

Trading Places! Southampton Port's role in global trade

Student Introduction

- ▶ This activity is a study into trade between Southampton Port and other parts of the world.
- ▶ You will also look at the variety of different vessels using Southampton Water, current port facilities and the types of trade that go through Southampton docks as well as global trading routes.



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A large cargo vessel docked at Southampton's eastern docks in May 2015.

What is "Trade"?

Any ideas what this term might mean? The words in the box will help you to write your sentence...

Trade is the _____ of _____
between _____ and _____.

Movement

Goods

Producers

Consumers

Why trade?

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Why do we trade? Why does trade occur? Put the following sentences into the correct order to explain!

For example, Ghana specialises in cocoa farming because its physical geography creates the ideal conditions for the beans to grow.

The income provided by the sale (**export**) of these goods/products can be used to 'buy in' (**import**) goods which cannot be produced efficiently, if at all, by the country.

A country will specialise in activities for which it is best equipped, in terms of natural resources / technology.

In this way trade is essentially a way of balancing out what can and cannot be produced by a country and, because different countries are able to produce some goods but not others, we trade with one another to get what we need.

Surplus of goods/products grown or produced by the country can be sold (exported) to other countries who are in need of that commodity.

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How do we trade?

- » In what ways are traded goods transported between countries?
- » Work with a partner to fill in as many ideas as you can around this spider diagram... don't forget about "invisible" trade such as financial trading!



Southampton's role in world trade

Southampton is a city in the county of Hampshire on the south coast of England. There has been a settlement here since the Stone Age, and it has grown and developed since then into a major city with an estimated population of 253,651 (Office of National Statistics).

Its physical geography has enabled the development of a thriving port. Extensive flat land, ideal for development, lies alongside one of the south coast's largest and deepest *Rias* - a river valley that was flooded when sea levels rose at the end of the last ice age.



Image showing the multi-deck terminals in the eastern docks.

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Southampton Water is naturally wide, deep and fully straight allowing even the largest vessels to navigate. Curriculum relevant materials supporting school trips to the Isle of Wight

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Today, the port of Southampton is an international transport hub, operating 24 hours a day, 365 days a year.

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It is the UK's premier international maritime gateway, and everything from sailing yachts to oil tankers, ferries, cargo ships and cruise liners make their way up and down Southampton Water each day. The port handles about 14 million tonnes of cargo every year and contributes around £1 billion to the economy.

TASK

You are going to carry out an independent research activity to find out exactly what types of trade occur here by looking at the web page on the link below for Associated British Ports.



For all of the links required to complete this exercise, visit www.edudest.uk/followup and type this document's code **10727**

Alternatively, scan the QR.



Investigate each section, then complete the table on the next page.

Category	Description
Cruise	The number of cruise passengers each year... The number of cruise terminals...
RoRo	The number of vehicles handled each year... The area dedicated to vehicle storage... The number of multi-storey car parks...

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	_____ container trains each day
Dry Bulks	Size of the bulk terminal.... Goods handled....
Fresh Produce / Perishables	The _____ Fruit Terminal provides _____ sq m of cool and _____ storage with a temperature range of _____ and has deep-water berths capable of accommodating _____ ships at the same time.
Liquid Bulks	The main type of liquid bulk handled is _____, which is processed and stored and transported from Fawley oil refinery
Off-shore Wind / Renewables	Located approximately _____ miles from the two _____ around the Isle _____, Southampton offers a large _____ with _____ sea to offshore wind _____.

ON THE FERRY

Ship Spotting! Your ferry journey across to the Isle of Wight (or home again) will take you along Southampton Water and across the Solent.

This is a fantastic opportunity for you to see a wide range of different vessels, and the observations you make will enable you to gain an appreciation for the wide range of trading activities which are going through the port. There is a large table for you to complete during your crossing.

Read these instructions carefully before starting the activity.

1. There are a lot of pictures of different types of vessels on this worksheet... match each picture with its 'type' by putting the correct letter in the table. *A few have been done for you.*
2. In each category, there is also a space for you to think of any other types of vessel (that have not already been included) which you may see during your crossing.

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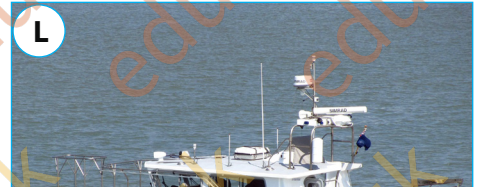
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3. During the ferry crossing, you should make a tally of the number of each different type of vessel that you see.
4. You can then use the graph template to draw a bar chart showing the number of different types of vessel that you counted on your trip.

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Category	Vessel Types	Picture Letter	Tally
Safety & Security	Police Boat		
	Harbour Patrol		
	Light Boat	T	
	?		
Passenger Transport	Ferry		
	Hovercraft		
	Cruise		
	Catamaran		
	?		
	Cargo Ship	A	
	Ships carrying goods		
	?		
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Leisure/ recreational vehicles	Jet Ski		
	Kayak		
	Speedboat		
	Sailing Boat		
	RIB		
	Small Leisure Craft	E	
	?		
Industrial vessels	Oil Tanker		
	Tug Boat	G	
	Dredger	R	
	?		
Military	Naval Ship		
	?		
Fishing	Fishing Boat (trawler)		
	?		
Historical	Old-fashioned sailboat		
	?		

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Post-Visit Activity: Vessel Movements

You are going to find out about vessel movements into and out of Southampton Port - where do they all go to and come from?

The “Vessel Traffic Services” (VTS) part of the ABP website gives a great deal of information about the movement of vessels of all types in to the port, within the port, and those leaving. This information is live, so that all current and expected movements can be seen. It is refreshed regularly throughout the day, 365 days a year.

Destination	Arrival Time	Exit Time
West Cove	12:45	
East Cove	13:00	
West Cove	13:45	
West Cove	14:00	
West Cove	14:45	
West Cove	15:00	
East Cove	16:00	
East Cove	16:00	
West Cove	16:00	
West Cove	16:00	

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By exploring the VTS website you will find out all about trading routes and partners. You can view:

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- Planned movements
- Vessels alongside
- Vessels underway
- Vessels sailed
- The cruise ship schedule

‘Ships at anchor’ are also listed but these are anchored offshore, outside of the port, awaiting their ‘slot’.

TASK: Group Activity

Your teacher will divide you into groups. Each group will look at a different section from the bullets listed above. On a world map, you will mark the origin and destination locations for your section, by placing a dot accurately on the map and writing the location's name alongside it.

The groups will then be reorganised so that each group contains 5 people; one from each of the sections above and with a completed map showing data for their section.

On a large world map, you will now transfer all of your combined information so that you have a map showing the various trading partners all over the world. Using the completed map, each group will write a conclusion and a short presentation to summarise what you have learned about trade. Talk about topics such as:

- What trade is, and why we trade
- The background to Southampton Port and the variety of trade that takes place through the port
- The variety of vessels that you observed from the ferry, and how this provides evidence for the variety of trade taking place
- A summary of your map-based evidence showing trading links and partners across the world.



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SOUTHAMPTON

