

Sink and Float

Science

Level 8

Strand: Matter

Theme: Weight

Purpose for Reading: To develop an understanding of things that sink or float.

Comprehension Strategies: Predicting, asking and answering questions, comparing and contrasting.

Vocabulary

Dictionary Words: glass things, metal things, plastic things, rubber balls, tank, wooden things

Vocabulary Words: block, coins, comb, jar, marbles, pen, pencils, racquet ball, spoon, tennis ball

High-Frequency Words: a, and, are, at, by, can, have, in, look, makes, of, our, see, so, some, them, these, they, which, will, you

Before Reading

- Ask the students what they know about floating and sinking. Make a table with the headings *Float* and *Sink*. Have the students suggest things they think should be in the table and the heading their suggestions should be under.
- Read the title and have the students talk about the cover photo. *What is happening in the photo? Why are the two balls floating? What are they made of? Are they hollow or solid?* Add any new information to the table.
- Read the title page together and ask the students what is happening in this photo. *What is at the bottom of the water tank? Why are they there? Did they sink or float?* Add any new information to the table.

Introduce the Picture Dictionary

- Ask the students to turn to the picture dictionary.

Read and discuss the labels. Ask the students to predict which things from the photo dictionary will float or sink. Add any new information to the table.

Take a Photo Walk

- Pages 4–5: Invite the students to look at these pages and discuss the illustrations. Have them predict which things will float or sink. Add any new information to the table.
- Pages 6–7: Invite the students to discuss the items in the water. *What are they made of? What are they doing? Why might they be doing that?*
- Pages 8–9: Invite the students to discuss the items in the water. *What are they made of? What are they doing? Why might they be doing that?* Read and discuss the labels.
- Pages 10–11: Ask the students to look at the balls in the water. *What are the balls doing? Why might they be doing that? What is the difference between the two balls? What might help them float?*
- Pages 12–13: Ask the students to look at this photo and discuss what they see. *What are the things in the water? What are they made of? What are they doing? Why?*
- Pages 14–15: Ask the students to look at this photo and discuss what they see. *What are the things in the water? What are they made of? What are they doing? Why?* Read and discuss the labels.

Read the Book

- Ask the students to return to the title and read it independently.