



**Year 8**

**Pathway 2/3/4**

**Computing - Term 2**

**Learning Intention:** Data, Collecting Data, Interpreting Data Results

Students need to be aware that a computer is a powerful tool for collecting and interpreting information or data. This unit explores how to use Microsoft Word to create surveys and tally charts. Students will create their own survey, obtain results from other students and interpret these results creating tally charts and tables.

**Key knowledge that should be learned during this SoW**

**All**

**Most**

**Some**

**Concept:**

Students will work through the unit completing focused activities in groups and independently to: familiarise themselves with data, how to collect data and how to interpret data.

**Knowledge:**

- Grow an understanding of data and data collection
- Continue to expand on their awareness of the subject area
- Students begin to understand what open and closed ended questions are.

- Try to find and select information that informs and clarifies the task
- Begin to show an awareness of the ways a lack of information limits their work
- Analyse information visual/verbally
- Students research their topic before writing questions about it

- Students to draft their own survey
- Suggest alternative ways the data could have been collected

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| <p><b>Key Skills:</b></p>                           | <ul style="list-style-type: none"> <li>● Learn/improve new skills on the computer</li> <li>● Students can invite other staff, students to participate in their survey- explain how this can lead to a larger variety of data.</li> </ul>  | <ul style="list-style-type: none"> <li>● Students can be confident inserting tables and creating tally charts</li> <li>● Students can share their data results with the class</li> </ul> | <ul style="list-style-type: none"> <li>● To be introduced to Excel and taught to create graphs</li> </ul> |
| <p><b>Language and/or communication skills:</b></p> | <ul style="list-style-type: none"> <li>● Data</li> <li>● Excel</li> <li>● Survey</li> </ul>   | <ul style="list-style-type: none"> <li>● Results</li> <li>● Analyse</li> <li>● Tally Chart</li> </ul>  | <ul style="list-style-type: none"> <li>● Graphs</li> <li>● Draft</li> </ul>                               |
| <p><b>Curricular Links</b></p>                      | <p>Links to other learning within the subject are:</p> <p><b>English-</b> Using the internet to effectively research a topic area and record this information in own words.</p> <p><b>PSHCE-</b> Knowing what to do if something they see online is inappropriate and having the confidence to report this to an adult.</p> |  |   |