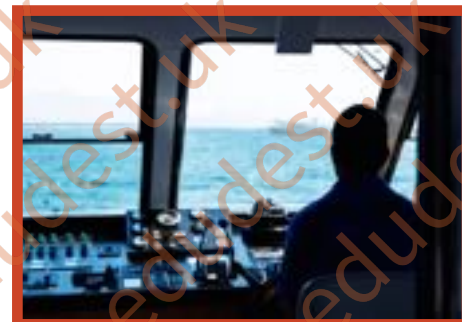


Don't Get Lost!

Improve your compass skills

Student Introduction

- ▶ The following exercises let you practise your compass and map reading skills during your ferry crossing
- ▶ Work in pairs or small groups!



How a compass works...

All compasses have an arrow (usually red) which always points to the North because it is magnetic.

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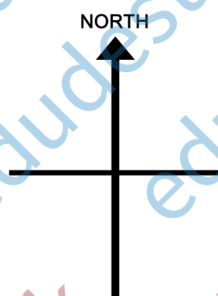
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Once you know where North is, you can easily work out where South, East and West are.

Using a map and a compass you can easily work out where you are and in which direction you are moving.

Included in this pack is a map of the area which the ferry will travel through today. First you need to work out where North is and draw this on the map. Follow these instructions:

1. Put the long edge of your compass next to the short edge of the big map and hold it there.
2. Turn yourself, the map and the compass together until the needle is pointing North. Now you, your compass **and** your map are all pointing North.
3. Draw the diagram below onto the map with North in the correct position:



4. Now add EAST, SOUTH and WEST in the correct places.

Here are some challenges!

Now that you know where North is, let's add some labels to your map.

1. On your map, label the following large cities and small towns.

These are coloured white on the map.

- ▶ **SOUTHAMPTON** is a city in the **NORTH**
- ▶ **PORTSMOUTH** is a city in the **EAST**
- ▶ **COWES** and **EAST COWES** are towns on the northern tip of the Isle of Wight

Question: Why do you think that Cowes and East Cowes have similar names? What is in between the two towns?



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2. Now label the waterways on the map. www.edudest.uk

- ▶ **SOUTHAMPTON WATER** runs from the **North-West** to the **South-East**
- ▶ It merges with **THE SOLENT** which runs from the **South-West** to the **South-East**
- ▶ The **RIVER MEDINA** runs from the **South** (Newport) to **COWES** in the **North** on the Isle of Wight

3. Can you work out which way the ferry is going?

- ▶ Look at your map. Where did you start your journey? **Make a cross on the map.**
- ▶ What can you see on each side of the ferry right now? **Make another mark on the map** where you think you are.
- ▶ **Keep making marks every 10 minutes** as the ferry travels along. Then you will be able to see its route on the map.

4. **HOW** and **WHY** do you think your compass helps you work out where you are? Explain:





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