AUTUMN	SPRING	SUMMER
AUTUMN 1: *NUMBER – NUMBER AND PLACE VALUE (NUMBERS TO 10)* ➢ **Identify and represent numbers using concrete objects and pictorial representations including the number line, and use 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** ➢ **Given a number, identify one more and one less** *NUMBER – ADDITION AND SUBTRACTION (PART-WHOLE WITHIN 10)* ➢ **Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least** ➢ **Represent and use number bonds and related subtraction facts within 20** ➢ **Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs** ➢ **Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9.** ➢ **Add and subtract one-digit and two-digit numbers to 20, including zero** *GEOMETRY – PROPERTIES OF SHAPE* ➢ **Recognise and name common 2D and 3D shapes, including: 2D shapes [for example, rectangles (including squares), circles and triangles].**	**SPRING TERM:** *NUMBER – NUMBER AND PLACE VALUE (NUMBERS TO 20)* ➢ **Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number (to 20)** ➢ **Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least** *NUMBER – ADDITION AND SUBTRACTION (WITHIN 20)* ➢ **Add and subtract one-digit and two-digit numbers to 20, including zero** ➢ **Represent and use number bonds and related subtraction facts within 20 (within 10)** ➢ **Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9.** *NUMBER – ADDITION AND SUBTRACTION (NUMBERS TO 50)* ➢ **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, and use the language of: equal to, more than, less than (fewer), most, least** ➢ **Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least**	**SUMMER TERM:** *NUMBER – MULTIPLICATION AND DIVISION* ➢ **Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens** ➢ **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** *NUMBER – FRACTIONS* ➢ **Recognise, find and name a half as one of two equal parts of an object, shape or quantity** ➢ **Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity** *GEOMETRY – POSITION AND DIRECTION* ➢ **Describe position, direction and movement, including whole, half, quarter and three-quarter turns** ➢ <u>**Non statutory guidance: Pupils use the language of position, direction and motion, including: left and right, top, middle and bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside.**</u> *NUMBER – NUMBER AND PLACE VALUE (TO 100)* ➢ **Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens**

- ➢ Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres].

- ➢ Given a number, identify one more and one less

MEASURE – LENGTH AND HEIGHT
- ➢ Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]
- ➢ Measure and begin to record the following: lengths and heights

MEASURE – WEIGHT AND VOLUME
- ➢ Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than]
- ➢ Measure and begin to record the following: mass/weight
- ➢ Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than]
- ➢ Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]
- ➢ Measure and begin to record the following: capacity and volume

- ➢ Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
- ➢ Given a number, identify one more and one less

MEASURE - MONEY
- ➢ Recognise and know the value of different denominations of coins and notes

MEASURE - TIME
- ➢ Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]
- ➢ Recognise and use language relating to dates, including days of the week, weeks, months and years
- ➢ Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times

Year 1 Maths Skills

Addition and Subtraction	Number and Place Value	Fractions	Algebra	Measurement	Geometry: Position and Direction	Geometry: Properties of shapes
NUMBER BONDS -Represent and use number bonds and related subtraction facts within 20 **MENTAL CALCULATION** -Add and subtract one-digit and two-digit numbers to 20, including zero **WRITTEN METHODS** -Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs *(appears also in Written Methods)* **INVERSE OPERATIONS, ESTIMATING AND CHECKING ANSWERS** Read, write and interpret mathematical statements involving addition (+),	**COUNTING** -Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number - Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens - Given a number, identify one more and one less **COMPARING NUMBERS** -Use the language of: equal to, more than, less than (fewer), most, least **IDENTIFYING, REPRESENTING AND ESTIMATING NUMBERS** -Identify, represent and estimate numbers using different	**RECOGNISING FRACTIONS** -Recognise, find and name a half as one of two equal parts of an object, shape or quantity -Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	**EQUATIONS** - solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ⬚ - 9 *(copied from Addition and Subtraction)* -represent and use number bonds and related subtraction facts within 20 *(copied from Addition and Subtraction)* **SEQUENCES** - sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening	**COMPARING AND ESTIMATING** - compare, describe and solve practical problems for: * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] * mass/weight [e.g. heavy/light, heavier than, lighter than] * capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] * time [e.g. quicker, slower, earlier, later] - sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] **MEASURING and CALCULATING** - measure and begin to record the following: * lengths and heights	**POSITION, DIRECTION AND MOVEMENT** -describe position, direction and movement, including half, quarter and three-quarter turns.	**IDENTIFYING SHAPES AND THIER PROPERTIES** -recognise and name common 2-D and 3-D shapes, including: * 2-D shapes [e.g. rectangles (including squares), circles and triangles] * 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres].

subtraction (-) and equals (=) signs *(appears also in Mental Calculation)* **PROBLEM SOLVING** -Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ☐ - 9	**representations, including the number line** **READING AND WRITING NUMBERS** -Read and write numbers from 1 to 20 in numerals and words.		*(copied from Measurement)*	* mass/weight * capacity and volume * time (hour - recognise and know the value of different denominations of coins and notes **TELLING THE TIME** -tell the time to the hour and half past the hour and draw the hands on a clock face to show these times -recognise and use language relating to dates, including days of the week, weeks, months and years		