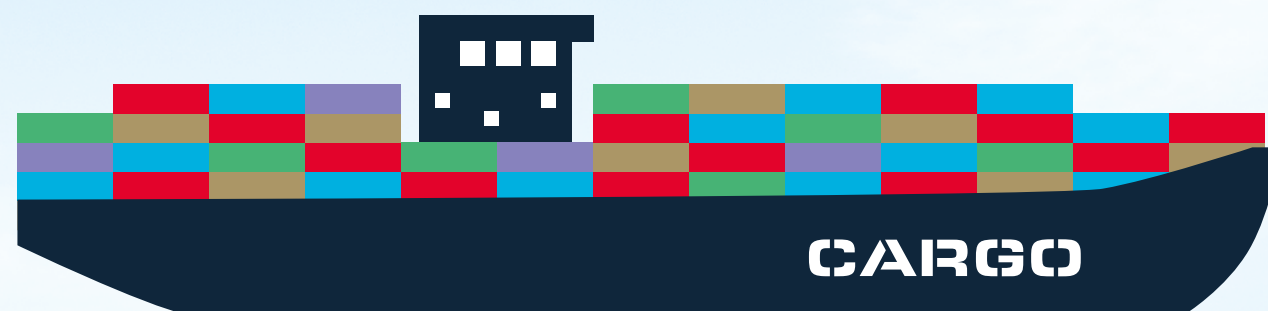




TRINITY HOUSE

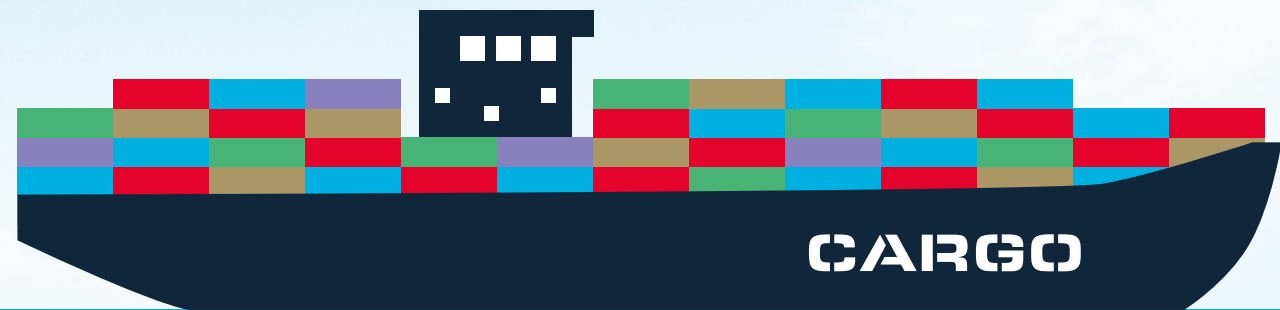
Global connections



Starter →

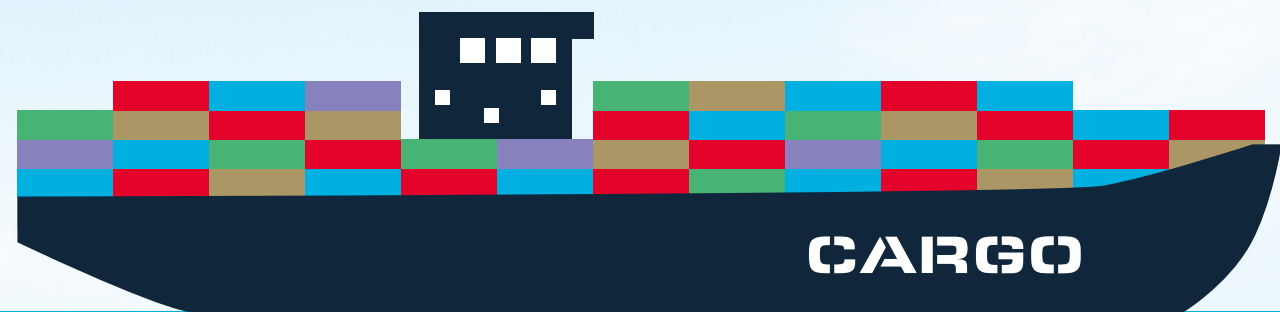
Activity 1 →

Extension →



Starter

Trading on a global scale



What does this map show?



What does this map show?



This map shows the vast scale of global shipping. The coloured lines represent the movements of ships in the global merchant ship during one year.



The total amount of goods that passed through major UK ports from March 2018 to March 2019 increased by 2% to **477.6 million tonnes**



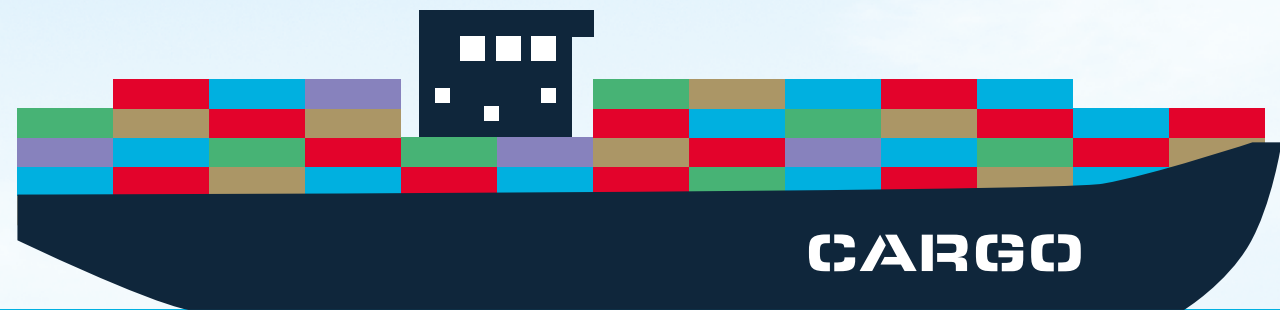
What is globalisation



Globalisation is the increasing connection between places and people across the planet, established through trade, politics and cultural exchanges, and helped by technology and transport

Activity 1

The global chain





**Why do you think
countries trade
with each other?**



Where do you think smartphones are made?



What is a phone made of?



Not all phones contain the same elements, but the below materials are some of the most common and essential in the manufacture of smartphones.

Element	Where it is used	Top producers
Iron	Speakers, microphones, frames	China, Australia and Brazil
Copper	Micro electrical components / wiring	Chile, China and Peru
Aluminium	Casing, LCD screen	China, Russia, Canada
Nickel	Batteries, microphones	Philippines, Russia and Canada
Tin	Cameras, touchscreens, solder	China, Indonesia and Myanmar
Tungsten	Vibration motors and microphones	China, Vietnam and Russia

Global companies



Transnational corporations (TNCs) or multinational corporations (MNCs) are companies that operate in more than one country

Can you think of any companies that operate in more than one country?

Examples of TNCs or MNCs



The importance of shipping



Every year, **billions of tonnes of goods** cross the world's oceans, following the main trade routes.

The most important forms of transport for trade are **tankers, bulk carriers and container ships**.

The largest of these ships now carry almost **20,000 containers**, packed with consumer goods and other materials.



**What percentage of goods
going in and out of the
UK is transported by ship?**



**95% of goods
are transported
by ship!**

The importance of shipping



Maritime transport is a vital part of the global economy.

Around 95% of all trade is carried for at least part of its journey via sea routes, on a fleet of over 50,000 ships, carrying over 8 billion tonnes of cargo every year.

The importance of shipping



As the need for the import and export of food and goods around the world increases, our shipping lanes become increasingly crowded.

The UK is an island nation and depends on trade via shipping. Because there is so much sea traffic, ships need help to navigate the waters safely.

The role of Trinity House



Trinity House is a charity that helps keep ships and seafarers safe when they travel in our waters.

It does this by providing aids to navigation to help seafarers guide their vessel to safety.

Aids to navigation



Trinity House looks after 66 lighthouses and around 450 buoys around England Wales, the Channel Islands and Gibraltar, as well as other aids to navigation.

These help ships navigate safely in our waters.

Buoys



A buoy is a highly visual object that floats in water and is used to locate or warn passing ships. Buoys are generally bright in colour so they can be seen by mariners.

Their different colours, shapes and designs are part of a visual language that tell seafarers about different safety messages, such as nearby hazards, safe routes and more.

Lightvessels



Trinity House operates a number of lightvessels. These provide a visual aid to navigation in daylight hours in the form of a large red ship and by night they provide long-range powerful light for ships in the area.

The aids to navigation provided by Trinity House assist all mariners, at all times and in all conditions.

Is globalisation a good thing?



Yes, because:

- ✓ Consumers (customers) have greater choice;
- ✓ Globalisation makes more goods and services available to more people, often at lower prices;
- ✓ A globalised world exposes people to the culture, attitudes and values of people in other countries which can help strengthen ties between nations.

Is globalisation a good thing?



No, because:

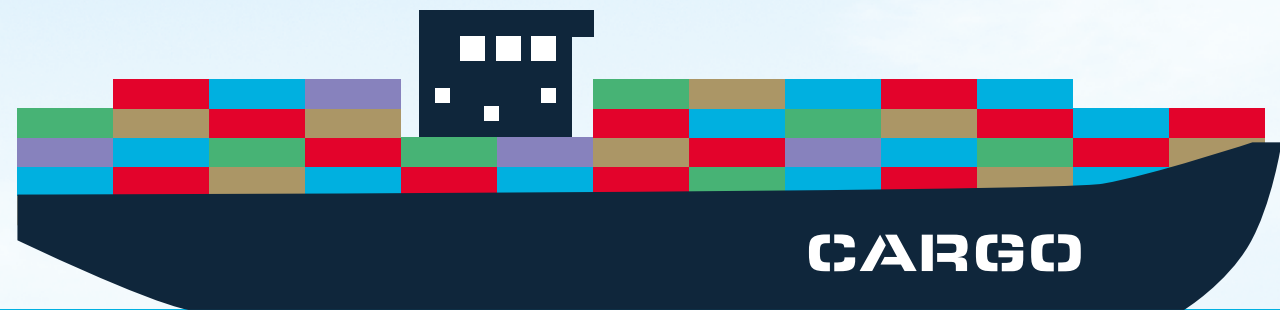
- ✓ Smaller companies find it difficult to compete with the lower prices offered by larger companies and many go out of business;
- ✓ The competition to produce things at a cheaper price can result in natural and human resources being exploited. This can result in serious damage to the environment, and often poor conditions for workers as companies try to keep costs down.



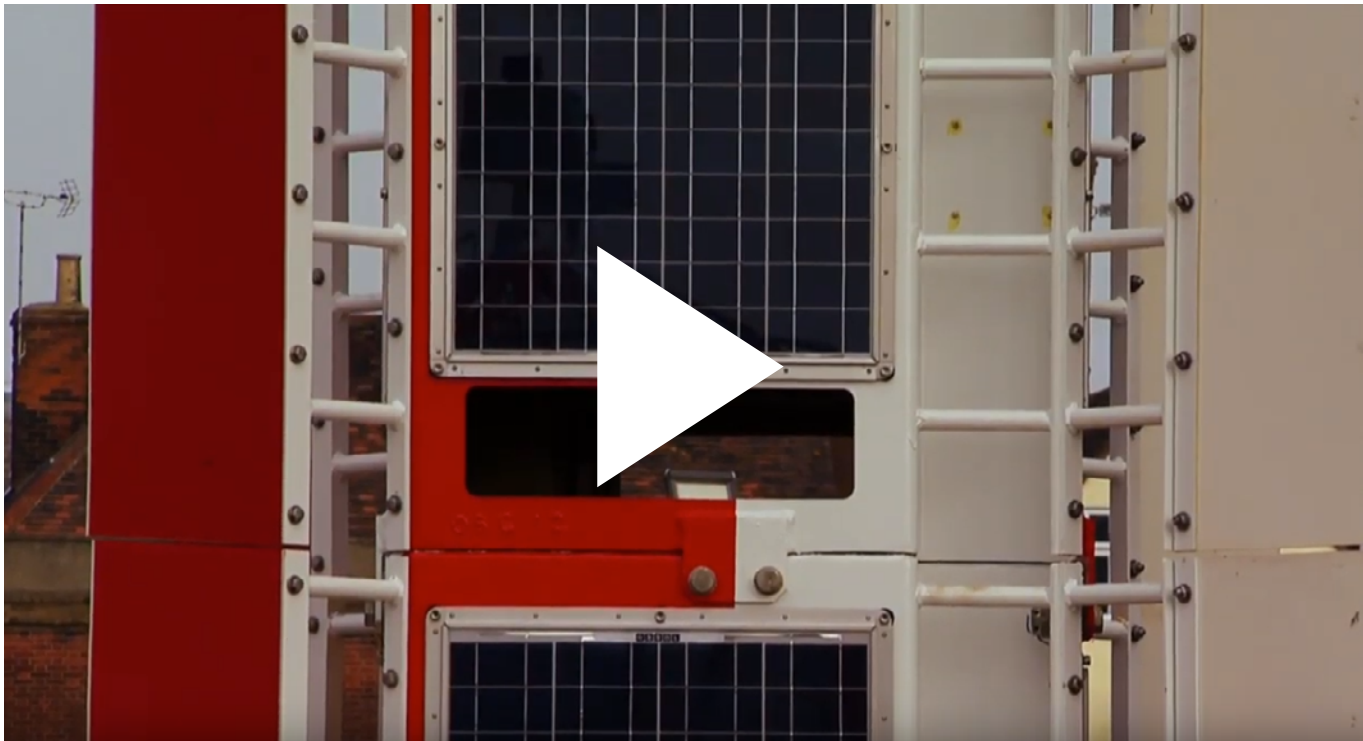
**“Globalisation
is unstoppable
and we should not
want it to stop.”**

Discuss

Extension



The environment



Carbon footprint:
The amount of carbon dioxide released into the atmosphere as a result of the activities of a particular individual, organisation or community