

# Year 1 Term 5 DT - Structures



**Curriculum Key Question:** How can I look after myself and others?

**Topic:** Who Built That?

## What should I already know?

Experience of using construction kits to build walls, towers and frameworks

Experience of using basic tools e.g. scissors with construction materials e.g. plastic, card

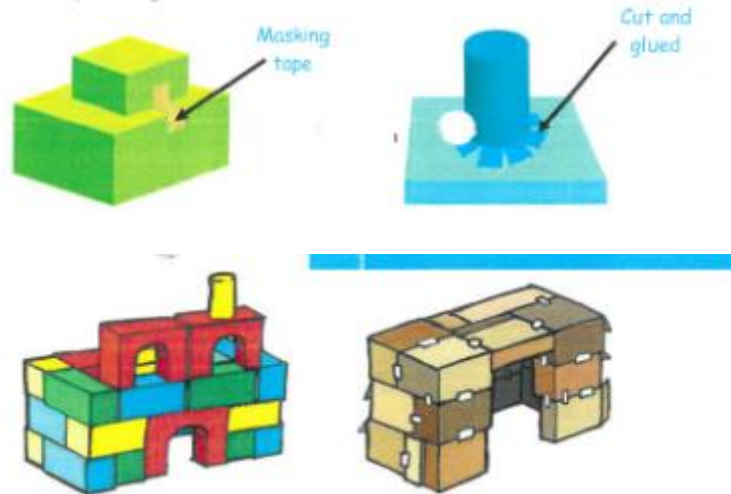
## Skills I will develop:

- Generate initial ideas and simple design criteria through talking and using own experiences
- Develop and communicate ideas through drawings and mock-ups
- Make design using appropriate techniques
- With support, measure, mark out, cut, and shape a range of materials
- Use tools e.g., scissors safely
- Assemble, join, and combine materials together using glue/masking tape

## Techniques for assembling freestanding structures



Show children how to join sheet materials and reclaimed boxes together using different tapes and glues.



## Key Vocabulary ( including definition)

**Freestanding structure** - a structure that stands on its own foundation or base without attachment to anything else.

**Frame structure** - a structure made from thin components e.g. tent frame.

**Stability** - in relation to a freestanding structure, the extent to which it is likely to fall over if a force is applied.

**Mock-up** - 3-D representation of a product.

