











Quick View

There are 3 parts to this lesson:

1	Introduction: Looking at homework responses	 
2	Sample sizes, presenting information	  
3	Plenary: Review of the unit	    
	Homework: This ask pupils to produce a revision sheet for this unit of work	

Delivery

1. Introduction: Looking at homework responses

Review the homework and how they managed to complete the quizzes.

Develop this by:

- Asking if there were any types of questions that were easier to answer than others
- What types of questions were difficult?
- Where any questions ambiguous? What does this mean?
- How could the quizzes be changed for the better?

Show pupils the language cards **language3** for this lesson.

2. Sample sizes, presenting information

When looking at responses, in particular with questionnaires, the size of the 'sample' is important.

Develop this by:

- What is meant by the term 'sample size'?
- Why they think it is important - give examples.
- What are the drawbacks of a small sample?
- What are the disadvantages of using a large sample?

Responses can be represented in many ways including graphs/charts.

Show pupils the presentation about sample sizes and presenting information. There are **notes3a** to accompany it.

Group activity

Show **presentation3a** on a large screen

Individual

Pupils access this from **activity 3 / task**

You may wish to show pupils relevant graphing skills.

Give out **worksheet3b** - presenting information.

3. Plenary: Review of the unit

Review the unit, asking questions about:

- Local knowledge
- Quizzes and questionnaires
- Gathering resources
- Sample sizes and presenting information

Pupils are encouraged to find and evaluate 'online quizzes' and to reflect on how their own quiz could be adapted.

Homework:

Hand out **homework3**.

As this is the final lesson, ask pupils to produce a revision sheet for this unit of work.

You may feel it appropriate to provide the homework sheet in electronic format for those pupils with computer access at home. Consideration should then be given to:

- How they would return the work and the style - electronic or printed
- Virus protection
- Authenticity of the work

Objectives

Finding information & evaluating

Pupils should be able to:

- use information from primary and secondary sources
- search for information, altering and developing the search as appropriate, checking findings for plausibility
- act purposefully on feedback

Pupils should be taught to:

- Understand 'sample size'.
- Know when a graph can be used to help present information.
- Import information into a new presentation.

Preparation

Have you:

- Identified the key elements of this lesson
- Copied any worksheets or homework sheets
- Understood the school ICT policy in the areas that may affect this lesson
- Thought about the seating arrangements for any large group demonstration
- Checked that the whiteboard or large screen has been set up
- Prepared any work that teaching assistants may require
- Practised the skills required that need demonstrating
- Prepared any key word displays

Required IT skills for this lesson: Demonstrations are available in the unit

Using a large screen / whiteboard

Creating graphs

Differentiation & Extension

Consider the following for some pupils:

- Examples of graph types
- Examples of web sites that show questionnaire responses
- Guidelines for creating a revision sheet

The following resources are available to pupils. Printable versions are available by accessing the 'all resources' within each lesson. These may be useful for reinforcement, extension or general support:

- 2 Wordsets with audio support
- 2 Wordsearch activities
- 2 Interactive crosswords

Homework & Language

Homework:

Hand out **homework3**.

As this is the final lesson, ask pupils to produce a revision sheet for this unit of work.

You may feel it appropriate to provide the homework sheet in electronic format for those pupils with computer access at home. Consideration should then be given to:

- How they would return the work and the style - electronic or printed
- Virus protection
- Authenticity of the work

Language for learning:

sample

outcome

response

discussion

Resources

For this lesson:

You will need:

- Large screen display or whiteboard
- Access for pupils to **Unit 7.2 > Activity 3**
- Microsoft PowerPoint
- Graphing software or tools within another program e.g. Microsoft Excel

Teacher Resources:

These are accessed by opening the **Teacher Resources File** on the CD (or network).



By default, the teacher PowerPoint resources are linked to Microsoft 2000 files although Microsoft '97 and HTML versions are also available from within the resources folder. Pupils will access a PowerPoint Show.

Resource Description	Filename	Format
Language Cards	language3	Word PDF
Presentation on Samples	presentation3a	PowerPoint
Notes on presentation	notes3a	Word PDF
Worksheet on presenting information & samples	worksheet3b	Word PDF
Activity sheet	task3	Word PDF
Summary sheet	summary3	Word PDF
Homework sheet	homework3	Word PDF
Answer sheet	act3answers	Word PDF

Pupil Resources:

These are accessed by opening the **Pupil Resources File** on the CD (or network).

Resource Description	Filename	Format
Pupil activity sheet	task3	Word PDF
Summary sheet	summary3	Word PDF
Worksheet on presenting information & samples	worksheet3b	Word PDF
Homework sheet	homework3	Word PDF