



Baljaffray Primary School  
Numeracy and Mathematics Home Learning for Absences

Second Level Numeracy and Mathematics  
Learning Steps Progression

**GAMES WEBSITES**  
for Multiple Concepts at Different Levels

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://www.topmarks.co.uk/maths-games/daily10>

<https://sct.mathgames.com/skills/>

<https://www.ictgames.com/mobilePage/index.html>

<http://www.snappymaths.com/>

<https://www.topmarks.co.uk/Flash.aspx?f=intheboxv2>

<https://mathsframe.co.uk/en/resources/resource/563/Snowball-Smash>

[http://www.mrcrammond.com/curriculum\\_for\\_excellence\\_maths.html](http://www.mrcrammond.com/curriculum_for_excellence_maths.html)

<https://www.transum.org/Software/Game/>



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Second Level Numeracy and Mathematics Learning Steps Progression			
SECOND LEVEL		PHASE 6: PRIMARY 5	
<b>Curriculum Organisers</b>	<b>Data Analysis</b>	<b>Experiences and Outcomes</b>	<p><i>Having discussed the variety of ways and range of media used to present data, I can interpret and draw conclusions from the information displayed, recognising that the presentation may be misleading. <b>MNU 2-20a</b></i></p> <p><i>I have carried out investigations and surveys, devising and using a variety of methods to gather information and have worked with others to collate, organise and communicate the results in an appropriate way. <b>MNU 2-20b</b></i></p> <p><i>I can display data in a clear way using a suitable scale, by choosing appropriately from an extended range of tables, charts, diagrams and graphs, making effective use of technology. <b>MTH 2-21a</b></i></p> <p><i>Having discussed the variety of ways and range of media used to present data, I can interpret and draw conclusions from the information displayed, recognising that the presentation may be misleading. <b>MNU 2-20a</b></i></p> <p><i>I have carried out investigations and surveys, devising and using a variety of methods to gather information and have worked with others to collate, organise and communicate the results in an appropriate way. <b>MNU 2-20b</b></i></p> <p><i>I can display data in a clear way using a suitable scale, by choosing appropriately from an extended range of tables, charts, diagrams and graphs, making effective use of technology. <b>MTH 2-21a</b></i></p>
<ul style="list-style-type: none"> <li>•I can independently collect, organise, display and interpret information using bar graphs, tables and charts</li> <li>•I can analyse and draw conclusions from information presented in simple tables and bar graphs to show awareness of significance of the data</li> <li>•I can use a simple data base to extract information</li> <li>•I can create a bar graph using digital technologies</li> </ul>			



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**USEFUL ONLINE GAMES**

Carroll Diagram (Level 4): <https://www.topmarks.co.uk/carroll-diagrams/odd-and-even>

Bar Charts: <https://www.topmarks.co.uk/Flash.aspx?f=barchartv2>

Bar Charts (Level 1): [https://mathsframe.co.uk/en/resources/resource/51/bar\\_charts](https://mathsframe.co.uk/en/resources/resource/51/bar_charts)

**TEACHING**

<https://www.bbc.co.uk/bitesize/topics/zw3g87h/articles/znp66v4> - How do I record and display data?

<https://www.bbc.co.uk/bitesize/topics/z9fv4wx/articles/zbkrrj6> - How can data be displayed?

[https://www.youtube.com/watch?v=ht\\_GLRwi180](https://www.youtube.com/watch?v=ht_GLRwi180) - How to Make a Bar Graph in PowerPoint

**WRITTEN TASKS (ALL IN FILES ON TEAMS)**

**Scottish Heinemann Maths 5: Data Analysis**

SHM5 p119 - Data Handling: bar charts, scale 1 to 4

SHM5 p120 - Data Handling: bar line charts, 2mm grid

SHM5 p121 - Data Handling: interpreting a database

SHM5 p122 - Data Handling: interpreting results

SHM5 p123 - Data Handling: problem solving and enquiry, working systematically

**TJ Homework Book 1b, Chapter 20: Statistics (Data Analysis)**

- Consolidation, p87
- Exercise 1, p88

**White Rose Maths - Data Analysis Resources**

Year 4 Data Analysis Activities

Year 4 Data Analysis Challenges

Year 4 Data Analysis End of Unit

Year 4 Data Analysis End of Unit Answers