Make a Foil Boat Float

Pre-K-Grade 2 | Engineering | Water investigation | Ink-Saver B&W

Learner: _____ Date: _____

With a grown-up, shape a small sheet of foil into a boat and place it in shallow water. Predict, test, and change the shape. Adults handle torn foil and spills.

PREDICT

DRAW OR POINT

SHAPE FOIL

DRAW OR POINT

RAISE THE SIDES

DRAW OR POINT

PLACE ON WATER

DRAW OR POINT

WATCH

DRAW OR POINT

CHANGE AND RETEST

DRAW OR POINT

Grown-up check: A wide boat shape with raised sides can hold air and displace water, helping it float. Crumpled or leaky shapes may sink. Results vary; changing the design is part of engineering.

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