**Maths Medium Term Planning**

**Year Six**

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| **WR Block: Statistics** | **Spring Term** |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Interpret and construct pie charts and line graphs and use these to solve problems.
* Calculate and interpret the mean as an average.
 | * Line graphs
* Dual bar graphs
* Read and interpret pie charts
* Pie charts with percentages
* Draw pie charts
* The mean
 | **Y5:*** Solve comparison, sum and difference problems using information presented in a linegraph.
* Complete, read and interpret information in tables, including timetables.
 | **KS3:*** Construct and interpret appropriate tables, charts, and diagrams, including frequency tables, bar charts, pie charts, and pictograms for categorical data, and vertical line (or bar) charts for ungrouped and grouped numerical data.
* Describe simple mathematical relationships between two variables (bivariate data) in observational and experimental contexts and illustrate using scatter graphs.
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| **Key Vocabulary****New Vocabulary:**mean (mode, median, range as estimates for this)statistics, distribution | **Key Vocabulary:****Previous Year Group:**Pie chart, database | **Stem Sentences**The horizontal axis shows \_\_\_. The vertical axis shows \_\_\_.At \_\_\_ the graph reads. At \_\_\_\_ the graph reads. The difference is \_\_\_.The first bar represents \_\_\_\_. The second bar represents \_\_\_\_.One part is worth \_\_\_\_. There are \_\_\_\_ equal parts altogether so the total is \_\_\_. |
| **Concrete, Pictorial, Abstract Models/ Calculations**   |