

Key Vocabulary

Building	A structure with a roof and walls eg. House or factory or school
Architect	A person who designs buildings and often supervises the build
Material	The matter from which a thing is or can be made
Woodwork	The wooden parts of a room or building eg. Window frames
Model	A 3D representation of a person or thing or of a proposed structure typical on a smaller scale than the original
Design	A plan or drawing produced to show the look and function or workings of a building or garment or other object before its made
Structure	The arrangement of and relations between the parts or elements of something complex
Drafters	They make detailed scale drawings to be used in construction
Engineer	A person who designs, builds or maintains engines, machines or structure
Configure	Arrange or put together
Layout	The way parts of something are arranged
household	A house and its occupants regarded as a unit
Concrete	Concrete is a key building material in houses

Architect



Model



Layout



Woodwork



Design



Engineer



Key Knowledge

Zaha Hadid	Who?	Female Architect
	Where?	Born in Baghdad Iraq moved to Beirut and London
	When ?	1950 - 2016
Richard Rogers	Who?	London based Architect
	Where?	London and rest of world
	When ?	1933 - 2020

Know how to:

Cut and join materials accurately and safely by selecting appropriate materials.

Revisit drilling, screwing, gluing, sawing and nailing materials.

Measure and mark out to the nearest centimetre and millimetre.

Use a variety of woods (sticks, tooth pick, skewers) for various parts of the build.

Apply appropriate cutting and shaping techniques that include cuts within slots or cut outs.

Zaha Hadid



Aquatic Centre (Hadid design)



Richard Rogers



Pompidou centre Paris



Final Outcome: To create a scale model of a revolutionary design for a school using wood as base material.