

Key Stage 2

Learning about the Northern Ireland Census

Lesson 1: Knowing Home

Time: Activity 1: The Northern Ireland Census (30 minutes)

Activity 2: Understanding the Median (20 minutes)

Activity 3: Around the Corner (40 minutes)

Learning Intentions

Children will learn:

- what the Northern Ireland census is;
- what the terms population, household, census and median mean;
- more about the physical features of Northern Ireland;
- about generating data that you can trust; and
- how to create pie charts and bar graphs using the CCEA chart creators.

What you need

- *Resource 1: Home Sweet Home*;
- *Resource 2: Places of Interest*;
- *Bar chart creator*;
- *Pie chart creator*; and
- laptops, computers or tablets for children to look up data themselves.

You can use this lesson or individual activities and resources at any time, but these may be most useful between January and April 2021 when other census activities are taking place.

Resources for this lesson are available at www.ccea.org.uk/census

Curriculum links: Mathematics and Numeracy (Communicating Mathematically and Handling Data); Language and Literacy (Talking and Listening); The World Around Us: Geography (Place); and Thinking Skills and Personal Capabilities (Managing Information).

Activity 1: The Northern Ireland Census

Use the *Knowing Home* presentation slides (1–8) and notes and *Resource 1: Home Sweet Home*.

- Watch the *What is the Northern Ireland census?* animation (2 minutes long).
- Discuss the history of census taking and the key facts about the Northern Ireland census in particular.
- Use the presentation to learn more about the census.
- Discuss with the children how NISRA update their statistics in the years between censuses. See if the children can roughly indicate where the school is on the blank map.
- Explore the map of Northern Ireland picking out key features, locating the school and asking the children to guess the population of Northern Ireland.
- Children complete *Resource 1: Home Sweet Home* and discuss the answers as a class.
- Encourage the children to guess what the population of Northern Ireland is and to keep a record of it to refer to at the start of Activity 2.

Key Stage 2

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Activity 2: Understanding the Median



Use the *Knowing Home* presentation slides (9–10) and notes.

- Discuss the population, household and age range information.
- Ask the children if they have any suggestions for what the term 'median age' might mean.
- Check that all the children know their dates of birth.
- Go outside or into a space large enough for the class to line up in a straight line.
- Ask the children to line up in the order that they were born.
- Explain that you are looking for the child born right in the middle. If there are 31 children in the group, identify the sixteenth child born. Demonstrate that this is the middle child by asking a child from each end of the line to sit down, one at a time, until only the median or middle child is left standing.

Try this at home ...

Use *Resource 2: Places of Interest*.

- Ask the children to complete *Resource 2: Places of Interest* about tourist attractions in Northern Ireland.
- Children will need access to the internet to complete *Resource 2: Places of Interest*.
- Answers can be checked as a class using *Knowing Home* presentation slides (11–15) and notes.

Activity 3: Around the Corner

Use the *Knowing Home* presentation slides (11–20) and notes, and completed copies of *Resource 2: Places of Interest*.

- Use the information collected on the *Places of Interest* homework sheet to create a tally chart of which places the children have visited.
- Use the *Bar chart* creator and *Pie chart* creator to present these findings either as a class or individually. You may use other software programmes or create a written presentation.
- Does the class prefer the pie chart visual or the bar chart visual – why?
- Stress that there is no correct answer to this question – this is a matter of opinion.

Key vocabulary

bar chart	census	decade	emigration	estimate	frequency table
future	guess	household	immigration	local	median
national	order	past	pie chart	population	tourist attraction
Roman	tally	present			



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Curriculum links

Mathematics and Numeracy

- **Data Handling**
 - collect, classify and present data drawn from a range of meaningful situations, using graphs, tables, diagrams and ICT software.
- **Communicating Mathematically**
 - understand mathematical language and use it to discuss their work and explain their thinking;
 - present information and results clearly.

Language and Literacy

- **Talking and Listening**
 - participate in class and group discussions for a variety of curricular purposes.

World around Us: Geography

- **Place**
 - explore features of and variations in different places, including physical and human.

Thinking Skills and Personal Capabilities

- **Managing Information**
 - select, classify, compare and evaluate information;
 - use a range of methods for collating, recording and representing information.

Resource 1

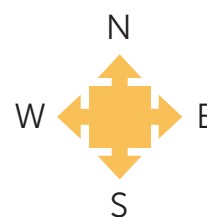
Home Sweet Home

Let's Count!

Home Sweet Home

Let's see what you can find out about this special place.

Map of Northern Ireland



- Capital city
- Second city
- Other Settlements

1. Mark where you live on the map.
2. What is the name of the capital city? _____
3. What is the name of the island off the North Coast? _____
4. How many rivers flow into and out of Lough Neagh? _____
5. Name the waters around Northern Ireland: I _ _ _ Sea, N _ _ _ Channel, and the N _ _ _ A _ _ _ _ Ocean.
6. Unscramble the names of these towns:

s k w C n t o n o o _____
 S e r b a t n a _____

n a e L r _____
 r B n a g o _____



Resource 1

Home Sweet Home

7. Name the two parts of the other inland lough marked on the map:

_____ Lough _____ and _____ Lough _____.

8. Find the river Bann and mark it with a heavy blue line. Be sure to colour both the Upper and the Lower Bann. This is our longest river. It is 129 kilometres long. Sometimes Northern Ireland is divided into east of the Bann and West of the Bann.

Resource 2

Places of Interest

Let's Count!

Places of Interest

Northern Ireland is full of beautiful, fascinating places. Let's see if you can name a few of them.

Look online to identify these tourist attractions and indicate whether or not you have visited them. If you are not sure, ask someone at home.

Home learning focus

I am learning that there are interesting rural and urban places to visit all across Northern Ireland.



P _ _ _ _ Bridge

Have you visited? Yes No



B _ _ _ _ _ Gardens

Have you visited? Yes No



M _ _ _ _ _ Temple

Have you visited? Yes No



D _ _ _ _ _ Island

Have you visited? Yes No

Resource 2

Places of Interest

Let's Count!



Lough N _ _ _ _

Have you visited? Yes No



B _ _ _ _ _

Have you visited? Yes No



D _ _ _ _ _ Castle

Have you visited? Yes No



G _ _ _ _ ' _ Causeway

Have you visited? Yes No