



Helmshore Primary School

Design and Technology

Autumn 1

DT Year 5 Knowledge Organiser

Main Learning: Structures

Key knowledge
Design a European landmark structure from recycled materials
Research major European landmarks and decide on a suitable one for copying
Create an initial design to discuss with the group and agree on the way forwards
Gather suitable recycled materials to use as part of the project
Use a range of joining methods to link the materials together
Know how to evaluate your structure by reflecting on what went well and what could be improved

Vocabulary	
recycle	To use again and not throw away.
Eiffel Tower	A famous structure in Paris, France that is known for its design.
hand drill	A tool, held by hand, used to make holes in different materials.
hacksaw	A small saw used for cutting different materials such as plastic.
triangular corners	Usually made of stiff card or balsa wood to help make a strong corner in a model.
masking tape	An adhesive tape often used when painting windows as the tape is easily removed after applying to a surface such as glass.

