



GEOGRAPHY: LOCATION

Droitwich Canal Network flows through Droitwich and links Worcester, Droitwich and Birmingham.

Suez Canal is an artificial waterway in Egypt connecting the Mediterranean and the Red Sea.

GEOGRAPHY HUMAN AND PHYSICAL

A river is a large amount of fresh water flowing continuously in a long line across the land. (Physical Feature)



A canal is a human-made waterway that allows boats and ships to pass from one body of water to another (Human feature)

GEOGRAPHY: FIELDWORK



Droitwich Basin is a key feature of the local Droitwich canal system.

We will study maps of the local area that will include features such as landmarks, human and physical features.

HISTORY: HISTORICAL SIGNIFICANCE

The Industrial Revolution (1760-1840) - a time when machinery took the place of men and women in the world of industry.

Canals were used to transport heavy goods across the country, until the railways became more popular.



GEOGRAPHY: ENQUIRY

In the past, canals were used to transport goods around the country from city to city.

Today, canals are also used for leisure activities and holidays.

Men and women had specific roles in the past on the canal barges. Today, everyone uses the canal for leisure, industry and tourism.



DESIGN AND TECHNOLOGY: PROTOTYPE AND DESIGN

Cam toys use hand-powered mechanisms to create motions that animate a scene. You can design and



create cam toy machines with moving objects/characters that demonstrate different scenes and/or represent specific situations. The simple mechanisms are very easy to study and understand, and can be evaluated throughout the design and creating process.

DESIGN AND TECHNOLOGY: Health and Safety

- A hazard is: **a potential source of harm or adverse health effect on a person or persons.**
- A risk is: **the chance or probability that a person will be harmed if exposed to a hazard.**



Safety rules are: wear an apron, remove lanyards, tie long hair back, report accidents, watch demonstrations carefully

CAREERS

An engineer is a person who designs and builds complex products, machines, systems, or structures. Engineers want to know how and why things work.



They have scientific training that they use to make practical things. Engineers often specialise in a specific branch of engineering – such as civil, mechanical, electrical, chemical and industrial.

ART : INSPIRATIONAL PEOPLE

David Hockney was born in

Bradford, Yorkshire 1937. He has a career in print making, iPad art,



photography and paint. Hockney was one of the big artists involved in the pop art movement in the 1960s. Pop art was a style of art that was bright and full of colour.

ART : MEDIA AND TECHNIQUES

Wax resists include drawing or colouring over the area you want to stay white using a white wax crayon. When you cover the paper in paint, the wax in the crayon will resist the watercolour paint and stop it from covering that part of the paper.

Canal folk Art uses enamel paints in the following colours: dark red; bright red; black; light green; orange; yellow.



* **Industrial Revolution** — a time when the manufacturing of goods moved from small shops and homes to large factories. This shift brought about changes in culture as people moved from rural areas to big cities in order to work.

Technology — refers to methods, systems, and devices which are the result of scientific knowledge being used for practical purposes.

* **Canal network** — A network of waterways is a large number of them which cross each other or meet at many points.

Cargo — The cargo of a ship or plane is the goods that it is carrying.

Lock — Canal locks are the way in which canals can go up and over hills by altering the level of water of the canal.

* **Engineer** — a person who uses scientific knowledge to design, construct, and maintain engines and machines or structures such as roads, railways, and bridges.

* **Narrow Boats** — A narrowboat is a particular type of canal boat, built to fit the narrow locks of the United Kingdom.

Barges — a long flat-bottomed boat for carrying freight on canals and rivers, either under its own power or towed by another.

Leisure — the time when you are not working and you can relax and do things that you enjoy.

Industry — the work and processes involved in collecting raw materials, and making them into products in factories.

Locality — a small area of a country or city.

Tourism — the business of providing services for people on holiday, for example hotels, restaurants, and trips.

River — a large amount of fresh water flowing continuously in a long line across the land.

* **Canal** — a human-made waterway that allows boats and ships to pass from one body of water to another.

Navigator (navvy) — a labourer employed in the excavation and construction of a road, railway, or canal.

Cam Toy — a toy created with moving parts

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Aboriginal —The first people to live and originate in and from Australia.