

Worksheet questions:

Instructions to pupils and follow up suggestions.

Relating the worksheets for Key Stage 2 * The World Around Us * Lagan Trip to the CCEA Curriculum Review

Bird Identification

On today's boat-trip, look carefully at the page entitled: *SELECTION OF LAGAN BIRDLIFE*.

On both your upstream and return journey, put a tick beside any of these birds you are able to spot.

Later on, in school, your whole class might even join together to make an exhibition of art work entitled 'The Lagan' using some of the images you have gathered on this boat trip, including images of the birds you spot.

Strand 3 'Our World'

Teachers should ensure that pupils are given worthwhile experiences which enable them to investigate local habitats, such as, a woodland, seashore, protected area, lake, river or pond.

1 Lagan Weir

The Lagan Weir is the most important structure on the river.

What do you notice about the water level on each side of the weir?

In class, you could make a model from card and tubes showing how the weir actually works.

Art & Design 'Three Dimensional Construction'

Teachers should ensure that pupils are given worthwhile experiences which enable them to design and make a structure for a particular purpose.

Strand 2 'Science & Technology'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research uses of energy in a variety of models and machines, now, and in the past.

2 Seven Bridges

You will be passing underneath seven bridges. Listen carefully for their names.

Number each bridge as you pass under it. The first one is done for you. They are all jumbled up.

In class, discuss how important or relevant our built heritage actually is to young people today.

In groups, you might consider the pros and cons of preserving our buildings and bridges for the future.

Strand 3 'Geography'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research some of the ways in which people affect/conserves the environment both locally and globally.

Strand 2 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research changes in transport over time.

3 Impressive Buildings

You will be passing some really impressive buildings like these three.

Tick them as you pass them by. Waterfront Hall; Belfast Hilton Hotel; Price, Waterhouse & Coopers.

In class, find out what these buildings are used for and why they were built on the Lagan.

Strand 2 'Geography'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research jobs associated with the provision of goods and services.

6 Bascule Bridge

This unusual bridge looks like many of the bridges you would see in Holland.

Something is missing. What is it? Draw it in.

In class, find out about a Dutch artist who painted a bridge just like this one.

Strand 1 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research the life of a famous person, family or building in the past, either local, national or international.

7 **Ormeau Park**

Who used to own the Ormeau Park before Belfast City Council?

Strand 1 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research the life of a famous person, family or building in the past, either local, national or international.

8 **Water Pollution**

These blue signs advise people using boats to keep well away.

What is released into the water here to help keep it clean?

In class, find out how this process will be changing in the future.

Can you think of a common household item which uses the same idea?

Strand 3 'Geography'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research some of the ways in which people affect/conserves the environment both locally and globally.

Strand 3 'Science'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research changes that occur to everyday substances when dissolved in water.

9 **Graffiti**

The writing on the gable of this house is different from what you usually see, especially in Northern Ireland.

In class, try to work out what it means and why it is different from other slogans you see in N.I.

Something is missing in this slogan. Fill it in.

Strand 1 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research how our identity, way of life and culture has been shaped by influences from the local and wider world.

10 **Holy Land**

This area has an unusual nick-name, because the developer named the streets after Middle Eastern cities he visited on holiday.

Listen to the commentary and write down the name of the missing street.

Can you guess what the nick-name of the area is?

In class, find out about the artist L. S. Lowry who painted streets like these.

You could paint a picture of your own street.

Strand 1 'Geography'

Teachers should ensure that pupils are given worthwhile experiences which enable them to study a range of places, including, such as, their local area, a place in the developed world and a place in the developing world.

11 **Jaffa Memorial**

This monument is called?

What religion was this businessman?

In class, find out more about this man and what he did to achieve this honour.

In class, make a study of a work of art in your school, community or local environment which celebrates someone's achievement.

Strand 1 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research life at a particular time in the past.

Teachers should ensure that pupils are given worthwhile experiences which enable them to research the life of a famous person, family or building in the past, either local, national or international.

12 **Duke of Wellington**

What is the name of the famous soldier who used to live with his mother Lady Ann Mornington at Annadale?

Strand 1 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research the life of a famous person, family or building in the past, either local, national or international.

13 **Napoleon**

Who did the Duke of Wellington defeat at the battle of Waterloo?

Strand 1 'History'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research the life of a famous person, family or building in the past, either local, national or international.

14 **Big Fish**

After you leave the "Joyce Too", you will see this Big Fish. It was built to celebrate the improvements to the River Lagan and is now a major landmark.

Pupils from 3 primary schools have their drawings on the Big Fish. Look carefully and find out the names of these 3 schools. Write their names in the 3 boxes below.

In class, find out more about these schools, what they have in common, where their pupils come from and how you think they are similar or different to you.

Strand 2 'Movement'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research how places fit within the wider world.

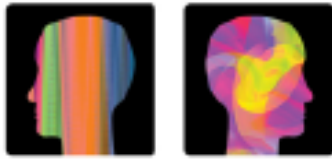
Strand 1 'Geography'

Teachers should ensure that pupils are given worthwhile experiences which enable them to research similarities and differences between people, lifestyles, work, housing, transport, or education.

Key Stage 2 * The World Around Us * Lagan Trip * Answers

1. The Lagan Weir, completed in 1994, is located downstream of the Queen Elizabeth Bridge. This dynamic structure with five flap gates, each operated by a large hydraulic ram, controls the water levels upstream to Stranmillis Weir, a distance of 4.8km. These gates can be operated to permit boats to cross the weir into the upper stretches of the river.
2.
 - (i) Queen Elizabeth 2nd Bridge (1966);
 - (ii) Queen's Bridge, after Queen Victoria (1842);
 - (iii) The Lagan Viaduct (1995), conveying trains to and from Bangor and Larne;
 - (iv) Albert Bridge (1890);
 - (v) Ormeau Bridge (1863);
 - (vi) King's Bridge (1910);
 - (vii) Governor Bridge (1970s).
3. Waterfront Hall
4. Hilton Hotel
5. Price, Waterhouse & Coopers.
6. The two wooden vertical pillars on each side of the bridge have been cut off (erased) at the top.
also: www.vangoghgallery.com/painting/p-0571
click: www.childs-ceng.demon.co.uk/pics/plank.html
7. The Earl of Donegal.
8. Because boaters could accidentally interfere with the aeration system pumps 26,000,000 bubbles of oxygenated air into the river every 4 hours to help keep it free of pollution.
It is intended to change the aeration system to a linear system, right along the length of the river.
Fish tank, aquarium, ponds, pools etc.
9. how can quantum gravity help explain the origin of the universe?
(The question mark is missing).
10. The missing street; Cairo Street.
Nick-name; The Holy Land.
Paintings, click: www.theo-zimmerman.freemove.co.uk/lowry.htm
11. The Jaffa Memorial built in honour of a wealthy Jewish family who built and paid for the first inter-denominational school and whose son went on to become Lord Mayor.
12. The Duke of Wellington.
13. Napoleon.
14. The work was created in 1999;
The artist was John Kindness;
The outer panels are ceramic tiles.
Glenwood Primary School; St. Comgall's Primary School; Everton Day Centre.
They are on the flow path of the Farset River.

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Did you think that your initial request was handled professionally and efficiently by our team?

How helpful did you find the information for teachers on our website?

Do you think that we helped you prepare well for the boat-trip? Did we offer suitable guidelines?

Did you encounter any problems in parking, embarking, collecting materials, worksheets etc?

Were your pupils able to follow the exercises on the worksheets without any difficulty?

Did your pupils find the boat-trip a pleasant and stimulating experience?

How helpful did you find the follow-up exercises?

How well did our worksheets relate to the CCEA Curriculum Review?

Have you used any of our suggested off-site links?

Are there any changes that we could effect which would provide a better service to teachers or pupils?

If you are pleased with the service of our team and benefits to your pupils, could we ask you to write up a short testimonial for our website?

Thank you for your assistance. Please don't forget to tell us who you are and the name of your school.