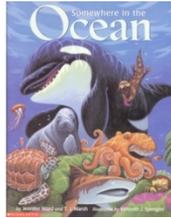


Somewhere in the Ocean



Explore different ocean habitats with this classic rhyming story. Clown fish, hermit crabs, tiger sharks, jellyfish, manatees, and sea turtles are just some of the ocean-dwelling creatures that readers meet along the way!

Materials: Somewhere in the Ocean by Jennifer Ward DUPLO bricks

Hula hoops 3 DUPLO Base Plates 3 of each per group: crab, shark, sea turtle and octopus Additional story: My Visit to the Aquarium by Alikei various reference books.

Intro: Review rules and procedures for LEGO Engineering. Introduce the book "Somewhere in the Ocean". Read aloud and discuss the story. On each page there is a different animal that lives in the ocean. Each page also includes a number representing the number of babies this animals has. As you flip to the next page, the number will increase by one. The animals are living their everyday life so have students explore the different habitats that the animals are in. At the end of the book, the author gives facts about animals talked about in the story such as clown fish, orcas, sharks, turtles, etc. so you may want to share those as well. You can follow up with Alikei's My Visit to the Aquarium. Ask students if they have ever visited a place where animals are kept (pet store, Gulfarium, Zoo). Discuss how the people who keep these animals try to make their enclosures similar to the animal's natural environment. Why do they do this? Tell students that today they will be building an environment for several different sea creatures.

Challenge: Each group will be responsible for *building a habitat for a crab, shark, sea turtle and octopus. The habitat must be a place where the sea creature will feel safe and at home.* How will they do this?

Build: Divide students into three work groups. Have groups work together to build habitats for each animal. Monitor each group by observation and asking pertinent questions: *“How can you use DUPLO blocks to look like a place an animal will feel safe and at home in?”* Allow students time to build, using the reference books for ideas.

Debrief: Gather the students back together and discuss problems they had and how they solved them. Ask *“What worked best?” “What didn’t work?” “What did you wish you had more of?”*

Presentation: Visit each group’s construction. The group presenting are the called the “Sitters” because they sit and describe what they’ve done. The teacher and the rest of the class are called the “Standers” because they stand around the presenters in a circle to observe and ask questions. The standers and the sitters change depending on the group presenting. Which groups were able to build a habitat for each animal?