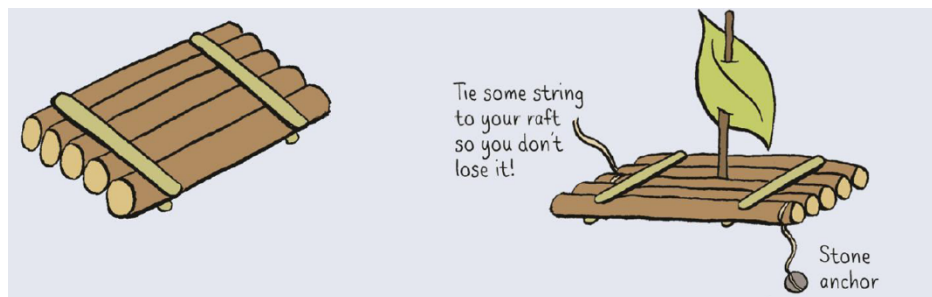


Design and Technology knowledge organiser

Autumn 1	Design and build a raft	Skill: Analyse and evaluate
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<u>Vocabulary</u>	
Engineering	The use of scientific ideas to build machines or structures.
Raft	A flat structure made of timber or other materials, fastened together, used as a boat or floating platform.
Evaluate	The form an idea/assess about how something has gone.
Analyse	To examine/look closely at something.
Era	A long period of history.
Vessel	A ship or large boat.
Buoyant	Able to stay afloat.

<u>Key knowledge</u>
Engineering made big advances in the 1900s.
The raft was the simplest type of watercraft invented which was made by fastening objects together.
The first raft is thought to have been made around 800, 000 using bamboo.
Wooden rafts eventually progressed to rubber rafts - created in 1842.
Wooden rafts progressed to boats overtime.

What skills will I use?

- I will use my research skills and organise the information I discover.
- I will order information chronologically.
- I will investigate and analyse a range of existing products.
- I will use my sketch books to record my observations.
- I will improve my mastery of art and design techniques, including drawing and painting with a range of materials [for example, pencil, charcoal, paint].

