

Year 4 – Waterproof Roof
Materials



Key Vocabulary and information

Roof	The top of a shelter that protects against the natural elements.
Waterproof	A material that stops water getting in.
Natural materials	Materials that are from the Earth and not man made.

Design brief:

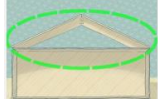
- Cut materials accurately and safely by selecting appropriate tools.
- Measure and mark out to the nearest millimetre.
- Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (such as slots or cut outs).
- Select appropriate joining techniques.

Pick a box to use. Use one slightly larger than a shoe box if you have one.

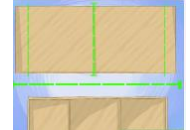


Place one of the open ends on the bottom. You can close the flaps or cut them off, depending on what you want.

Create the roof structure. Cut flat lines on two opposite sides. On the other two sides, go up to a point in the middle, like a roof. Basically, you're creating a triangle shape on top of a rectangle or square shape.



Cut out the roof. The roof should be a single piece of cardboard large enough to reach over the edges of the roof space. Bend it in half so it rests correctly over the roof angle.



Cut out the doors and windows. Use a pencil to draw where you want doors and windows. Use a craft knife or scissors to cut them out. For the doors, leave one edge uncut, so you have a door that opens and shuts.



Glue the roof on. Think about what materials you will need to use! Use hot glue to glue the roof in place. Trace the glue along the top edges of the cardboard, and then set the roof in place.

Internet Resources:

- <http://dSPACE.dial.pipex.com/ctf/facts/people.htm>
- [www.rainforestfoundationuk.org/PDFs/Rainforest People Colouring.pdf](http://www.rainforestfoundationuk.org/PDFs/Rainforest%20People%20Colouring.pdf)
- www.rainforestfoundationuk.org
- www.rainforestheroes.com/kidscorner/protect/s07_indigenous.html
- <http://library.thinkquest.org/CRO213484/people.htm>
- <http://rainforests.mongabay.com/0702.htm>

Different types of houses

