



Senior Classes

Lesson Two

Theme

The Census in Ireland

Objectives

That the child will be enabled to learn about:

- the history of the census in Ireland
- Census 2002
- the Census 2002 motto

Key Messages

- The census has been conducted in Ireland every five or ten years since 1841.
- Census 2002 will be conducted on April 28th. Every householder must complete and return the questionnaire.
- The census provides the knowledge to build our future.

Follow-Up Activities

- Census Codes and Clues
- Fractured Fractions
- Census Years / Carroll Sort

Integration/Linkage

- **Maths:** Number – Fractions/Number operations/ Data Representation
- **English:** Oral Language / Vocabulary Development

Teacher's Notes

Talk and Discussion

- Revise the key learning points from Lesson One.
- Discuss the history of the census in Ireland with the children.
- List the years in which the census was held on the blackboard

The following information on the Census could be shared with the children:

History of Census in Ireland

Commencing with 1841, censuses were held every ten years up to and including 1911. Can you list the census years? How many censuses were held? (Number skill - counting on in tens)

The next ten-year cycle resumed with the 1926, 1936 and 1946 censuses? How many years were between the first and second set of censuses? (15 years)

Starting in 1951, censuses were held every five years. This continued until 1976 when the census that year was cancelled due to budgetary cutbacks (Number skill – counting on in fives). Discuss cost of conducting census – recruiting and training staff, transport costs, administration costs, technology, and publishing results...

A census containing only 6 questions was held in 1979. Can you suggest what these questions were?

Censuses continued from then until 2001 (last year). This census was postponed until 2002. Have you any idea why? (Foot and Mouth Disease)

Using the above clues, list the census years and establish how many censuses we have had in Ireland? 1841, 1851, 1861, 1871, 1881, 1891, 1901, 1911, 1926, 1936, 1946, 1951, 1956, 1961, 1966, 1971, 1979, 1981, 1986, 1991, 1996. (21)

- * This talk and discussion session could be followed up with the 'Census Years' or 'Carroll Sort' activities.
- * The 'Census 2002' theme could be introduced to the children in a Question / Answer session. In groups of 3 / 4, children could draw up a list of 5 / 6 questions they have about Census 2002. The children then ask the questions to the entire class / teacher.
- * Follow-up activities: Census Codes and Clues / Fractured Fractions / Children design a census information pamphlet for the public (A4 sheet folded into 3).

Census 2002

Census 2002 is the first census to be conducted in the new millennium (How many years in a millennium, century, and decade? What century are we in now?)

The census will be conducted by the Central Statistics Office on April 28th 2002 – the last Sunday in April (this point provides an opportunity to work on the calendar).

The full co-operation of the public is essential for the success of the census.

Key questions:

When will the public receive census forms?

Census forms will be delivered 4 weeks prior to Census Day and will be collected during the following four weeks by Census Enumerators.

Who will complete the census form?

- The householder or an adult present on the night of Sunday 28th April 2002.
- The person in charge of a communal establishment e.g. hotel, hospital, barracks...
- The person in charge of any vessel in Irish territorial waters on that night.

Who should be covered?

Everyone who spends Census Night in the country.

Is it compulsory to complete the census form?

There is a legal requirement on the public to participate in the census. Any person who fails or refuses to provide the information requested on the census form or who provides false information may be subject to a fine of up to 25, 000 euro.

What does the census form look like?

The census form is a 24-page booklet catering for 6 persons in each household. If there are more than six persons in the house on Census night, a continuation booklet should be used.

Extensive use has been made of tick-boxes, while responses that require written answers will be entered in text boxes.

The form has been designed with scanning in mind. It is important to use a black / blue pen when completing the form as information will be scanned into a computer.

Are there any new questions on the census form?

A census pilot test was carried out in 1999. It was then decided to put a number of new questions on the census form. These include:

- PC ownership and access to the Internet
- Nationality
- Membership of the Irish Traveller Community
- Disability
- Time of leaving home to go to work, school, college... and time taken
- Third level qualifications held
- Providing regular unpaid help for another
- Labour market participation according to International Labour recommendations

Discuss with the children why these questions are asked and how this information will help in building the future.

What if I am not familiar with the Irish or English language?

The census form has been translated into many languages e.g. Albanian, French, Polish, Romanian, Russian... to assist those who do not understand Irish or English.

What if I cannot read the Census form?

Special arrangements have been put in place to assist visually impaired persons.

The enumerator is trained to offer assistance to visually impaired persons.

A large print version of the census form is available.

The census form is also available in Braille or on audiotape.

When will the results of Census 2002 be published?

The preliminary results of Census 2002 will be published within 3 months of Census day.

How can I prepare for Census day?

Learn about the census – what it is, why / how it is conducted...

Familiarise yourself with the census form – it can be viewed on the Central Statistics Office website. The web address is www.cso.ie

If you have any queries, contact the CSO or ask the census enumerator when he/she arrives with the census form.

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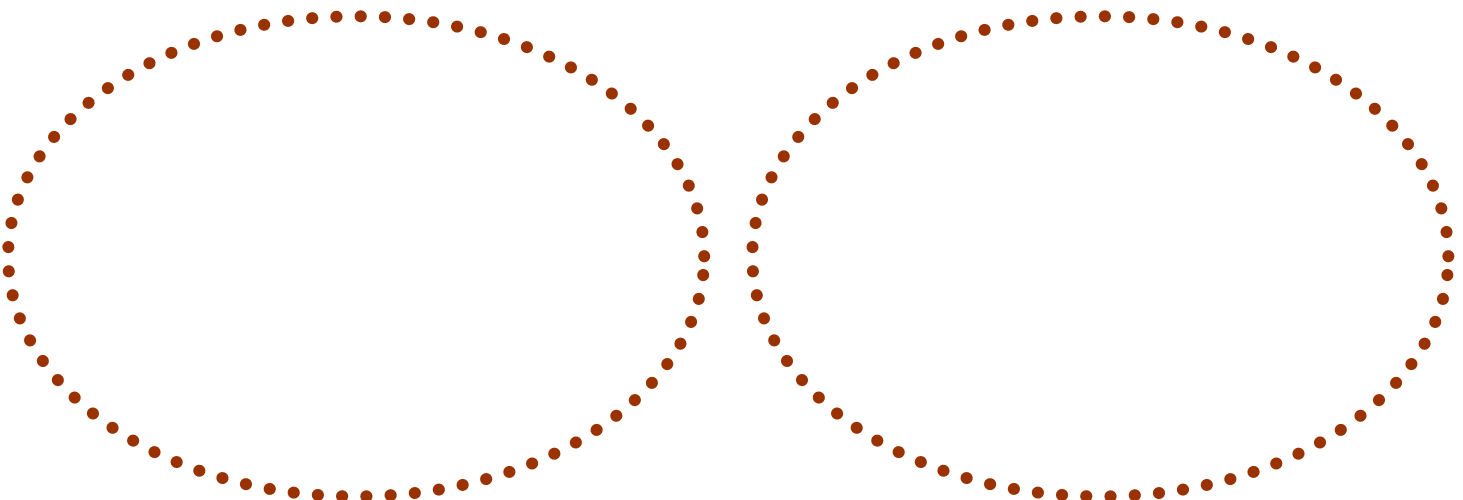
Census Years

Look at the following clues and try to list the years the census has been conducted in Ireland.

- * Commencing with 1841, censuses were held every ten years up to and including 1911.
- * The next ten-year cycle resumed with the 1926, 1936 and 1946 censuses.
- * Starting in 1951, censuses were held every five years. This continued until 1976 when the census that year was cancelled due to budgetary cutbacks.
- * A census containing only 6 questions was held in 1979.
- * The five yearly cycle resumed again in 1981 until 1996.
- * The 2001 census was postponed until April 2002.

Make your list and find the total number of census years:

Sort the above census years into two sets – those that were conducted in the 19th century and those that were conducted in the 20th century.



19th Century
Total:

20th Century
Total:

Carroll Sort

Use the list of census years to complete the following task.

Sort the Census years:

- * By century
- * By odd / even number
- * Enter your data in the Carroll Diagram

	19th Century	20th Century
Odd Numbers		
Even Numbers		

Carroll Sort

Use the list of census years to complete the following task.

Sort the Census years:

- * By century
- * By odd / even number
- * Enter your data in the Carroll Diagram

	19th Century	20th Century
Odd Numbers	1841 1851 1861 1871 1881 1891	1901 1911 1951 1961 1971 1979 1981 1991
Even Numbers		1926 1936 1946 1956 1966 1986 1996

Census Codes and Clues

Use the following code to find the message:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	1	25	2	24	3	23	4	22	5	21	6	20	7	19	8	18	9	17	10	16	11	15	12	14	13

10 - 4 - 24 21 - 7- 19 -15 -6 -24 -2 -23 -24 10 -19 1 -16 -22 -6 -2

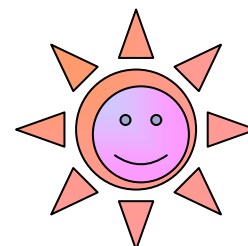
14 -19 -16 -9

3 -16 -10 -16 -9 -24

* * * * *

Use the clues below to complete this number puzzle:

1.			2.	3.		4.	
		5.				6.	
			7.	8.			
	9.					10.	
	11.						
12.			13.	14.			
	15.				16.		
	17.					18.	



Across	Down
<p>1. Census date</p> <p>2. Year of first Irish census</p> <p>4. Census was first held every ___ years.</p> <p>5. Hours in week</p> <p>8. Number of questions in 1979 census</p> <p>9. A recent census year - palindrome</p> <p>11. Days in a leap year</p> <p>12. Years since first census</p> <p>15. Number of letters in enumerator</p> <p>17. According to the pattern, when will the next census be?</p>	<p>1. Census Year</p> <p>3. One day less than days in Spring</p> <p>4. Months in year</p> <p>5. Last Irish census</p> <p>6. Year of census postponement</p> <p>7. Months with 30 days</p> <p>10. Number of letters in Spring months</p> <p>13. How many censuses have been held in Ireland?</p> <p>14. How often is the census now held in Ireland?</p> <p>16. Total / Product prime numbers in census year</p> <p>18. 25% of census date</p>

Solution to Census Codes and Clues

Find the Message:

The Knowledge to Build Your Future

Number Puzzle:

2	8		1	8	4	1	0
0		1	6	8		2	2
0		9		4	6		0
2	1	9	9	1		1	0
	3	6	6			8	1
1	6	1		2	5		
	1	0		1		4	
	2	0	0	6			7

Fractured Fractions

1. Middle $\frac{3}{5}$ of OTHER	2. First $\frac{3}{5}$ of KNOCK
3. Last $\frac{1}{6}$ of WINDOW	4. First $\frac{2}{9}$ of LETTERBOX
5. First $\frac{2}{8}$ of DATA	6. Last $\frac{1}{8}$ of DWELLING
7. First $\frac{1}{10}$ of ENUMERATOR	8. First $\frac{1}{4}$ of TOGETHER
9. First $\frac{1}{2}$ of BUSY	10. Last $\frac{3}{5}$ of CHILD
11. First $\frac{6}{10}$ of YOUTH	12. First $\frac{1}{7}$ of RESPOND
13. First $\frac{2}{10}$ of FORMS	14. Second $\frac{1}{6}$ of SURVEY
15. Middle $\frac{1}{3}$ of RETURN	16. First $\frac{5}{10}$ of READ

Decode the Message!



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Fractured Fractions – Solution

The Knowledge to Build your Future

Middle $\frac{3}{5}$ of OTHER = T H E

First $\frac{3}{5}$ of KNOCK = K N O

Last $\frac{1}{6}$ of WINDOW = W

First $\frac{2}{9}$ of LETTERBOX = L E

First $\frac{2}{8}$ of DATA = D

Last $\frac{1}{8}$ of DWELLING = G

First $\frac{1}{10}$ of ENUMERATOR = E

First $\frac{1}{4}$ of TOGETHER = T O

First $\frac{1}{2}$ of BUSY = B U

Last $\frac{3}{5}$ of CHILD = I L D

First $\frac{6}{10}$ of YOUTH = Y O U

First $\frac{1}{7}$ of RESPOND = R

First $\frac{2}{10}$ of FORMS = F

Second $\frac{1}{6}$ of SURVEY = U

Middle $\frac{1}{3}$ of RETURN = T U

First $\frac{5}{10}$ of READ = R E