Upper Key Stage 2
Design and Technology – How wet will you get?

Key Vocabulary

functionality, innovative, design specification, design brief, design decisions, user, purpose, design brief, design, specification, prototype, annotated sketch, purpose, innovation, research, functional, mock-up, prototype, sequential, diagram, modify, frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, weight bearing, structures, freestanding, horizontal, diagonal, vertical, tension, tie, struts, modelling

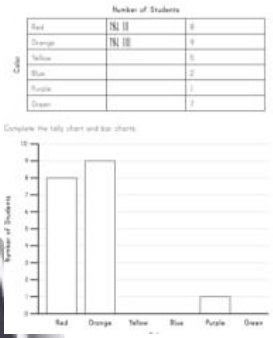
Entry Point
Can say why triangles are using in construction and give examples?

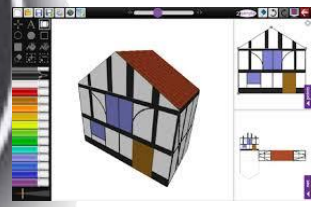
Lesson 1
Can I explore new and innovative materials used in construction? (3D printed homes, recycled materials etc)

Lesson 2
Can I measure, saw, sand and join wood accurately using tools?

Lesson 3
Can I explore a variety of eco-friendly materials for my shelter?

Lesson 4
Can I gather market research to inform my design?





Lesson 5
Can I use Purple Mash to design my shelter?

Exit Point (Lesson 5)
Can I make and evaluate a shelter including a wooden frame and recycled materials?