CAPTAIN WEBB PRIMARY SCHOOL
Maths Curriculum – Key Knowledge and Skills

(Bold-Statutory Statements from NC;
Italics-Non-statutory, but fundamental to ensure knowledge is secure)

		Daycare 2/Rising 3	Nursery Pre-School (3s)	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
DECLARATIVE KNOWLEDGE: *Facts and formulae(Fluency) Relationships between facts*										
						STATISTICS				
						Interpreting, Constructing and Presenting Data				
					Knows that graphs and charts represent information.	*Knows that pictograms, tally charts, block diagrams and simple tables are used to represent data and why.*	*Knows that scales are used in graphs and can read simple scales with increased accuracy.*	*Knows that using graphical representation of data, records change over time.* *Knows that a range of scales can be used in graph representations and why.*	*Knows that data is represented in different ways and can decide which are most appropriate and why.* *Knows when to use a line graph.*	**Knows the arithmetic for finding the mean average.** *Knows that conversion graphs can help convert kilometres to miles (for example).*

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PROCEDUAL KNOWLEDGE: Methods (In conjunction with Calculation Policy). Relationships between facts, procedures and missing facts.				Knows how to sort and match by criteria.		**Knows how to interpret simple data.** **Knows how to construct pictograms, tally charts, block diagrams and simple tables.** **Knows how to answer questions about a graph.**	**Knows how to interpret and analyse data using bar charts, pictograms and tables.** **Knows how to use information presented in varying representations of discrete data to answer one and two step problems.** *Knows how to present data in many contexts using bar charts, pictograms and tables.*	**Knows how to interpret and analyse bar charts and time graphs to solve problems.** **Knows how to correctly present data using appropriate graphical methods.** **Knows how to solve comparison, sum and difference problems using bar charts, pictograms, tables and other graphs.**	**Knows how to read a timetable.** **Knows how to complete, and interpret information in tables, including timetables.** **Knows how to read a line graph in order to solves comparison, sum and difference problems.**	**Knows how to interpret and construct pie charts and use these to solve problems.** **Knows how to interpret and construct line graphs and use these to solve problems.**

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	Daycare 2/Rising 3	Nursery Pre-School (3s)	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary			Sort match	Sort match **List criteria**	Sort Compare Label Most/least common Most/least popular Pictogram Set represent Table Tally Total Block diagrams	Pictograms Charts Tables Interpret Calculate Sum Difference between data	Venn diagrams Carroll diagrams Time graph Bar chart table	line graph variable time table compare continuous data discrete data	Mean average Pie chart Sector Line graph Variable comparison continuous data discrete data