

WEEK 2 Day 1

Discovery Table: Water, Part 2

Children experiment with materials that sink and float.

Big Idea	Through shared or independent research, people gather, organize, and analyze information about the world to think critically and gain understanding.	
Guiding Question	What do animals and plants need to survive?	
Vocabulary	float: to stay on or near the surface of water or other liquid sink: to go down below the surface of water or other liquid discover: to learn something new	
Materials and Preparation	 smocks sensory table/tub water a variety of materials, some that will sink and some that will float (e.g., LEGOs, blocks, plastic plate, Beautiful Stuff) an absorbent mat or towel, for under the table Fill the sensory table with water (one third or one half full), and place materials in a basket or on a tray nearby. 	
Intro to Centers	 Today we have a basket of new materials for you to experiment with in the water table. Indicate the basket of materials. Take a few of them out, and name them. Some of these materials will <i>float</i>, or stay on or near the surface of the water. Other materials might <i>sink</i>, or go down below the surface of the water. Use gestures to describe sinking and floating. What do you predict? What kinds of materials do you think will float or sink? Why do you think that? Have children turn and talk and facilitate a brief group discussion. You might <i>discover</i>, or find out, something that surprises you! 	

During Centers	Children experiment to discover which materials sink and which float. Talk with them about their predictions and to understand their thinking about properties of materials. Notice the vocabulary they use to describe various materials. Ask children how they might record their data so that others could learn about their discoveries.	
Facilitation	 What is your prediction: Will this item sink or float? Why? Why do you think this floated/sank? Do objects that sink/float have something in common? Tell me more about what you notice. 	
Standards	SL.1.K.b Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion).	

Notes	