

Year 2 - Autumn

DT Knowledge Organiser

Topic:

Structures- Making baby bear's chair

Links to other year groups: Year 5 investigating structures-bridges

Key Vocabulary:

Function - how something works
prototype
construct
evaluate
structure
template
components
annotate
Criteria

Manmade - made by people

Natural - found in nature

Stable - does not easily topple over

Stiff - a material or object that does not bend easily

Strong - something that is not easily broken

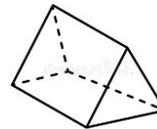
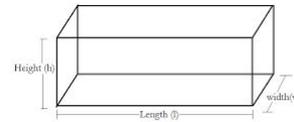
Test - to find out something works as it should

Weak - something that is broken easily

Real World Examples



Constructional Diagrams & Key Info:



Cuboid, triangular prism, cylinder

Skills

Making a structure according to design criteria.
Creating joints and structures from paper/card and tape.
Building a strong and stiff structure by folding paper.
Testing the strength of own structure.
Identifying the weakest part of a structure.
Evaluating the strength, stiffness and stability of own structure.