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|------------------|-----------|-------|--------|---|
| Learning journey | Computing | Excel | Year 5 |  |
|------------------|-----------|-------|--------|---|

| Building on prior learning   | Theme overview   | Preparing for future learning   | Vocabulary  |
|--|--|---|---|
| During the previous unit, the children built on their knowledge of multimedia and PowerPoint from the previous Y3 and Y4 units. They learnt how to edit text in bulk by dragging the mouse and highlighting the text. The children investigated how to use animation to interest their audience, understanding that it needs to be used for a purpose. | In this unit, the children will build on their information technology skills to introduce new software (excel) and have a more advanced understanding of how to use word processing software. They will look at how to format cells by changing the line an colour of different aspects of the cells and learn how to create a simple table using the Excel software and represent data in that table. | In the next unit of Excel in Y6, the children will build on this foundation of knowledge acquired in this unit to create charts using data that has been inputted into a table and start to use simple formulas to find the total, average, minimum amount and maximum amount of a given set of data. | Excel<br>Cell<br>Table<br>Data<br>Collection<br>Format<br>Change<br>Representation<br>Column<br>Row<br>Resize |

| NC coverage and HWJS skills development   | Knowledge organisers   |
|---|--|
| <p><b><u>National curriculum coverage</u></b></p> <p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p> <p><b><u>HWJS skills development</u></b></p> <p>Begin to explore simple formulae to help atomise data sheets and improve efficiency.</p> <p>Analyse information and question data including identifying poor quality data.</p> <p>Reflect on the effectiveness the layout.</p> | <p>I can to fill a cell with colour.</p> <p>I can add a border to a cell and know that I can resize any cell to how it is needed.</p> <p>I can add an extra column and row to a spreadsheet.</p> <p>I can create a simple table.</p> <p>I can present simple numerical data in a table, adding a clear border.</p> |

| <b><u>Connections / deepening understanding</u></b>                                | <b><u>RADE</u></b>               | <b><u>Assessment</u></b><br>By the end of the unit the children will be able to ...<br>Details of the objectives that they will have covered within this unit of work   |                                |
|--|----------------------------------|---|--------------------------------|
|  | Collaboration<br>Deeper thinking | <p><b>The pupils will be assessed through</b> ongoing assessment through teacher observation and pieces of work produced throughout the sessions.</p> <p><b>By the end of the unit the children will be able to</b> create a simple table using Excel by formatting the cells in the spreadsheet.</p> |                                |
| <b>Assessment recording for the unit - checking the level of pitch of the work</b> |                                  |   |                                |
| <b><u>Key skill(s)/ knowledge to be assessed by the end of the unit</u></b>        | <b><u>Lower attaining</u></b>    | <b><u>Middle attaining</u></b>  | <b><u>Higher attaining</u></b> |
| I know how to format cells in excel to create a simple table.                      |                                  |   |                                |
| I can analyse information and question collected data that has been represented.   |                                  |   |                                |

NB: The assessments are completed for two reasons – to enable the class teacher and in turn the subject leader to evaluate the pitch of the learning within the unit in order to consider any necessary updates and for the class teacher to report to parents on the attainment of pupils in the end of year reports