

What should I already know:

Year 1:

- I should know how to join and combine materials.
- I should know how to make structures from Lego, etc.
- I should know how to use scissors, glue and tape to join materials.

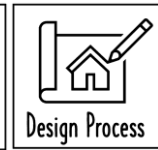
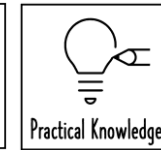
Year 2:

- I should be able to use my own ideas to make something.
- I should be able to make my model stronger.
- I should be able to make a simple plan before making.
- I should be able to choose appropriate resources and tools.

Key Vocabulary	
Structures	A building or other object constructed by several parts.
Freestanding	A structure that can stand on its own without support.
Support	To hold up or serve as a foundation or prop for.
Rigid	Difficult or impossible to bend.
Stable	Fixed, firm or steady in position; not shaky or easily moved.
Construct	Build by putting together different parts.



WEAVING CONCEPTS



What will I learn?

- I will learn how to design and make a freestanding tent for a lego person.
- I will learn that structures are things that are built for a purpose.
- I will learn that structures can be large (buildings and bridges) or small (chairs and tables).
- I will learn that freestanding structures are structures that can stand up without being attached to something else.
- I will learn that freestanding structures need to support their own weight and also the weight of the things/ people using them.

Year 1 and 2
Summer block
Cycle B

Moor First Design and Technology
Knowledge Organiser
Topic Covered: Structures



Health and Safety

-Remove any jewellery and tie back long hair.

-Walk safely and calmly around the classroom.

-Follow the teacher's cutting instructions carefully.

-If you need to move around with scissors, hold around the closed blades, facing down.

-Report any accidents & clean up properly after yourself.