



## Model the Movement of a Sea Turtle Story Book Science at Home Activity

### What you need

- Materials for work station: 1 plastic bag filled with paint
- 2 pencils

### Preparation

The images model, or represent, the movement of three different species of sea turtle as they travel from the ocean to land in order to nest. Review these images, and give it a try yourself, only if you would like to!

### Loggerhead Sea Turtle



Image Credit: NOAA, <https://ocean.si.edu/ocean-life/reptiles/loggerhead-escapes-fishing-net>



**Step 1.** Take your right arm with the elbow at a 90-degree angle, and place it in front of your face. Take your left arm with the elbow at a 90-degree angle, and place it above your right arm.



**Step 2.** Keeping them in the same position, pull both arms down at the same time. Repeat!

### Green Sea Turtle



Image Credit: Michael Lusk, USFWS



**Step 1.** Take both arms with the elbows at 90-degree angles, and place them in front of your face.



**Step 2.** Keeping your arms in the same position, pull both arms down at the same time. Repeat!

## Leatherback Sea Turtle



Image Credit: David Rabon, USFWS



**Step 1.** Take both arms, and place them at an angle greater than 90-degrees. Your hands should be at the side of your face.

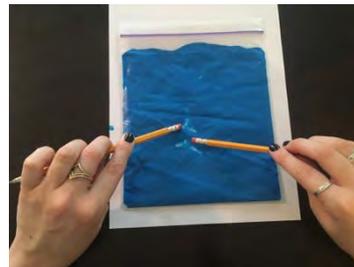


**Step 2.** Keeping your arms in the same position, pull both arms down at the same time. Repeat!

## What to do

Try to recreate the tracks that the movements of different sea turtles make in the sand through a model.

1. Set-up your work station. The work station in this activity requires a plastic bag to be filled with a small amount of paint to create a thin layer. Any size of plastic bag is appropriate, but a quart-sized bag is recommended. Paint can be replaced with other materials including foam shaving cream, sand, potting soil, or any other material that can easily be moved and show said movement.
2. Using two pencils or your fingers, recreate the motions from the section titled *Preparation* on the work station.

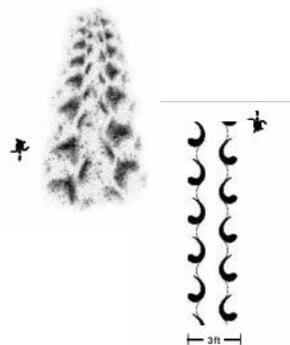


Activity modified from *You Make the Crawl* from North Carolina Aquariums Education Center

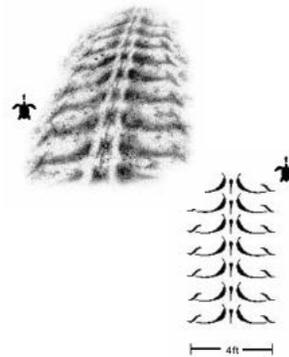
## What is happening?

Where do sea turtles live? In the sea, or the ocean, but female sea turtles return to land to nest! Different sea turtles can be identified from the tracks they make in the sand when traveling from the ocean to land in order to nest.

### Loggerhead Sea Turtle



### Green Sea Turtle



### Leatherback Sea Turtle

