

Lesson: Watching the Goggle Box		
Learning Objectives:		
<ul style="list-style-type: none"> • Interpret data and graphs. • Manipulate data to answer questions/draw conclusions. • Research information on a theme. • Investigate viewing trends of the UK population. 		
Starter: Use the bar chart (available as a word file or as part of the dataset), either on OHT or on a whiteboard. Hide axes' labels. Pupils guess labels giving reasons for their answers. Give pupils a list of the durables to help them. Q&A session. (If using a whiteboard, use text boxes to cover labels and move as necessary.)	Pupils Guess at labels giving reasons for their answers. Answer questions.	Teacher Help pupils in correctly labelling the graph. Reveal labels. Question pupils on the graph. See notes for ideas.
Main: Use the datasheet and spreadsheet to answer questions on TV viewing. The spreadsheet contains the data/graphs used on the datasheet. Use question sheet for ideas.	Pupils Answer questions to build a full picture about TV viewing in the UK.	Teacher Give pupils access to spreadsheet and datasheet. Assist pupils in interpreting data, answering questions and plotting graphs.
Main cont./Plenary: Survey class to find out about their viewing habits. Make comparisons with the official data. Discuss and display findings. Question ideas: Minutes spent viewing TV, gender differences, which types of programmes watched, top 5 popular programmes.	Pupils Participate in class survey. Manipulate data and make comparisons. Exhibit their findings and conclusions.	Teacher Ask appropriate questions to make comparisons. Aid pupils in collecting class data (using a whiteboard and collecting electronically will facilitate processing). Display results.
Outcomes:		
All pupils will: Try and label bar chart, attempt questions, participate in class survey.		
Most pupils will: Interpret graphs and data. Answer questions, discuss and process class data.		
Some pupils will: Draw conclusions from data, provide sound reasons for responses, access extension tasks.		
Resources: Spreadsheet, datasheet, OHT of Starter Graph (or whiteboard), questions, display materials.		
Classroom Management: Whole class, individual work on questions, access to ICT facilities.		
Keywords: Television, Viewing, Data, Bar Chart, Tables, Consumer Durable, Interpretation, Genre, Average.	KS3 Strategy Links/NC/ Cross-Curricular Links: Maths: MA4 Data Handling/NNS KS3 pages 248-276 ICT: Finding things out (KS3 Strategy) Citizenship: 1h/2a Media: Looking at TV viewing trends.	
Prior Knowledge: Simple graph plotting and data interpretation.		
Assessment of Learning: Whole Class Discussion, Answers to questions, Participation in class survey, Analysis of findings.		
Extension Activity: Investigate the link in 'notes' section. Look at trends in cinema attendance or another leisure activity.		
Homework Ideas: Previous week complete questionnaire survey about viewing habits, to use in the Main/Plenary section of this lesson. e.g. time how long they watch TV for, types of programmes watched etc.		

Notes:

Starter:

For the ONS Summary see:

<http://www.statistics.gov.uk/CCI/nugget.asp?ID=868>

Suggested questions:

Why is there no data for DVD players in 1998-9? Which Durable has seen the biggest increase? What do you think the graph will look like in 5 years time? Do you think the percentages for any of the durables will decrease? Why? What affects the percentage? Can you think of other durables that could be put onto the graph for comparison?

Main/Extension:

Follow this link to further investigate data on TV Viewing

<http://www.statistics.gov.uk/cci/nugget.asp?id=572>

Or search the site www.statistics.gov.uk.

Your own notes/questions:

Notes on lesson/evaluation



This resource was created by the Office for National Statistics at www.statistics.gov.uk