

# Brownies choose your own adventure!

## Session 5

### Innovate Stage 2 skill builder



Land ahoy! Try out different sails to get your boat to travel as far as you can. Will it be plain sailing or a shipwreck? Air and wind can be powerful, they help aeroplane fly, cars and sailboats to travel.

#### What you need:

- Paper and pencils
- Scissors and measuring tape
- A straw, a sponge and a cocktail stick
- Bowl of water/ shiny table or paddling pool for testing



- Make your own boat! Poke a cocktail stick into the sponge to make a mast. Make a sail for the boat out of paper. Think about the size and shape of the sail and how to attach it.
- Using a straw, blow your boat once. How far did your boat go? Try it three times and find your average by adding them together and dividing by 3.
- Think about how you could change your sail to make it go further. Sails that can 'catch' more air will travel best. Try again with a different type of sail. Which was better? Why do you think this was?
- Finally, use your measuring tape to do a different experiment, how far can a paper aeroplane travel? Or what happens if you change the surface or type of boat?

Link to programme:

Made to measure

Aviation (page 70 of brownie badge book, Have Adventures)

## Get outside with Sfida!

Here are some cold and icy ideas to help you have fun outside this month. Find more in LaSERs "Growing up Wild" Pawprint Badges

<https://www.girlguidinglaser.org.uk/challenges/in-snow-and-ice>

When it's below 0° blow bubbles, wait while it freezes!

<https://www.youtube.com/watch?reload=9&v=Kil3Pqvs8-U>

Make a fat ball or bird feeder for the birds to find food in the winter.



Draw a picture in the frost



Look out for the birds you have provided for in the great RSPB birdwatch!

<https://www.rspb.org.uk/get-involved/activities/birdwatch/>