Maths – Year 1

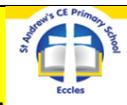| Honesty	Love	Forgiveness	Respect	Cultural Capital Opportunities		
Getting something wrong or not understanding something is part of maths	Enjoying maths as part of learning	Knowing that making mistakes is part of learning	Knowing that subjects can be tricky,	• Using concrete resources that are real life in the world around us e.g. coins, cups, scales • My Money Week / Enterprise week		

A Love Of Language	Aspirations	Bringing Learning To Life	Emotional Well-Being	Resilience	Valuing Our Diversity	Respect and Responsibility
Reading: reading problems in maths, reading new vocabulary Listening: listening to patterns, rhymes and songs in maths Speaking: comparing and talking about maths I can see Writing: recording the maths I have completed.	Doctors Teachers Architects etc We need maths in everyday at some point	Using concrete resources Practical / active maths	Knowing that learning maths can improve our skills in other subjects.	Knowing that making mistakes is ok, we can go back and change the work we have completed if we have a mistake.	Understanding that there are maths in different context and concepts and we may be better at other areas.	.Coaching peers through tricky sections Knowing not to laugh at mistakes Using presentation promise in work

What will they learn?		In what order?			End points
Key Concepts	Key Skills	Autumn	Spring	Summer	

To know and use numbers To add and subtract To multiply and divide To use fractions To understand the properties of shape To describe position, direction and movement To use measures To use statistics	**To know and use numbers :** Daily diet of : Representing Comparing Place value Solving problems Complexity Methods Checking Using number facts	• Count to and across 100, forwards and backwards, beginning with 0 or 1 or from any given number. • Identify and represent numbers using objects and pictorial representations including the number line • Read and write numbers from 1 to 20 in numerals and words. • Identify number bonds within 20.	• Count to and across 100, forwards and backwards, beginning with 0 or 1 or from any given number. • Identify 1 more and 1 less than any 2 digit number. • Count, read and write numbers to 100 in numerals. • Using the language of equal to, more than, less than (fewer) most least.	• Count to and across 100, forwards and backwards, beginning with 0 or 1 or from any given number.	
	Multiplication and division		• Count in multiples of 2, 5 and 10.	• solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.	

	To add and subtract	• read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	• Add and subtract 1 and 2 digit numbers within 20.	• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9.	Summer:
	To use fractions	•	• Find and name a half as one of two equal parts of an object, shape or quantity. •	• Find and name a quarter as one of four equal parts of an object, shape or quantity.	
	To use measures	• Compare, describe and solve practical problems for lengths and heights. • Compare, describe and solve practical problems for mass and weight. • Compare, describe and solve practical problems for time. • Sequence events in chronological order	• Compare, describe and solve practical problems for capacity and volume. • Measure and begin to record time. • Recognise and know the value of different	• Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. • Measure and begin to record lengths and heights. • Measure and begin to record mass/weight.	

		[for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] • Recognise and use language relating to days of the week, months and years.	denominations of coins and notes. •	• Measure and begin to record capacity and volume.	
	To understand the properties of shape	• Recognise and name common 2D and 3D shapes.	• Describe position, direction and movement including whole, half, quarter and three-quarter turns.	• Recognise and name common 2D and 3D shapes.	