

## 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.



#### Let's gather some data!

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

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Remember - a tally looks like this:



Motor Boat



Fishing Boat



Passenger Catamaran



Pilot Boat



Police Boat



RIB (Rigid Inflatable Boat)



Yacht



Tug

Turn over for more vessel types!



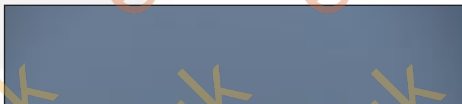
Bulk Carrier



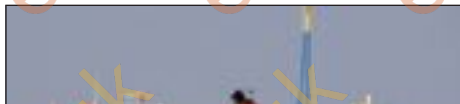
Container Ship



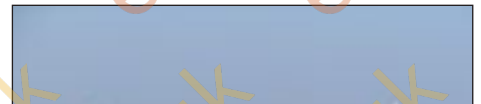
Cruise Ship



Vehicle Ferry



Vehicle Transporter



Tanker

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Tall Ship / Galleon



Chain Ferry



Cruiser



Freight Carrier



Seen something different? Draw it!



Seen something different? Draw it!



## Categorise the vessels

Now that you've counted all the different boats and ships, it's clear that there are many different types.

In this exercise you will now learn a little more about the different types of vessel you saw and we will put them into just 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:

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▶ Fish 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 (can't carry coaches and buses, you'd go for a train)
- ▶ 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 some reasons why you think this might have happened**:

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TITLE:

Number of vessels seen

0

BOATS &  
SMALL SHIPS

CRUISE  
SHIPS

FREIGHT &  
CARGO SHIPS

POLICE, CUSTOMS  
& BORDER AGENCY

FERRIES

VesselCategory



## BONUS TASK!

### Where in the world?

Most of the large ships you will see today come from different parts of the world. Their place of registration is usually painted onto the ship.

Each time you see a place name on a ship, write it down. Draw a picture of the ship and take a photograph if you have a camera. Back at school you will use the internet or an atlas to find out where these places are and put them on a map of the world.

Place Name	Picture	Type of Vessel

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SOUTHAMPTON

