KS4 Function Skills - Mathematics Statistics / Handling Data RED FUNNEL Interpreting Ferry Data

Ferry Crossing Conundrum! Using ferry timetables

Student Introduction

Education Destination

- This activity challenges you to research two different ferry booking scenarios.
- You will practise using websites to gather information about public transport and working out the best options.



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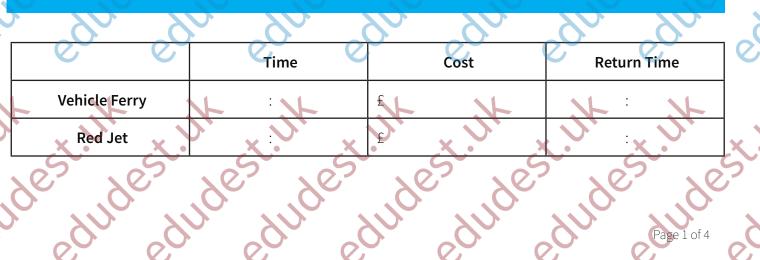
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- » Sam is sixteen and lives in Southampton.
- » He needs to go to an interview in East Cowes on the Isle of Wight at 11am next Wednesday morning.
- » The interview is expected to finish by mid-day.
- 1. Find suitable ferry times for Sam
- 2. Find out the cost of his ferry ticket
- 3. If you have time, find the alternative ferry option and decide whether this is more or less expensive.

Useful Facts

- ✓ The Red Funnel vehicle ferry leaves Southampton and goes to East Cowes.
- The Red Jet service goes from Southampton to (West) Cowes, which is a 20 minute walk from East Cowes via a "floating bridge" ferry which is free for pedestrians.



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Going to an Event on the Isle of Wigh

You are now going to carry out a real-life task which will require you to use a number of skills to complete.

Imagine that you are going to an event on the Isle of Wight. There are lots to choose from throughout the year, such as the Isle of Wight Festival, Cowes Week, Bestival and many more.

Choose an event that appeals to you from the Red Funnel website: http://www.redfunnel.co.uk/island-guide/isle-of-wight-events

Skill: Using Timetables

TASK

2

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Use the grid provided to record your data.

Now find the timetable for the Vehicle ferry. http://www.redfunnel.co.uk/ferry-travel/passenger-vehicle-ferry-service/timetable

Choose the appropriate dates and times to cross to the Isle of Wight, and to leave, with a car.

Use the grid provided to record your data.

Skill: Calculating Costs

,dudest.u From the Red Funnel website, find the cost for 1 adult:

- 1. To visit the island for 1 day with a car
- 2. To visit the island for 1 day without a car

Now find the costs for 4 adults:

- 3. To visit the island for **1 day with a car**
- 4. To visit the island for 1 day without a car

What is the difference in cost if they take a car?

EXTENSION ACTIVITIES

1. You can travel as a foot passenger on either ferry. What is the difference in price? Jest. UK estuk estuk

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Difference in Price

£

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2. Choose one passenger option and work out the following. Write your answers below:

• How would you get from your home to Southampton?

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Vhat time can you expect www.edudest.uk

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REMEMBER: You need to b Means of transport from ho	JK JK	X.JK X.JK	st. ut st. ut	est
Time to leave home	Time of arrival at Southampton	Time Leaving Southampton	Time to arrive home	70
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Data Sheet



(Date to leave Southampton	Time to leave Southampton	Date to leave Isle of Wight	Time to leave Isle of Wight	Cost for 1 adult	Cost for 4 adults
Red Jet Passenger Ferry			s by Educat			£
Vehicle Ferry (with car)	Book today with Edu	cation Destination a		this and hundreds n		ces £
Vehicle Ferry (without car)		e e		e e	£	£
K	Jr L.Jr	Difference in	cost between the two	ferries as passengers:	£	£
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