

Design and Technology

Year 7 Topic - Structures



Sequence		Learning Aims
1	Cultural Influences	Understand how a variety of cultural influences have influenced design through history.
2	Sustainable Design	Learn how to use the design process as a method of problem solving when working in teams.
3	Sustainable Design	Learn how to develop an idea by analysing and reflecting on feedback from others.
4	Bridge That Gap!	Learn how engineers add strength to structures.
5	Phone Stand	Learn how to mark, cut, and shape timber based materials.
6	Phone Stand	Learn how to prepare for and apply surface finishes to timber based materials.
7	Laser Cut Keyring	Learn how to draw and prepare designs for CNC output.
8	3D Lego Brick	Learn how to accurately draw individual parts using digital tools.
9	Micro:Bit Guitar	Learn how to use programming to generate physical outputs.