

## DIY

1. Show how to use and take care of tools safely
  - a. Do this for a selection of different tools, like a hammer, saw, screwdriver, drill, or glue gun
  - b. You could make a video, poster, or leaflet
2. Learn how to work safely on your projects, especially when you're using electric tools
  - a. Create a poster which could be displayed to tell people how to stay safe
  - b. You could make a video to tell people about both (1) and (2)
3. Learn what the difference is between hard wood, soft wood, chipboard, plywood and MDF
  - a. For each of them, find out what they're best used for
  - b. Quiz!
4. Help design and make something useful (with adult supervision!), show that you are able to:
  - a. Measure accurately
  - b. Saw
  - c. Join pieces of wood together in 2 different ways
  - d. Use a hammer, screwdriver and drill
  - e. Prepare surfaces and stain, varnish, or paint

Quiz: <https://forms.gle/Y4rC7c6K6brR49i37>

Enjoy!

Send any work that you do for this badge to [14thbroadstairs+cubs@gmail.com](mailto:14thbroadstairs+cubs@gmail.com)

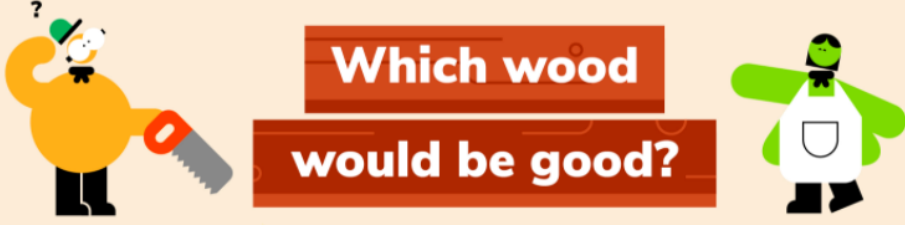
Any questions, use the same email address, or for parents; post in Facebook, or message a leader.

There are some extra activities which you could do on the next page!

## Activities

### Which Wood Would Be Good?

Use the table below to help you with the quiz!



	Hard wood	Soft wood	Plywood	Chipboard	MDF
Manmade or natural?	Natural	Natural	Manmade	Manmade	Manmade
Does it have a grain?	Yes	Yes	Yes (Multiple)	No	No
Can it get wet?	Yes	Yes	Yes	No	No
Is it dense?	Yes	No	No	No	Yes
Does it come in sheets?	No	No	Yes	Yes	Yes
Is it smooth?	Yes	Yes	Yes	No	Yes