

Year 1



Knowledge Organiser: D&T

Inquiry Question: How are homes/ playgrounds built?

Key Vocabulary

Design	Make	Evaluate
Structure	Support	Materials
Stiff	Strong	Stable

Key Learning

Build structures, exploring how they can be made stronger, stiffer and more stable.

Use words and pictures to describe what she/ he wants to do.

Skills

<i>Design</i>	<i>Make</i>	<i>Evaluate</i>
Design appealing products for a particular user based on simple design criteria.	Select and use simple tools and equipment to perform a job e.g. cut, shape and join paper and card.	Explore and evaluate a range of products to determine the intended user's preferences for the product.
Generate initial ideas and design criteria through own experiences.	Select from a range of materials according to their characteristics to create a chosen product.	Evaluate their ideas throughout and finished products against design criteria, including intended user and purpose.
Develop and communicate these ideas through talk and drawings and mock ups.		

In Reception, you learnt how to;

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share your creations, explaining the process you have used.

Overview - Structures

Structures are things that are built for a purpose.

Structures can be large (e.g. buildings and bridges) or small (e.g. chairs and tables).



A structure is...

Structures can be made stable by...

I am going to make/ use... I need...

My drawing shows...

My structure works/ doesn't work because...

Next time I would...

