

# Animals 2 X 2 Storyline

## FOSS

**Big Idea: There are many different types of plants and animals on Earth.**

**Concept I:** Different kinds of fish have similar structures and behavior. However, each kind of fish has unique structures and behavior.

**Concept II:** Different kinds of snails have similar structures and behavior, however each kind of snail has unique structures and behavior.

Investigation 1: Part 1 The Structure of Goldfish  
Observe goldfish and identify structures such as fins, tail, mouth and gills.

Investigation 1: Parts 2 and 3  
Observe goldfish as items are added to the aquarium. Determine that fish behavior is influenced by conditions in the environment.

Investigation 1: Part 4: Comparing Guppies to Goldfish  
Compare the structures and behavior of guppies to those of goldfish.

Investigation 2: Part 1 Land Snails  
Identify land snail structures and behavior. Determine that snails have senses and basic needs.

Investigation 2: Part 2 Snail Races  
Investigate how snails move. Observe that snail behavior is influenced by the environment.

Investigation 2: Part 3 Observing Water Snails  
Investigate the structure and behavior of aquatic snails and compare them to land snails.

Investigation 2: Part 4 Shells  
Look for seashells that look like land snail shells. Organize shells into pairs or groups.

**Concept III:** Different kinds of worms have similar structures and behavior. However, each kind of worm has unique structures and behavior.

**Concept IV:** Different kinds of isopods have similar structures and behavior. However, each kind of isopod has unique structures and behaviors.

Investigation 3: Part 1 The Structure of Red Worms  
Dig through a terrarium to discover red worms. Look for structures seen in other animals studied.

Investigation 3: Part 2 Red Worm Behavior  
Observe worm behavior and notice it is influenced by conditions in the environment.

Investigation 3: Part 3 Comparing Red Worms to Night Crawlers  
Observe and compare structures and behaviors of two kinds of worms.

Investigation 4: Part 1 Isopod Observations  
Observe sow bugs and pill bugs noting structures and behaviors.

Investigation 4: Part 2 Identifying Isopods  
Compare and sort isopods into two groups based on structures and behaviors.

Investigation 4: Part 3 Isopod Races  
Conduct isopod races as a way to focus on isopod movement.

Investigation 4: Part 4 Animals Living Together  
Build a class terrarium for isopods, snails and earthworms and learn that animals have similar needs: food, water, air and space.