module are active investigations that can be conducted at home (inside or outdoors). New activities are added to FOSSweb each Friday.

**If you haven't used FOSSweb resources before, here's how.**

**For Students and Families:** To sign in to FOSSweb, use the user name and password provided by your teacher. This might be a Common Class or Individual Student login. Here's a short video to get you started on FOSSweb

**For Student and Families Sign in Video:** <https://youtu.be/Fcfjbt7Li2k>

**For FOSSweb help:** <https://www.fossweb.com/student-parent-help>.

**FOR TEACHERS:** For help in setting up and using Class Pages, use the Walk-through Videos on FOSSweb: <https://www.fossweb.com/fossweb-walk-through-videos>

Visit the Home/School Connection for each module you teach, select the specific assignments that will be most relevant to your students at this point in instruction. Communicate with families about which content you are assigning through the Class Pages Notes on FOSSweb or through any other established parent communication channel your school has in place.

**Tech support on FOSSweb:** <https://www.fossweb.com/contact-us#jotform>

Sincerely, The FOSS Team at the Lawrence Hall of Science

# HOME/SCHOOL CONNECTION—WEEK 2 A

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## Investigation 2: Water and Land Snails

Here are things to do at home with this investigation.

### **Look at the Home School Connection for Investigation 2.**

*(Download the PDF in English or Spanish)*

Students have had several experiences closely observing animals' behaviors at the science center in the last few weeks. Play a game of animal "charades" with your child at home. Each person takes a turn at imitating the behavior of any animal he or she chooses. The rest of the family guesses what the animal is. If hints are required, guessers may only ask questions that can be answered by simple yes or no answers.

### **Math Extension**

Use shells to make patterns

Make patterns with shells or beads. Put the shells or beads in a pattern (e.g., large bead, small bead, large bead, small bead...) and then have your child complete the pattern. Reverse roles and have your child start a pattern and you complete it.

### **Peregrine Falcon Webcam (continued from Week 1)**

Two Peregrine Falcon mates, Annie and Grinnell, are nesting on top of the Campanile at UC Berkeley. Follow their lives as they hatch and care for their babies. As you watch the livefeed, ask your child what they observe about the birds and their nest.

<https://www.youtube.com/watch?reload=9&v=UNJaghWqXAE&feature=youtu.be>

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# HOME/SCHOOL CONNECTION—WEEK 2 B

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## Investigation 2: Water and Land Snails

### **View Streaming Video—*Seashore Surprises*, Chapters 1 and 2**

To access the video, login to FOSSweb with the user name and password provided by your teacher. You'll find the video in your **Media Library** under "Streaming Videos."

Tell your child that the video will let you take a trip to the seashore. Focus on the content below as you watch the video with your child.

### **Chapter 1: Characteristics of a Seashore**

- A seashore is defined as the area where the land and sea meet; seashores have unique ecosystems, habitats.
- Although sea coral looks like a tree branch, it is actually made from tiny sea animals.
- Ocean waves constantly transport and deposit seashells along the shoreline.

### **Chapter 2: Learning about Seashells**

- Seashells are made by sea animals that grow the shells for protection.
- Many seashells found along the beach are empty, but the host finds a banded tulip; he shows how this shellfish uses it trapdoor for protection from predators.
- An olive shell is very smooth and shiny.
- The spiny oyster has spines sticking out from his shell, which help to protect it from predators.
- The animal in the pen shell coats the inside of its shell with a liquid; when it hardens, it is known as mother of pearl; kitten's paw shells got their name because they look like a kitten's paw.
- Coquinas are tiny shellfish that use a foot to burrow into the sand and escape from their predators.
- Lightning whelks get larger as they grow; the whelk lays hundreds of eggs in a special protective casing.

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# HOME/SCHOOL CONNECTION—WEEK 2 C

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## Read “Water and Land Snails” in FOSS Science Resources: Animals Two by Two eBook

To access the interactive eBook, login to FOSSweb with the user name and password provided by your teacher.

Introduce the title, “Water and Land Snails.” Ask your child what they think the article will be about.

**Read the article with your child.** You can click on the speaker icon on each page to have the text read to your child as well. As you read the article together, answer the questions on the pages together. In addition, here are some things you can do together with the interactives on the pages. (Click on the movie clip icon to play the clips.)

- Page 29  
This video shows an ocean snail.  
How does this snail look different from the snails we had in class (or snails they’ve seen in the garden)?
- Pages 30–31  
These videos show land snails.  
How do land snails move?
- Page 33  
How do snails eat?
- Pages 34–35  
What do snails use their tentacles for?  
Why do you think the snail’s body is bumpy?
- Page 36  
Look at the three videos on this page.  
How are these snails the same?  
How are they different?

### Extension activity

If you have a garden at home, go outside and see if you can find any snails. Observe the way they move, use their tentacles, and eat. What is the trail that snails leave behind as they move?