

Vocabulary	Definition
template	A shaped piece of rigid material used as a pattern for shaping, cutting out or drilling
prototype	A first or preliminary version of a device or vehicle from which other forms are developed
structure	The parts fitted together to comprise a building or other object e.g. ship, aircraft etc.
functional	Designed to be practical or useful rather than attractive
aesthetic	Concerned with the beauty or appearance of something
hull	The main body of a ship or other vessel, including the bottom, sides and deck
stern	The rear of a ship
bow	The front of a ship
mast	A long pole rising from the deck and supporting the yards, booms and rigging

# Year 6 D.T, Term 4: Model Ships



## Skills used:

- Use research into ship design and inventors to inform the design of their own product
- Generate, develop, model and communicate his/her ideas through discussion, annotated sketches and prototypes
- Use a range of methods to strengthen, stiffen and reinforce complex structures and use them accurately and appropriately
- Apply knowledge of materials and techniques to refine and rework the product to improve its functional properties and aesthetic qualities
- Use technical knowledge accurate skills to problem solve during the making process

## Key Knowledge:

Many aspects of ship building in the 18th century had stayed the same for hundreds of years. **The ships were still made of oak and were very strong.** About 2000 trees were needed to build one warship. The planks of the ship were fixed edge-to-edge with wooden pegs called treenails.

The era known as the Age of Exploration, sometimes called the Age of Discovery, officially began in the early 15th century and lasted through the 17th century. The period is characterized as a time when Europeans began exploring the world by sea in search of new trading routes, wealth, and knowledge. The impact of the Age of Exploration would permanently alter the world and transform geography into the modern science it is today.