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| **Year 3 - Building and assessing the conceptual understanding and learning – Statistics** |
| **End of Year Expectations:**Pupils should be taught to: * interpret and present data using bar charts, pictograms and tables
* solve one-step and two-step questions such as “How many more?” and “How many fewer?” using information presented in scaled bar charts and pictograms and tables.
 | **Non-statutory guidance:**Pupils understand and use simple scales (e.g. 2, 5, 10 units per cm) in pictograms and bar charts with increasing accuracy. They continue to interpret data presented in many contexts.   |
| **Autumn** | **Spring** | **Summer** |
| * Record information in tally charts and frequency tables – use to draw simple bar charts and pictograms
* interpret and present data using bar charts, pictograms and tables – focusing on one step questions

  | Where appropriate, opportunities can be found to use and apply knowledge and understanding of representing and interpreting data in other areas of the curriculum.  | Opportunities should be found in other areas of the curriculum to re-visit learning in statistics (e.g. history, geography, science, topic work, PE to give opportunities to further consolidate autumn learning moving into solving one and two-step questions such as ‘How many more?’ and ‘How many fewer?’ using information presented in scaled bar charts and pictograms and tables |

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| **Key questions:*** Can I choose and appropriate representation for presenting data (e,g, a bar chart, a pictogram or a table), explaining why the one I have chosen is the most suitable?
* Can I interpret data presented in bar charts, pictograms and tables, answering a range of questions?
* Can I demonstrate that I can read a range of scales in pictograms and bar charts?
 | **Key questions:**In cross curricular opportunities, can I apply my understanding of representing and interpreting data, confidently answering a range of one and two-step problems? **See NCETM “Teaching for Mastery” Year 3 book –statistics**https://www.ncetm.org.uk/public/files/23305581/Mastery\_Assessment\_Y3\_Low\_Res.pdf |