

YEAR 3/4  
SUMMER

# Design Technology

## STRUCTURES



### WHAT SHOULD I ALREADY KNOW?

- How to join material together using glue or tape.
- Beginning to know how to strengthen materials.
- How to fold, tear and cut paper to reach a desired look.

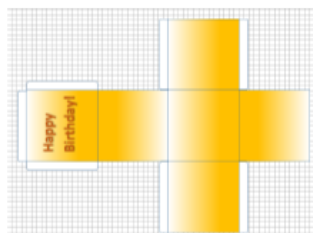
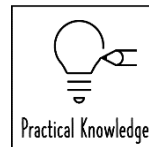
### STICKY KNOWLEDGE

- How to use computer aided design to create a net.
- How to apply understanding of how to strengthen structures.
- How to evaluate their product using appropriate tests.

### VOCABULARY

CAD	Computer aided design
Net	The flat or opened out shape of an object such as a box.
Shell Structure	A hollow structure with a thin outer covering.
Three Dimensional	A 3D object appears to have length, depth and breadth.

### WEAVING CONCEPTS



Card corners  
These can be used to strengthen the structure. Triangles are often used in construction as they help with stability and strength.

