

Southampton: Gateway to the World!

The economic importance of Southampton Water

Student Introduction

- ▶ In these exercises you will study how Southampton Water and Southampton Docks have developed in global economic importance.
- ▶ You will travel along Southampton Water on board a ferry to get a first-hand view of this port and surrounding area.



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✓ Complete the tasks on the following pages.

Student Introduction

You will be travelling to the Isle of Wight on a Red Funnel ferry. You will board the ferry at Town Quay, Southampton and the ferry will take you down Southampton Water, across the Solent (the area of water between the mainland and the Isle of Wight) and you will arrive at East Cowes on the Isle of Wight.

Docks and wharves have developed at and around Southampton since Roman Times. The port of Southampton became important for naval ship production from 1650, and over the centuries it has become known as the 'gateway to the world'.

The development of the modern port began in 1838. Posters were produced to advertise and promote liner services leaving the port of Southampton. In 1912 RMS Titanic set sail from Southampton on her ill-fated voyage (see illustration, right).

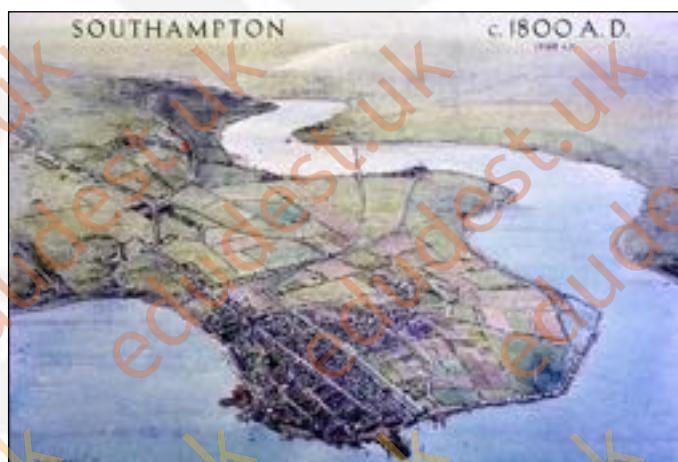
Today, the port is an international transport hub, operating 24 hours a day, 365 days a year. It handles 1/5th of the UK's trade with non-EU countries; it is the UK's premier international maritime gateway.

During this activity you will be finding out about how the area developed historically, and its importance in global trade.



Study the historical maps below, which show how the port of Southampton has grown and developed over time.

The first four images are used with kind permission of Southampton City Council Archives.

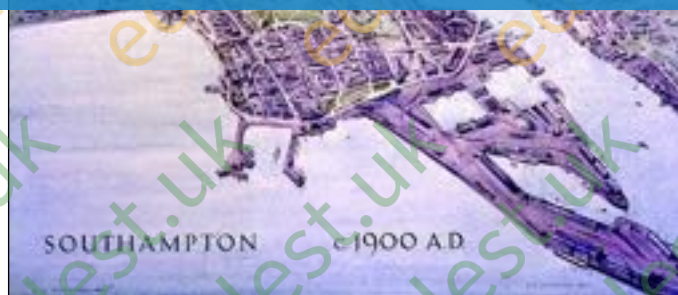


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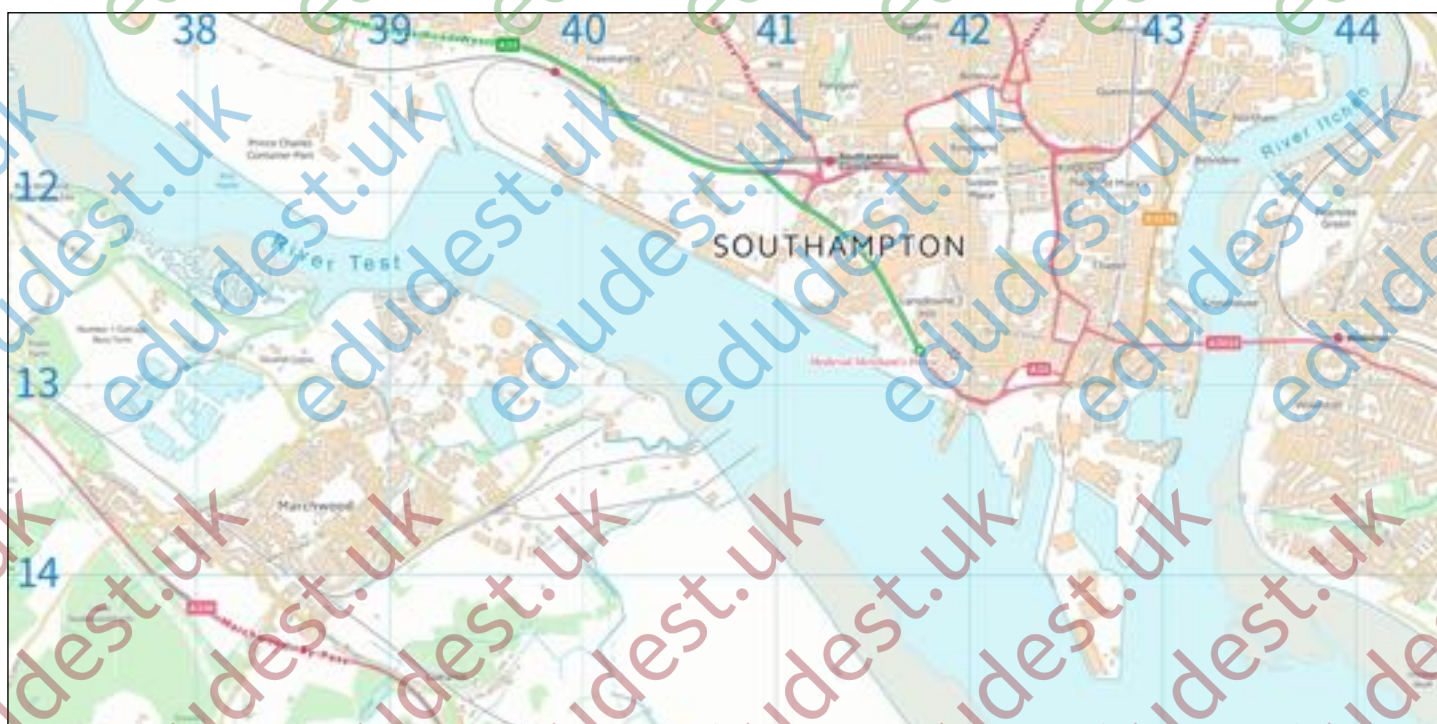
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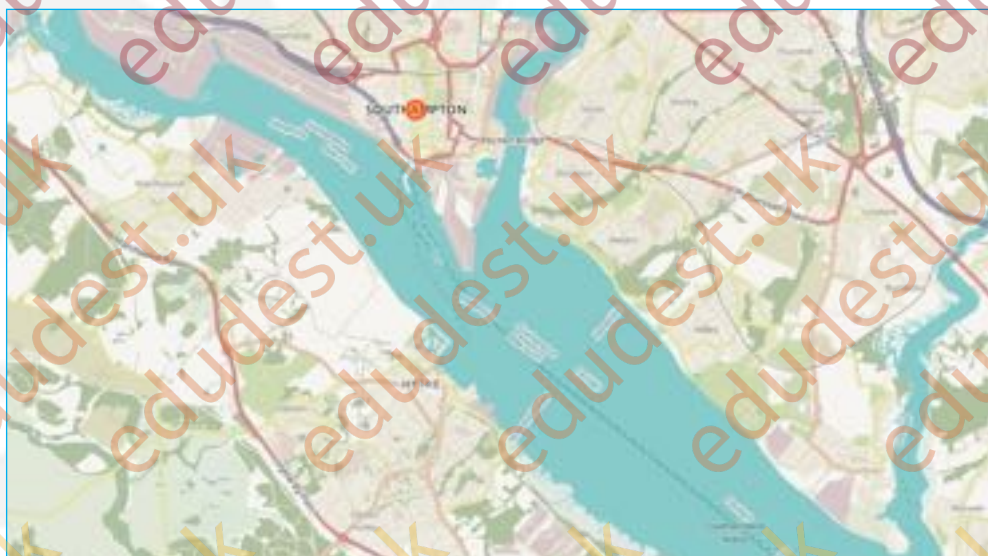


This Ordnance Survey map shows Southampton Docks today, along with the urban development and arterial roads and rail links surrounding it. Map contains OS data © Crown Copyright 2015



The following map view more clearly shows the human impact on the area.
You could also use Google Earth. © Openstreetmap contributors.

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KEY TERMS

Settlement

- a place where people live

Site

- land on which a settlement is built. Sites were chosen for many different reasons, known as 'site factors'

Situation

- the position of a settlement in relation to its surrounding human and physical features

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Using the maps provided, or your own GIS software, complete the following.

Use the Key Terms box above.

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1. Explain why this **site** may have been chosen for the early settlement?

(Clues – Where would they get drinking water from? Where would they get building materials and fuel? Could they trade here? What sort of land is suitable for building on/farming on?)

2. What was the main **function** of the settlement when it was first built?

3. Describe the changes to the size and shape of the **settlement** of Southampton that have taken place.

(Has it grown? How much? Has the shape changed? How? Has it grown in any particular direction / pattern?)

4. Are there any factors linked to Southampton's **situation** which you think may have affected its growth (either positively or negatively)?

(Look at what is around the settlement – what may have helped it to grow or hindered its growth in any particular way / direction?)

Match The Terms!

Read the following text and complete the exercise below. This will prepare you for the next task on board the ferry!

TASK 2

A bit of background first...

Southampton Water is a multi-functional maritime area, with local, regional, national and international importance. Basically this means that there are a lot of different activities going on and that these activities provide jobs for people, and they also contribute to the economy at a variety of different scales.

You are going to be considering the variety of uses of Southampton Water; both on and off land, and how these uses relate to economic activity in the **primary, secondary, tertiary** and **quaternary** sectors.

Look at the following and then complete the table accurately to explain what the terms mean – a few have been done already!

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PRIMARY
sector

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SECONDARY
sector



Extraction of raw materials

Processing of raw materials to manufacture goods



Service Sector: selling of services and skills



High tech IT, research & development

Complete the following table matching the geographical terms, pictures and definitions from the previous page.

Geographical Term	Definition	Picture
P _____		Fishing Boat
S _____	Process raw materials to make/manufacture goods	
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Q _____	High tech IT, research and development	



Now that you understand these terms, you're ready for your trip!



ON THE FERRY

Now you are going to look out for evidence of the four types of economic activity on and around Southampton Water as you travel along it on your Red Funnel ferry!

Use various sources to gather ideas and complete the table below; you can use your own observations from the ferry, as well as your own geographical knowledge.

Quaternary economic activity, which is the hardest to actually 'observe' has been done as an example for you!

Economic Activity	Evidence I have obtained from...			
	OS Map	Alternative Map	Own Observations	Own Knowledge
Primary economic activity on Southampton Water	On the map I can see evidence of...	On the aerial photo I can see evidence of...	I can see...	I already know that...

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Secondary economic activity on Southampton Water	On the map I can see evidence of...	On the aerial photo I can see evidence of...	I can see...	I already know that...
Tertiary economic activity on Southampton Water	On the map I can see evidence of...	On the aerial photo I can see evidence of...	I can see...	I already know that...
Quaternary economic activity on Southampton Water	There is evidence on the map of buildings around the docks, and towards the city centre of Southampton. IT facilities in some of these buildings will support operations on the water.	I can see various ports and berths/ moorings for vessels – IT will be used to coordinate the movements of vessels into and out of these.	Some of the facilities on Southampton Water e.g. the oil terminal and refinery / power station look very high-tech. The vessels themselves look very high-tech and modern.	Lots of research and development will go on all of the time into the development of bigger, better and faster vessels, and ways of processing in the power station.



BACK AT SCHOOL

Extension Activity

Now you've been on the trip you have a good understanding of the variety of different activities going on. When you return to school, you will be thinking about the **economic importance** of the port of Southampton.

The **multiplier effect** (sometimes called *the theory of cumulative causation*) suggests that varied and expanding economic activity has a knock-on (multiplier) effect on the surrounding population, and economic development of the local area. This, in turn, then has a positive effect on the economic development of the region, which has a positive impact on economic development at a national scale.

See if you can fill in the missing words in the following flow diagram to explain how the employment opportunities created by the port and its associated activities has a positive multiplier effect on the local economy.

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on vessels, in port or
in related industries

opportunities

is more wealthy and
has more
income

More
services and
created
in local area

Further
attracted into area

More money spent in
local

Word Bank

Employment

Investment

services

employment

Disposable

Wealth

Jobs

population



BACK AT SCHOOL

Did you know that if you eat something grown in the Canary Islands (e.g. bananas, grapes, tomatoes, potatoes etc.) that it will have come through the port at Southampton?

Southampton is the only port of entry in the UK for fresh produce from the Canary Islands.

In this post-visit activity you will be investigating the importance of Southampton Port on an international scale.



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Sail Away...

- » Your teacher will show you the Southampton Port live shipping movements website.
<http://goo.gl/FfLvkl>
- » It details all the latest information about planned shipping movements in to, around, and out of the Port of Southampton.
- » Your teacher will tell you exactly what date / type of vessel you are going to be investigating and you will then find and plot all of the movements onto the world map on the next page.
- » You need to decide on an appropriate colour coding system to clearly show the information your teacher has asked you to include, and make a key. Country and/or place names should also be added.

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