



Bierton CE Combined School
Maths Curriculum Map: Statistics



Progression of knowledge & skills

Year 2			Year 3		
<p align="center"><u>N.C. Link</u></p> <ul style="list-style-type: none"> interpret and construct simple pictograms, tally charts, block diagrams and 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 			<p align="center"><u>N.C. Link</u></p> <ul style="list-style-type: none"> interpret and present data using bar charts, pictograms and tables solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables 		
<p><u>When is this topic taught in our school?</u> Spring: Weeks 3/4 (total 1 week)</p>			<p><u>When is this topic taught in our school?</u> Summer: Week 1 (total 1 week)</p>		
<p><u>Curriculum Prioritisation:</u></p>			<p><u>Curriculum Prioritisation:</u></p>		
Year 4		Year 5		Year 6	
<p align="center"><u>N.C. Link</u></p> <ul style="list-style-type: none"> 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 		<p align="center"><u>N.C. Link</u></p> <ul style="list-style-type: none"> solve comparison, sum and difference problems using information presented in a line graph complete, read and interpret information in tables, including timetables 		<p align="center"><u>N.C. Link</u></p> <ul style="list-style-type: none"> interpret and construct pie charts and line graphs and use these to solve problems calculate and interpret the mean as an average 	
<p><u>When is this topic taught in our school?</u> Spring: Week 3/4 (total 1 week)</p>		<p><u>When is this topic taught in our school?</u> Autumn: Week 11-12 (total 2 weeks)</p>		<p><u>When is this topic taught in our school?</u> Summer: Weeks 2-3 (total 1 week) Summer: Week 10 (total 1 week)</p>	
<p><u>Curriculum Prioritisation:</u></p>		<p><u>Curriculum Prioritisation:</u></p>		<p><u>Curriculum Prioritisation:</u></p>	
Cultural Capital opportunities					



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Year 5 – Space – Hidden Figures (Black Mathematicians)

Year 6 – WW2 – Alan Turing and the enigma code

Achievement for All

As stated in our vision and pedagogy, at Bierton CE Combined School, we aspire for all children to achieve and ‘keep up’ rather than ‘catch up’. In order to promote this, we implement a range of strategies throughout the school.

Strategies:

- Live marking and feedback within each lesson identifies children who require support and clarification of misconceptions
- Pre-teaching interventions at the start of the school day
- Interventions during the school day
- Focused support in class
- Additional opportunities provided to help children make connections and consolidate their learning
- Continued use of concrete manipulatives to embed core facts

Opportunities beyond the National Curriculum

- Children in Early Years and Key Stage 1 have access to Numbots.
- Children in Year 2 begin to use Times Table Rock Stars in the Spring Term.
- Children in Key Stage 2 have access to Numbots and Times Table Rock Stars.
- Maths Medley / Fun with Numbers after school clubs offer enrichment activities.
- Maths No Problem provides ‘white space’ days to explore topics in further detail.
- Cross-curricular opportunities provided in other subjects (e.g. statistics in Science and topic).
- Children throughout the school celebrate Number Day
- Challenges provided throughout the year to promote enthusiasm and engagement.
- Year 6 children participate in Young Enterprise.

Please refer to our long term plan for reference to possible alterations for when certain objectives will be taught.