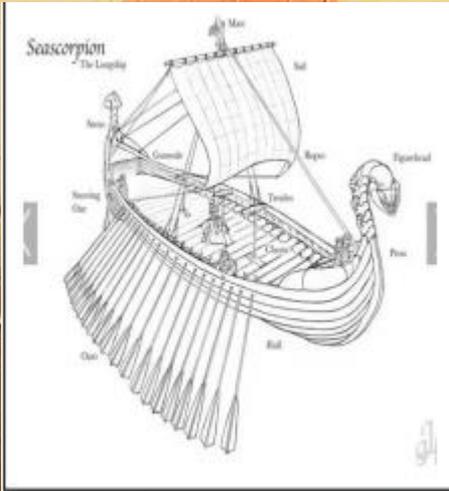


# Year 5 - DT Knowledge Organiser - Electrical Systems (Moving boat scene)



We will learn how to:

- incorporate a switch into a product
- confidently use a number of components in a circuit
- begin to program a computer to monitor changes in environment and control products
- clearly explain how parts of a product will work
- model and refine design ideas
- use computer aided design
- refine products after testing

Design

Make

Evaluate

# Key Vocabulary

Circuit	A circuit is a complete path around which electricity can flow
Computer aided design	The use of a computer to aid in creation or design.
Design	To use existing products to plan, draw and label our own diagrams for what we are going to make.
Design Criteria	A set of targets that an end product must meet to be successful.
Evaluate	To say what was successful and what we could improve in our products.
Research	To find ideas that will help you with your own design.
Switch	Switches are used to control circuits
User	The intended audience or person that the product is for.

## changing circuits

