

Ship Ahoy!

Vessel spotting challenge!

Student Introduction

- ▶ During your ferry crossing keep count of all the different types of boats and ships that you can see.
- ▶ Work in pairs or small groups so that you don't miss any!



Let's gather some data!

During your ferry crossing, you will see many ships and boats at work.

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Here are the different types of vessel you may see: Bulk Carrier, Catamaran, Chain Ferry, Cruise Ship, Fishing Boat, Freight Carrier, Motor Boat, Pilot Boat, Police Boat, RIB, Tall Ship, Tanker, Tug, Vehicle Ferry, Vehicle Transporter, Yacht.

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Type:

Tally:



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Turn over for more vessel types!



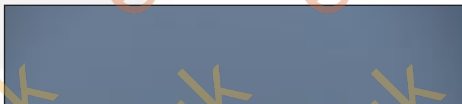
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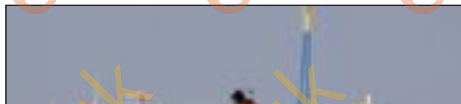
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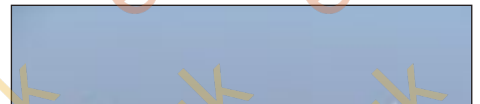
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Seen something different? Draw it!



Seen something different? Draw it!

Here are close-up details from some of the vessels in the previous photos.

- To which vessel do they belong?
- Examine the details to identify the vessel's purpose and label each photo accordingly.



Vessel:



Vessel:



Vessel:



Vessel:

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Vessel:



Vessel:



Vessel:



Vessel:

Purpose:

Purpose:

Purpose:

Purpose:



Categorise the vessels

Now that you've counted all the different boats and ships, you can see that there are many different types.

Now, learn a bit more about the different types of vessel you saw - you will put them into 6 categories.

Once you have read the descriptions, **transfer all of your tally marks** from Task 1.

BOATS & SMALL SHIPS

Designed for:

- ▶ Carrying passengers on local and harbour cruises
- ▶ Catching fish close to land
- ▶ Pleasure - surfing, water-skiing, dinghies, motor boating etc.
- ▶ Sailing and racing events, eg. "Cowes Week"



TOTAL TALLY:

Inside you'll find:

- ▶ Teaching resources by Education Destination Ltd.
- ▶ Curriculum relevant materials supporting school trips to the Isle of Wight

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Designed for:

- ▶ Taking passengers on pleasure trips around the world

Inside you'll find:

- ▶ People
- ▶ Hotel-like accommodation
- ▶ Facilities for thousands of passengers and hundreds of staff
- ▶ Recreation activities such as cinemas, shops, restaurants, gymnasiums and swimming pools

TOTAL TALLY:

FREIGHT & CARGO SHIPS

Designed for:

- ▶ Transporting goods around the world, including vehicles, food, oil and gas

Inside you'll find:

- ▶ Container ships - pretty much anything!
- ▶ Freighters - glass, grain, sand, stone, scrap metal, fertiliser etc.
- ▶ Tankers - crude oil, natural gas, petrol, diesel, heating oil etc.
- ▶ Vehicle carriers - cars, vans, trucks, farm machinery, diggers etc.



TOTAL TALLY:

POLICE, CUSTOMS & BORDER AGENCY

Designed for:

- ▶ Making sure nothing illegal happens in the port, e.g. smuggling

Inside you'll find:

- ▶ Specialised crew
- ▶ Technical equipment including radar, GPS, radio etc.



TOTAL TALLY:

SAFETY & SECURITY**Designed for:**

- ▶ Ensuring everyone remains safe in the harbour (e.g. fire fighting, dredging)
- ▶ Piloting foreign ships into unfamiliar ports
- ▶ Tugging huge ships into and out of the harbour

Inside you'll find:

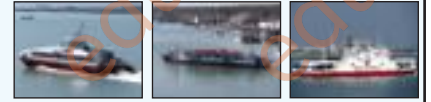
- ▶ Specialised crew
- ▶ Technical equipment including radar, GPS, radio etc.



TOTAL TALLY:

FERRIES**Designed for:**

- ▶ Moving large numbers of people and vehicles over short distances, for example to and from the Isle of Wight



TOTAL TALLY:

Inside you'll find:

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- ▶ Trucks, vans, coaches and buses (you do for hire only)
- ▶ Curriculum relevant materials supporting school trips to the Isle of Wight
- ▶ Mail and parcels
- ▶ Farm animals (vehicle ferries only)

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Draw a bar chart!

Using the graph paper on the next page, you are now going to convert your tally data into a bar chart.

We've already added the vessel categories to the chart for you.

Here's what you need to do to complete the chart:

1. Add a title "**Types of vessels seen between Southampton & Cowes**".
2. Work out which is your biggest tally and **add a suitable scale**. For example, if the highest number was 25, the best scale might be 5, 10, 15, 20 and 25.
3. **Draw bars on the chart** for each vessel category.
4. Fill in each bar with a **different colour**.

Now that your chart is complete, **compare it with your classmates**. Have you got different numbers for the different types of vessel? If so, **write down 2 reasons why you think this might have happened**:

1. _____
2. _____



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TITLE:

Number of vessels seen

0

BOATS &
SMALL SHIPS

CRUISE
SHIPS

FREIGHT &
CARGO SHIPS

POLICE, CUSTOMS
& BORDER AGENCY

FERRIES

VesselCategory