# Stage 1 STEM Incursion

## Who Sank the Boat

### Outcomes

**ST1-6MW-S**

Identifies that materials can be changed or combined.

**ST1-7MW-T**

Describeshow the properties of materials determine their use.

**ST1-9PW-ST**

Investigateshow forces and energy are used in products.

### Inquiry questions

How do the properties of materials determine their use?

What changes occur when materials are combined?

How are forces used for a purpose?

### Incursion description

Incursion workshop runs for 1 hour.

Group reading of the picture book Who Sank the Boat by Pamela Allen.

Discuss what happened in the story and why things happened.

In small groups test a variety of containers to find the best boat.

Identify characteristics of a ‘good’ boat.

Design and make a boat to hold a minimum of five animals.

Re-enact the story with students as characters.