

DT Year 1 - Structures



INTENT

This half terms unit will link to the children's geography work on 'Wonderful Weather' In this unit, the children will be using a range of everyday materials/objects to design, make and evaluate their own weather instrument. There will be lots of opportunity for children to learn a range of cutting and shaping techniques and apply these within their designs. If appropriate, they may explore how to use drills safely and effectively.

Disciplinary Knowledge <i>How have experts expressed quality and value throughout history?</i>	I can design products that have a clear purpose and an intended user.
Substantive Knowledge (Practical) <i>Methods, techniques, media, materials.</i>	- I can cut materials safely using tools provided. - I can demonstrate a range of cutting and shaping techniques (such as tearing, cutting, folding and curling). - I can use materials to practise drilling, screwing, gluing and nailing materials to make and strengthen products.

Vocabulary

structure materials cutting shaping
tools drilling nailing screwing strengthen
tearing cutting folding curling