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| **Year 4 - Building and assessing the conceptual understanding and learning – Statistics** | | | |
| **End of Year Expectations:**  Pupils should be taught to:   * interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs * solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. | | **Non-statutory guidance:**  Pupils understand and use a greater range of scales in their representations.  Pupils begin to relate the graphical representation of data to recording change over time.    **See NCETM “Teaching for Mastery” Year 4 book – statistics**  https://www.ncetm.org.uk/public/files/23305622/Mastery\_Assessment\_Y4\_Low\_Res.pdf | |
| **Autumn** | **Spring** | | **Summer** |
|  | * Interpret and present discrete data using bar charts and continuous data using line graphs * Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and simple line graphs.   Statistics can be taught through topic work, making links to, for instance geography, science, P.E. history. This will free up maths time to allow for more flexibility to extend and deepen learning in other domains.  Data handling software can also support these objectives, making links to computing. | | |

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|  | Key questions:   * Can I answer a range of questions about information presented in a range of graphical representations, including bar charts, pictograms, tables and simple line graphs? * Can I interpret the key information that is presented? * Can I present discrete and continuous data, making decisions about the most appropriate graphical representations? * Can II present and interpret information using a greater range of scales? |