Southampton Water: Mapping Land Use

What is the land around Southampton used for?

Student Introduction

- The following exercises will test your map-making abilities!
- You will look for land uses from the ferry and on printed maps to design your own!
- Work in pairs.

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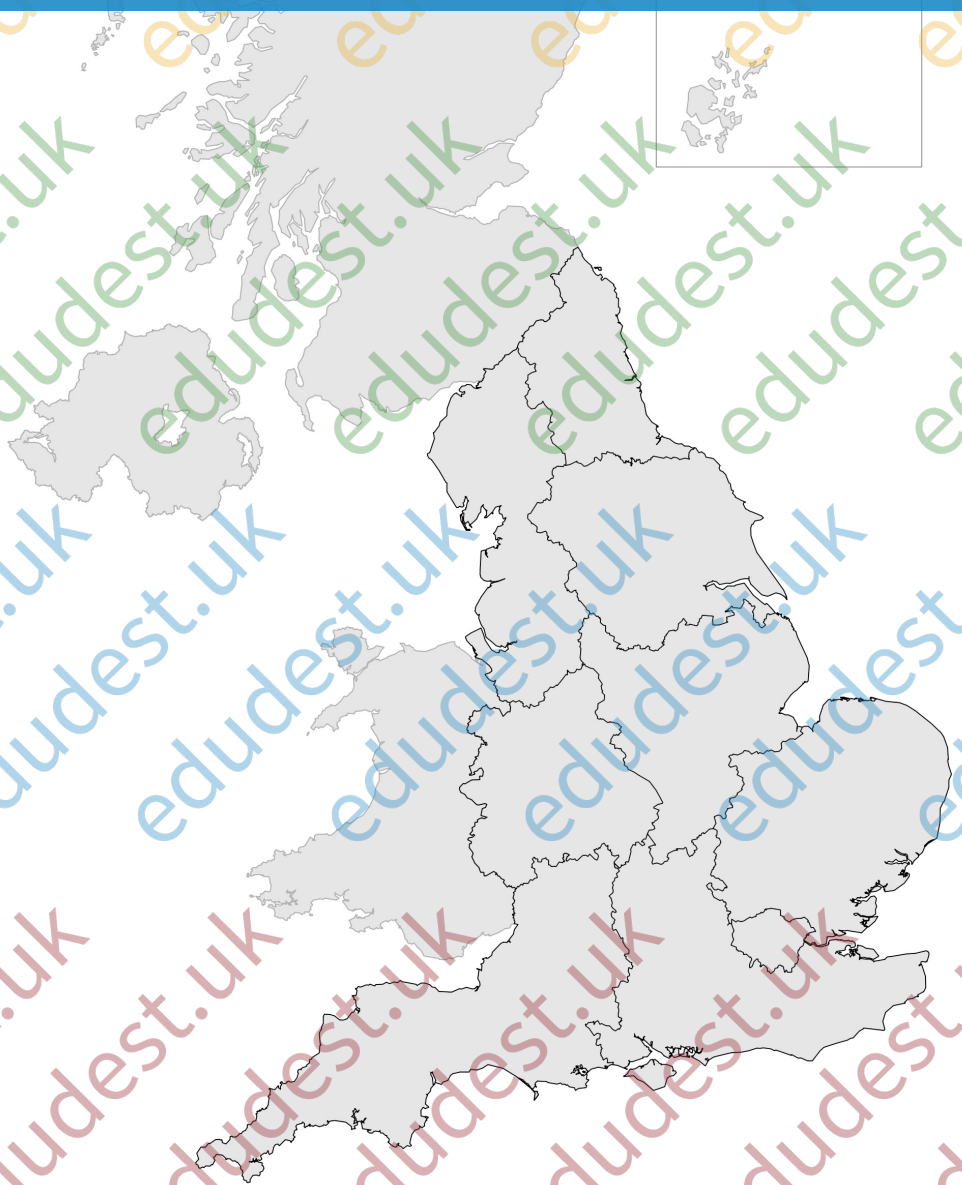
TASK 1

AT SCHOOL

countries and 12 regions of the UK on the map to the left

- ✓ Now identify AT LEAST ONE major town or city in each region
- ✓ Make sure that you have included Southampton
- ✓ Also make sure that you have included your home town
- ✓ Now label the Isle of Wight
- ✓ If there's not much space to write, use arrows to help.



TASK 2
AT SCHOOL

- ✓ Look at the base map included in this pack.
- ✓ The WHITE areas are cities, towns, industrial areas, etc. There's also a space for a title which you will add later.
- ✓ The BLUE areas are rivers, estuaries, harbours and the sea.

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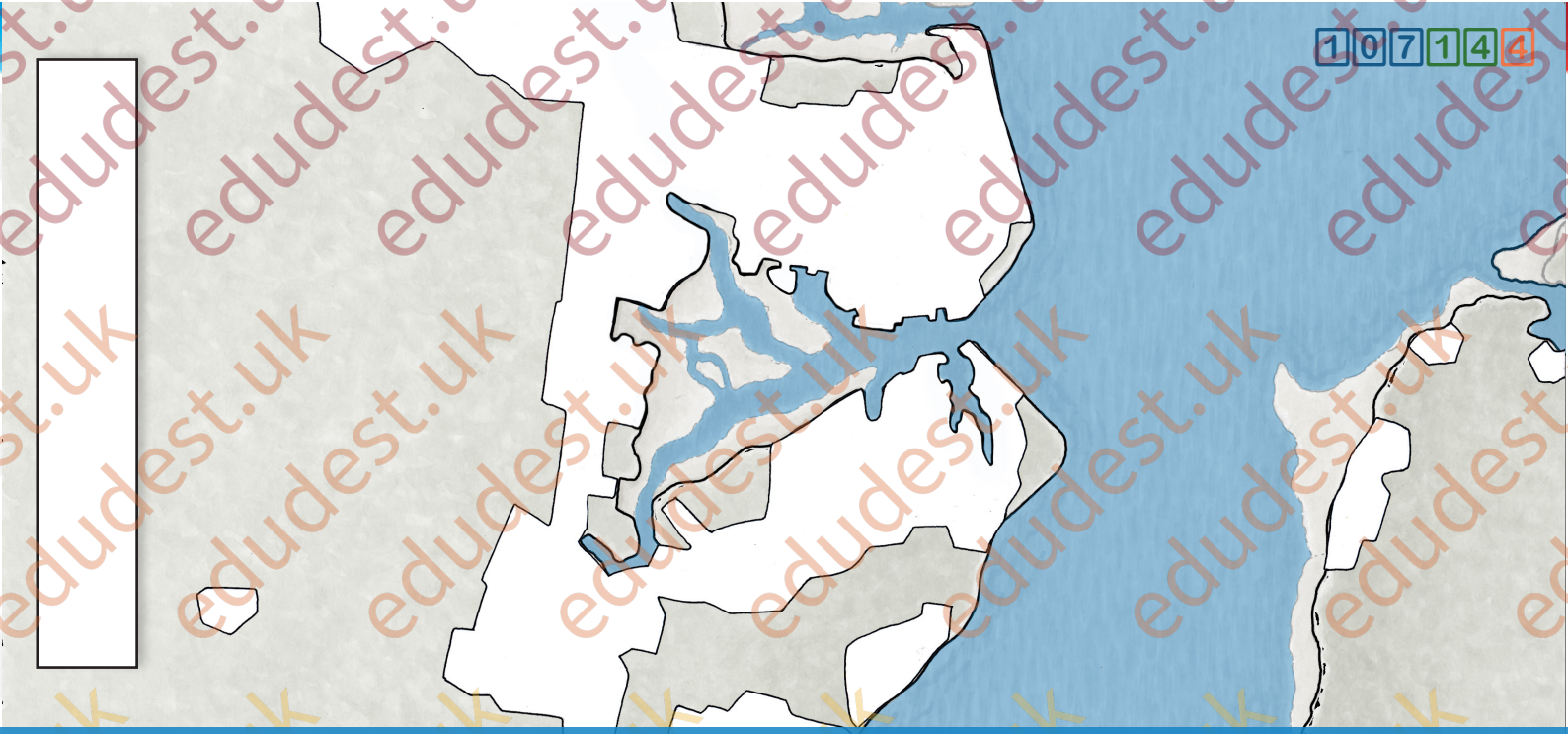
- ▶ Identify and add the following to your base map:
  - » all the major cities and towns
  - » evidence of economic activity on both the mainland and the Isle of Wight
  - » all of the waterways, rivers, estuaries, river mouths and spits.
- ▶ Remember - the white areas on the map show where there are settlements or industry.
- ▶ Think of a good title for your map and write it into the box.
- ▶ Add a compass rose to your map, showing North, South, East and West.

TIP: Once you've labelled your map, keep it handy as you will need it for the following questions!



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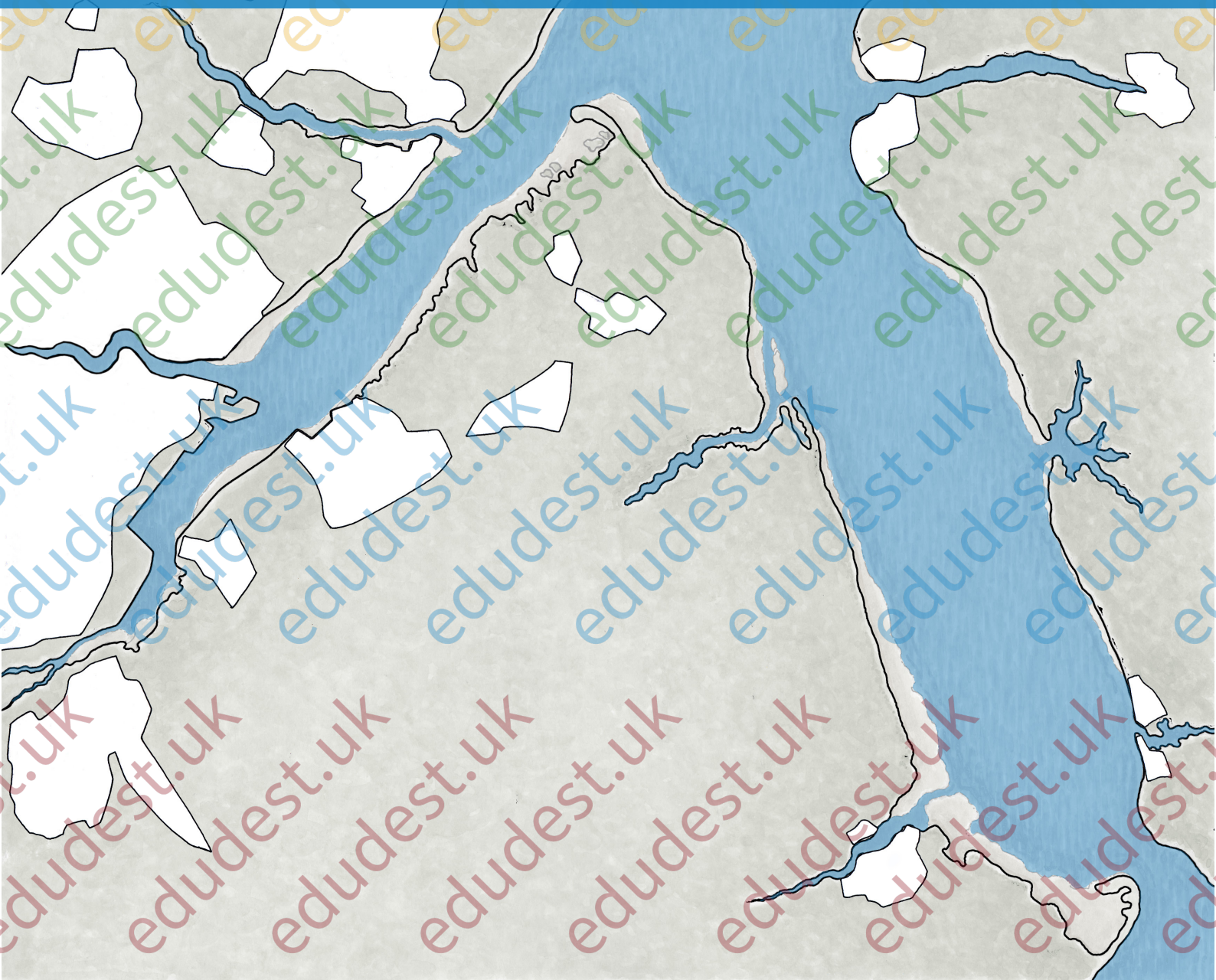

TASK 3
ON THE FERRY

- ✓ Look around you for different examples of land use.
- ✓ If you see anything important, make a mark or drawing on your base map and write down what you think it is.
- ✓ When you are back at school you can research these things in more detail and use this information to complete your map.

TASK 4
BACK AT SCHOOL

- ✓ Now you are back at school you can use a map and/or the internet to check your notes.
- ✓ Complete the following tasks:

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1. Your teacher will provide you with an OS Map of the area you travelled through. (Landranger 196 'The Solent & Isle of Wight')

Use this to check your base map and notes, and make any corrections.

2. Now use the OS Map and your own notes to find out what the land in this area is used for.

Look at the Urban Areas and evidence of Economic Activity - where can you locate residential areas, offices & industry, services, tourism & leisure facilities?

- » Where are the main roads, railways, airports, harbours?
- » Do the coasts and rivers contribute to the urban economic activity of this area?

Look at the Rural Areas - are there woods, fields and pastures?

- » Is the land used for hill farming, arable farming, market gardening or cattle rearing?
- » Are there signs of Energy Industry, for example generation or distribution?
- » Are there tourism facilities?
- » Do the coasts and rivers contribute to the rural economic activity of this area?

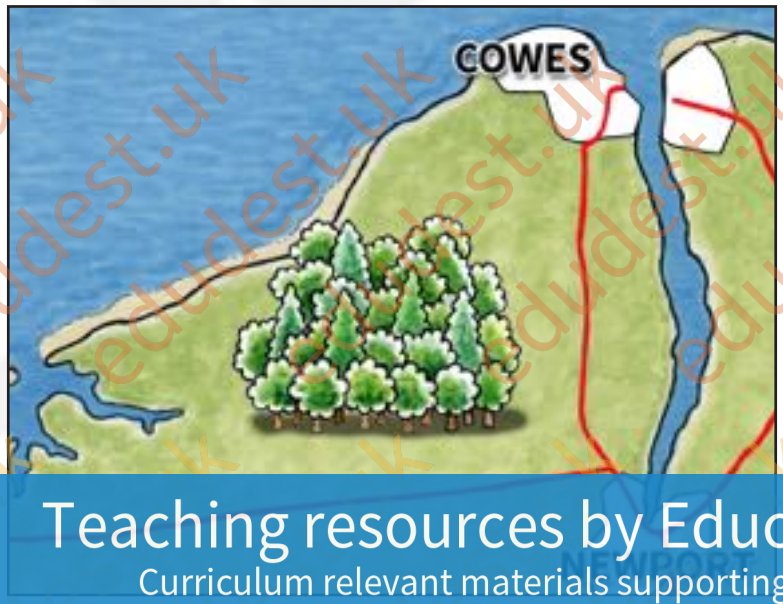
3. Design a colour coded key for each of these areas. You could also use symbols, for example you could draw little trees to show where wooded areas are.

- ✓ **Use crayons or coloured pencils to shade different areas of your map using your colour key.**

There is an example on the next page to help you.

EXAMPLE MAP SHADING AND SYMBOLS

Use these examples to help you design your own list of features and colour coding scheme



EXAMPLE KEY

Colour	Feature
	Residential
	Fields / Pasture
	...
	Woods
	Leisure
	Industry
	Roads
	Railways
	...
	...

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4. Is there more urban or more rural land use in this area? Explain why:

_____

_____

_____

_____

5. Has the land use changed over time? How do you know?

_____

_____

_____

6. Why could the land use have changed? Discuss with your partner and make notes of your ideas:

_____

_____

_____

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