

# PARENT NOTES

## Mathematics

### Handling Data / Statistics (with Functional Skills)



#### At A Glance:

- ✓ Mathematics (Data & Statistics)
- ✓ Key Stage 3 - all abilities
- ✓ Key Stage 4 Functional Skills
- ✓ National Curriculum 2014

#### About this activity

This is a maths resource that engages students with their ferry crossing with Red Funnel.

The resource task enables them to practise their data handling skills. The activity will give pupils the opportunity to practise using real data in order to provide answers to problems related to their experience on the Red Funnel ferries.

Students are asked to investigate the arrangements for a trip to the

## Teaching resources by Education Destination Ltd.

- ✓ Pre- or Curriculum relevant materials supporting school trips to the Isle of Wight

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#### What's Involved?

Students will be engaged in an activity where they are making travel arrangements, finding out times and costs.

They will practise using real data in order to provide answers to problems related to their experience on the Red Funnel ferries.

- ▶ The task requires students to investigate the times and costs of transport to and from the Isle of Wight.
- ▶ They will compare at least two different methods of travel and evaluate the outcomes.

#### How does this link to my child's learning?

- ▶ The task requires careful selection of relevant data, and the handling of such, in order to provide an answer to a problem.
- ▶ This is a key requirement in the National Curriculum programmes of study for mathematics.

#### What will they learn?

- ▶ Students will learn about how to select and record real life data and then use it to answer a problem, thereby practising life skills as well as mathematical processes.

#### How does this enrich study undertaken in school?

- ▶ The stimulus of a real location that has been visited motivates the student in a more positive way.
- ▶ The problem becomes a real one, not purely a textbook example.

***"It is better to travel well than to arrive..."***

- Buddha

### What do they need to have done in preparation?

- ▶ Look at local bus timetables and costs, or similar activity.

### What skills do they need to demonstrate?

- ✓ Careful selection and handling of data and the ability to compare and evaluate solutions in order to solve problems.
- ✓ Reading timetables.
- ✓ Investigating and comparing prices.

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### Helpful Resources

[www.edudest.uk](http://www.edudest.uk)

Encourage your child to research Red Funnel ferries **before** their visit

This activity was compiled by **Education Destination** in conjunction with **Red Funnel**. We help students of all ages and abilities to experience excellent curriculum based learning opportunities at many Island venues and attractions.



[edudest.info](http://edudest.info)

**Red Funnel** brings learning alive the moment you step aboard the vessel. Your passenger or vehicle ferry ride will be an amazing learning opportunity in subjects such as Science, Geography, Mathematics, PSHE & English – for all ages and interests!



**RED FUNNEL**

[redfunnel.co.uk](http://redfunnel.co.uk)

For further reading about Red Funnel ferries or the Isle of Wight, **wikipedia** offers an excellent range of articles. This would serve as an ideal introduction for learners prior to their visit, and is suitable for ages 7 upwards.



[wikipedia.org](http://wikipedia.org)

