

# BUILD A MINI-RAFT

1.5  
hrs



We love raft building at Plas Gwynant. It takes all kinds of skills for a group to work together to design and build it... and then there's the excitement of launching it onto the water with your friends aboard to see if it floats!

You can recreate that at home. Here's how to build a mini-raft and have a microadventure with your favourite teddy, action figure, doll or Lego character.

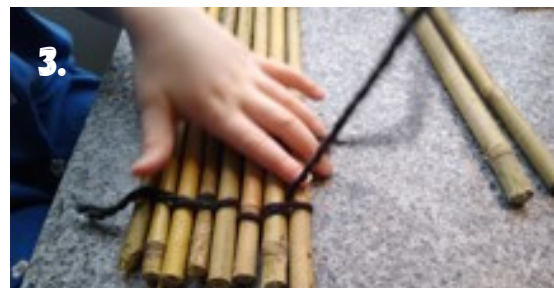
## HOW TO BUILD YOUR RAFT

1. Go for a walk and collect some sticks all roughly the same length
2. Tie your string around one stick
3. Wrap the thread around each stick and tie it off at the end, keeping it tight.
4. Do the same for both ends of the sticks.
5. Using short bits of string, tie the cross pieces threading around the string below.
6. Almost there - it should now look a bit like pic. 6
7. Flip your raft over and add a mast - you might need Sellotape to help you. Get creative and decorate the flag!
8. Go for a raft in the bath! If you're outside, be careful and have an adult with you.

## FANCY AN EXTRA CHALLENGE?

- How much weight could your raft hold? Why not test it until it sinks!
- Could you adapt your design so that it holds more weight? For example, could you incorporate plastic bottles to make it float better?
- Recycling - can you make a raft entirely out of recycled household materials?
- Power your raft - with a bit of research you could add a sail that works, or use an elastic band to power a propeller!

Share yours at [#SRESatHome](https://twitter.com/SRESatHome)



## YOU WILL NEED:

- 15 sticks
- string or wool
- scissors
- Sellotape
- paper & colouring pens

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