

Y1

Design and Technology

Structures

Activity: Children designed and made a castle. They used their skills to join materials together to make it strong and stable. They evaluated their designs.

Yaren
WALT - make your imaginary castle

My castle is a underwater castle

What materials will you need to build your castle?
Make a list.

box
paiper
paint
taip

gloo
strors

What equipment will you need to build your castle?
Make a list.

Sizurs
pen

Evaluation (What went well? Which parts were tricky?)
It was easier working in a team. It was tricky to tape the tubes to the top of the castle.

Design

- design purposeful, functional, appealing products for themselves and other users based on design criteria
- generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

Make

- select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

Evaluate

- explore and evaluate a range of existing products
- evaluate their ideas and products against design criteria

Technical knowledge

- build structures, exploring how they can be made stronger, stiffer and more stable



Key vocabulary: strong, stable,