

Year 4 Autumn Term: Greek Triremes- Floating Structures

Main Theme: Local

PSHE Link: Pride

Key Skill –Structures - Shell Structures

Prior Learning

Links to prior learning – Year 2 – To design and make a toy fire engine



Key Vocabulary

Edge – where two surfaces meet at an angle.

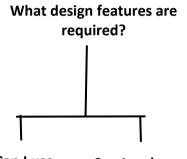
Net – the flat or opened-out shape of an object such as a box.

Recyclable- an item which can be used again.

Shell structure – a hollow structure with a thin outer covering.

Enquiry Questions

What features are required to fit the design brief of creating a floating waterproof structure? Can I design my Can I research own floating and investigate waterproof different structure by floating considering structures? different materials?



Can I use Can I make sure materials to my floating ensure it is structure is strong? waterproof?

What additional details and skills can be used to finish my product?



Can I use equipment safely?

Can I evaluate my floating structure again my design brief?

