

Year 2:

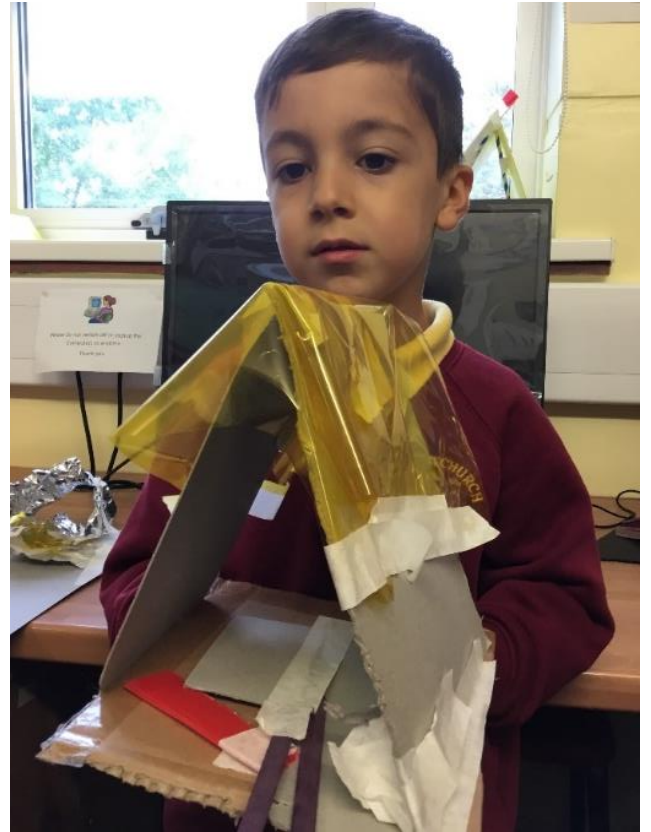
Autumn 1 - Den building

Curriculum links:

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Generate, develop, model and communicate ideas through talking, drawing, templates, mock-ups
- Select from and use a range of tools and equipment to perform practical tasks
- Explore and evaluate existing products
- Evaluate their ideas and products against design criteria
- Build structures, exploring how they can be made stronger, stiffer and more stable

Following their trip to Avon Heath the children in Year 2 designed and made their own dens. They drew and labelled their den design, building on their scientific knowledge of materials to decide what they were going to use to make their den. They then made their den, carefully choosing the tools required and deciding how best to join their materials together. Having built their dens they then evaluated their design and end product thinking about how they could have made their structures stronger. Look at these super designs!







NC: 04.10.21 - 10 - D&T focus - To select and use a wide range of materials and components.

Super design.

Please can you build me a shelter?

Materials I will use
 Card
 Plastic
 Wood

Why?
 Card is strong! Plastic is water proof and wood is plastic is flexible and wood is water proof. **Great explanation.**

My design

use of a wide range of materials and components.

Super evaluation!

Can you build me a shelter?

Evaluate

Are you happy with your shelter? 😊 😐 ☹️

Why? **because it's water proof. I like it cause it looks like a tent.**

Which materials did you use to make your shelter?

Walls card Roof card

Windows no windows Floor card board

Door no door

Improve

How could you improve your shelter?
By adding windows and a door.

Which materials would you use next time for each part? Why?

Walls card Roof card board

Windows card board Floor tin foil

Door card board