

Grange Park Primary School Year 1 Autumn 2 Design and Technology

Freestanding Structures: A chair for Ted the Teddy

Key People and Events

3600 BC	The Megalithic Temples of Malta are considered to be the oldest freestanding structures on Earth.
3100 BC	The first chairs have been in existence since the Early Dynastic Period of Egypt.
1887	One well known freestanding structure in Europe is the Eiffel tower in Paris, standing at 324 meters.
2004	The Burj Khalifa in Dubai is the world's tallest freestanding structure. The skyscraper stands at 830m tall.
1955	Charles Eames was an American designer and architect responsible for some of the most celebrated furniture design of the 20th century, including the famous lounge chair designed in 1955.
1963	Danish furniture designer Grete Jalk has been called the woman who revolutionised Scandinavian design. Her two piece moulded plywood chair is her most famous design.

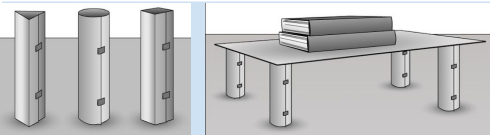


Key Knowledge and Skills

Identify freestanding structures



Explore the strength and stability of a structure



Cut materials



Join/fix objects



Key Vocabulary

structure	Something that has been made and put together and can usually stand on its own.
framework	An essential supporting structure of a building, vehicle or object.
base	The lowest part of something, the part on which it rests or is supported.
weak	Something that is easily broken.
strong	Something that is not easily broken.
join	Link or connect objects together.
support	Hold all or part of the weight of something.
stable	Object does not easily topple over.
fix	Fasten something securely in a particular place or position.
freestanding	Not attached to or supported by another structure.
surface	The outside part of something.
material	What an object is made from.

