

Maths Knowledge Progression

This document sets out the expectation for Maths learning in each term for each year group. It is divided into sections within different parts of the maths curriculum.

Garden Class

| | EYFS | | | Year 1 | | | Year 2 | | |
|---|--------|--------|--------|------------|--------|--------|--------|--------|---|
| | | | | Statistics | | | | | |
| | Autumn | Spring | Summer | Autumn | Spring | Summer | Autumn | Spring | Summer |
| Interpreting, constructing and presenting data. | | | | | | | | | Interpret and construct simple pictograms, tally charts, block diagrams and simple tables |
| | | | | | | | | | Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity |
| | | | | | | | | | Ask and answer questions about totalling and comparing categorical data. |

Maths Knowledge Progression

Lower KS2

| | Year 3 | | | Year 4 | | |
|---|--|--|---|--|--|---|
| | Statistics | | | | | |
| | Autumn | Spring | Summer | Autumn | Spring | Summer |
| Interpreting, constructing and presenting data. | Interpret and present data using pictograms. | Interpret and present data using bar charts | Interpret and present data using bar charts | Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts | Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts | Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts with continuous data using time graphs |
| Solving problems | solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled pictograms | Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts | Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled tables. | solve comparison, sum and difference problems using information presented by pictograms. | solve comparison, sum and difference problems using information presented in tables. | solve comparison, sum and difference problems using information presented in bar charts, tables and other graphs. |

Upper KS2

| | Year 5 | | | Year 6 | | |
|---|---|--|---|--|--|---|
| | Statistics | | | | | |
| | Autumn | Spring | Summer | Autumn | Spring | Summer |
| Interpreting, constructing and presenting data. | complete, read and interpret information presented in a line graph | complete, read and interpret information in tables, including timetables. | complete, read and interpret information in tables, including timetables. | calculate the mean as an average. | calculate and interpret the mean as an average. | calculate and interpret the mean as an average. |
| Solving problems | solve comparison, sum and difference problems using information presented in frequency tables | solve comparison, sum and difference problems using information presented in line graphs | | interpret and construct pie charts and conversion graphs (non-statutory) and use these to solve problems | interpret and construct pie charts and line graphs and use these to solve problems | interpret and construct line graphs and use these to solve problems |

