





MEDIUM TERM PLANNING

Subject	Topic/Key Question	Year Group	Term	Time Allocation
Computing	Data	Year 4	Spring 1	6 hours
 Software/App – Purple Mash				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  Vocabulary <ul style="list-style-type: none"> • Cell • Percentage • Format • Calculations • Decimal place • Calculate • Column • Copy • Paste • Formula • Cut • Average • Timer • Random number • Spin button tool • Row </div> <div style="width: 45%;"> <ul style="list-style-type: none"> • Equal • Calculation • Resize • Data • Title • X axis • Y axis • Tool box • Budget • Controls toolbox </div> </div>				

Lesson Sequence	Time Allocation	Key Question/WALT	Teaching Activities (Link this lesson to a curriculum area if possible to add value to the lesson)	Resources
Lesson 1	1 hour	WALT: calculate and format numbers	In this lesson children will: <ul style="list-style-type: none"> ➤ Use the advanced mode formula wizard. ➤ Add formulae and explore formatting cells ➤ Make automatic calculations in cells. ➤ Use other features of 2calculate 	Purple Mash resource Booklet (lesson 1) Purple Mash Access 2calculate
Lesson 2	1 hour	WALT: use the timer and spin feature	In this lesson children will: <ul style="list-style-type: none"> ➤ Use the timer, random number spin button tools. ➤ Combine tools to explore number 	Purple Mash resource Booklet (lesson 2) Purple Mash Access 2calculate
Lesson 3	1 hour	WALT: create graphs from data	In this lesson children will learn to: <ul style="list-style-type: none"> ➤ Use data in a spreadsheet to create a line graph. ➤ Use different types of graphs suitable based on the suitability of the data being presented. ➤ Explore temperature on the playground and create data from it. 	Purple Mash resource Booklet (lesson 3) Purple Mash Access 2calculate Log Box
Lesson 4	1 hour	WALT: use spreadsheets for budgeting	In this lesson children will: <ul style="list-style-type: none"> ➤ Make practical use of a spreadsheets to help them to plan actions. ➤ Use currency formatting. 	Purple Mash resource Booklet (lesson 4) Purple Mash Access 2calculate

Lesson 5	1 hour	WALT: explore place value in a spreadsheet	In this lesson children will: <ul style="list-style-type: none"> ➤ Allocate values to images. ➤ Use these to explore place value ➤ Make a new spreadsheet in 2calculate ➤ Check their understanding of mathematical concepts. 	Purple Mash resource Booklet (lesson 5) Purple Mash Access 2calculate
Lesson 6	1 hour	WALT: apply their skills to an Excel spreadsheet (Mastery Lesson)	In this lesson children will: <ul style="list-style-type: none"> ➤ Combine Software ➤ Apply skills they have learned to more sophisticated software. 	Purple Mash Access 2calculate Excel