



Chapter Six

Ferries Across the Curriculum

Further ideas

Further ideas for developing unit of study on Mersey Ferries

1. Link songs about the Mersey e.g. Ferry across the Mersey. Children could learn / perform the songs. Ask children to make up their own songs / extend verses of a known song.
2. Inviting a captain / crewmember from the ferry to talk to the children in school and be interviewed with prepared questions.
3. Make up a play about the life of a ferryboat.
4. Children could design / name a ferryboat from a set of given criteria using ICT. Make models of their designs (using construction toys).
5. Use ICT programs to produce a poster about Mersey Ferries (with given information to be included).
6. Use of CD-ROM /Internet link to find out about river pollution.
7. In a word-processing program develop "log / diary entries" from the perspective of ferry captain / passenger to take into account different seasons.
8. Make a collage on a beach about the river / ferries using found materials.
9. Use an ICT program to navigate a course (using procedures) around hazards from point to point.
10. Design a ferry ticket using ICT. Remember to include the relevant information.
11. Use ICT to find about ferries across other rivers / lakes around the world.
12. Monitor a small stretch of the riverbank for signs of pollution after several weeks and report on the differences.
13. Produce a newspaper report (using ICT) about a collision / sinking of a ferryboat.
14. Create a nameplate (in art) for a new ferry – with the ferry's name on it. How was the name selected? What materials and why?
15. Use City Viewer to study river banks / coasts / sandbanks / land use / terminals etc
16. Drama – role plays

Further Resources

“A Tale of Two Rivers” video, Wirral LEA, comparing and contrasting River Mersey and River Conway, North Wales. Sections on the water cycle, geography, history, industry and interpretations of rivers through art, music and dance.

Available from: Wirral Humanities Advisory Team
Wirral PDC
Acre Lane
Bromborough
Wirral
CH62 7BZ
Tel: 0151 346 1182
Fax 0151 343 9352

“Birkenhead and Mersey Ferries” – a local study resource pack for teachers – pack of primary and secondary historical sources for classroom use.

Available from Wirral LEA (address above) £6.

MERSEY FERRIES - IDEAS FOR MATHS ACTIVITIES

1. Arrange events from "Mersey Crossings"(2) on timeline- beneath the line.
Add the important world events to the timeline, placing them above it.

2. Data Handling:-

Plot graphs to show the comparative growth of the populations of Liverpool and Wirral from 1810 to 1989.

Undertake a Census of the class and produce graphs, charts and tables to display the data.

e.g. no. of children in families,
place of birth of parents,
occupation of parents,
place of work (town),

Compare the data with data from the extract from the 1851 census.

Repeat the exercise by doing a similar census with the children's parents' families, (homework task) and then compare all three sets of data.

3. Plan a day out for a family of two adults and three children on the Mersey Ferries, to include a visit to the Maritime Museum on the Albert Dock. You must find out the cost of the ferry fare, entrance fees to the museum and the times of the ferries from either

Woodside Ferry or Seacombe Ferry and from Liverpool Ferry Terminal.

4. Use the price list for the Mersey Ferries Café to work out the following:-

- i) the change from £1 for each item
- ii) How many different combinations of drink and snack can be bought?
- iii) the cost of each of these combinations
- iv) The cost of a 2 teas for mum and dad, coke for three children and a packet of crisps for each person.

5. Set up an obstacle course of hazards such as sunken ships, submerged rocks, lighthouses and buoys for the "river pilot to negotiate" using the floor turtle.

6. Find out how much fuel is used by the ferry for each round trip. Calculate the cost of fuel and then calculate how many

- i) adult passengers would be needed to cover this cost.
- ii) children would be needed.
- iii) If there were equal numbers of adults and children how many of each would be needed to cover the fuel costs.

7. Using Fig.2b (Unit 2 : Crossing the River)

- i) How many times greater was the cost of the ferry trip in 2000 than in 1900?
- ii) If there were 240d (old pennies) in £1, and $\frac{1}{4}$ d is one quarter of a penny, (also called a farthing) how many people could have crossed the river, on market day, for £1 in 1357?
- iii) How many passengers could have crossed the river for £1 in 1900 before the fare was reduced to 2d and then 1d?

TIMELINE OF THE MERSEY FERRIES (2)

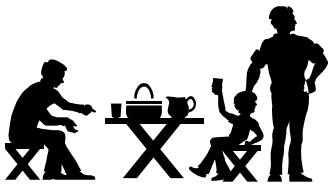
IMPORTANT WORLD EVENTS

Arrange the following events on your timeline above the line.

1. The Gunpowder Plot-(1605)
2. World War II ended-(1945)
3. Man first walked on the Moon (1969)
4. William the Conqueror invaded Britain (1066)
5. Napoleon was defeated at the Battle of Waterloo (1815)
6. Columbus landed in the West Indies for the first time (1492)
7. World War I began (1914)
8. Queen Elizabeth I came to the throne (1558)

TIMELINE OF THE MERSEY FERRIES (1)
(CROSSING THE RIVER)

- 1817 The "Etna" was the first steam ferry service to cross the river.
- 1330 King Edward III granted the Royal Charter giving the monks the ferry rights forever.
- 1977 The bill presented to parliament to close the ferries is defeated.
- 1934 Queensway Road Tunnel opened.
- 1990 Ferries take on a tourism role and establish a circular pleasure cruise.
- 1536 Henry VIII dissolved the monasteries.
- 1947 Bill to parliament to close all ferries was defeated.
- c.1150 Monks establish a priory at Birkenhead
- 1886 Mersey Railway Tunnel opened.
- 1967 Second road tunnel opens.



Mersey Ferries Snack Bar. (example)

DRINKS

Orange Juice 25p

Coke 35p

Tea 40p

Coffee 45p

Milk 30p

Hot Chocolate 50p

SNACKS

Crisps 30p

Plain Biscuit 24p

Chocolate Biscuit 33p

Chocolate Bar 38p

Egg Sandwich 95p

Cheese Sandwich £1.20



**MERSEY FERRIES
GIFT SHOP**

<u>Price List</u>	<u>Each</u>
Pack of coloured pencils	85p
Packet of chalks	25p
Small rubber	15p
Large rubber	28
Bic Roller Ball Pen	69p
Jollycraft Paper Spots	39p
Crayons that paint	£1.50
Berol colour pens	35p
Red ballpoint pens	12p
Pencil	11p
Ruler	18p
Large felt pen	95p
Set of italic pens	£1.75

MERSEY FERRIES SHOP

Money 1

1. Write each price using a £ sign.

£

2. Draw the coins you would use to pay for:
 - a) a red biro
 - b) Jollycraft paper spots
 - c) a large rubber
 - d) a pack of coloured pencils
 - e) a set of italic pens
3. How many different ways can you pay for a large felt pen?
4. Draw round the smallest number of coins which can be used to pay for a Bic Roller Ball Pen.

MERSEY FERRIES SHOP

Money 2

Go to the shop.

Take £1 with you.

Buy 3 items.

Use a calculator to

find out how much they cost all together.

Write down the sum you do.

<i>Example</i>	£
Small rubber	0.15
Chalks	0.25
Ruler	<u>0.18</u>
Total	<u> </u>

Now do a sum to find out how much money you will have left when you have paid.

	£
DO NOT USE YOUR	1.00
CALCULATOR THIS	- <u>0.58</u>
THIS TIME! USE COINS.	<u> </u>

Now do 5 more!

MERSEY FERRIES SHOP

Money 3

Use a Mersey Ferries
Price List

1. How many ways can you find to buy 2 items for 50p or less? Write them down.
2. Can you buy 3 items for 50p? If you can find a way, what can you buy and what will they cost all together?
3. Which 2 items together cost £3.25?
4. Which 3 items together cost £0.75?

MERSEY FERRIES SHOP

Money 4

You may use a calculator.

1. Buy the three dearest items.
Write a bill and then calculate your change.
2. Find **5** ways of buying 4 items with £5.
Calculate the cost and the change each time.
3. Can you buy the 4 dearest items with £5?
Write a bill to show why you can or cannot.
4. What is the largest number of items you can buy with £5?

MERSEY FERRIES SHOP

Money 5

BUYING IN BULK

Use a Mersey Ferries
Price List

1. Calculate how much 10 of each item costs.
2. Now work out how much 20 of each item costs.
3. How much will 100 of each item cost?
4. If you buy 100 of each item the shopkeeper will give you 10% off the price (a discount). How much will you pay for 100 of each item now?