

Y4, Autumn 1: How can you get to the other side?

Objective		Activities (that will show visible progress towards the milestone)
Essential learning objective	Milestone indicators	
Science Materials	Examine the properties of materials using fair testing.	Explore what things are made of in the classroom and what their physical properties are. Using the basic principles of fair testing, test the durability of different materials under increasing weight. Examine and evaluate our results to draw conclusions of the durability of different materials.
Art	Learn about the great artists, architects and designers in history.	Replicate one of Isambard's designs in different formats using: <ul style="list-style-type: none"> • Purple Mash • Sketching • Painting
DT	Design, make, evaluate.	Research and develop design criteria to inform the design. Using spaghetti and marshmallows make a bridge that can hold the most weight. Generate, develop and model a group design of a bridge. Use a range of tools and equipment to perform practical task of building bridge. Apply understanding of how to strengthen, stiffen and reinforce structures. Evaluate what worked well and why.
History	A local history study.	Create a timeline overview of Sheffield through the ages.
French	Speak, read and write.	Explore greetings and simple conversation through drama games. 1, 2, 3: "1. Bonjour, ca va? 2. Je vais bien, et toi? 3. Je Vais bien"
Geography	Key aspects of Sheffield's physical and human geography	Describe and understand key aspects of: physical geography, including: mountains, the water cycle and human geography, including: settlements, land use, economic activity including trade.
RE	Buddhism	Present the key teachings and beliefs of a religion. Refer to religious figures and holy books to explain answers. Identify religious artefacts and explain how and why they are used. Describe religious buildings and explain how they are used. Explain some of the religious practices of both clerics and individuals.
PE	Gymnastics	See separate plan.
Music	Violin or Ukulele	'The Hub'
Computing		See VH – separate planning.