The Piggott School: Charvil Primary

'Go and do Likewise' Luke 10:25, -37 The Parable of the Good Samaritan
We live with love and compassion, seeking help in times of need

Curriculum Map: Maths Year 1

	Autumn	Spring	Summer
Content Declarative Knowledge 'I know'	**KIRFS** *Know one more and one less than numbers up to 20 *Know number bonds for each number to 6 **Main Content** 1. Place Value 2. Addition and Subtraction 3. Shape	**KIRFS** *Know doubles and halves of numbers to 10 *Know number bonds to 10. **Main Content** 1. Place Value (within 20) 2. Addition and Subtraction (within 20) 3. Place Value (within 50) 4. Length and Height 5. Mass and Volume	**KIRFS** *Tell the time (o' clock and half past) *Know number bonds for each number to 10 **Main Content** 1. Multiplication and Division 2. Fractions 3. Position and Direction 4. Place Value (within 100) 5. Money 6. Time
Skills Procedural Knowledge 'I know how to'	**For mapping of skills by unit please see whole school national curriculum/procedural knowledge mapping overview here** **Place Value** *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 *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 read and write numbers from 1 to 20 in numerals and words. **Addition and Subtraction** *read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs *represent and use number bonds and related subtraction facts within 20 *add and subtract one-digit and two-digit numbers to 20, including zero *solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ☐ – 9 **Multiplication and Division**		

<table>
<tr><td></td><td colspan="3">*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
<u>Fractions, decimals and percentages</u>
*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
<u>Measurement</u>
*compare, describe and solve practical problems for:
- lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]
- mass/weight [for example, heavy/light, heavier than, lighter than]
- capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]
- time [for example, quicker, slower, earlier, later]
*measure and begin to record the following:
- lengths and heights
- mass/weight
- capacity and volume
- time (hours, minutes, seconds)
*recognise and know the value of different denominations of coins and notes
*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
<u>Geometry</u>
*recognise and name common 2-D and
3-D shapes, including:
- 2-D shapes [for example, rectangles (including squares), circles and triangles]
- 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]
*describe position, direction and movement, including whole, half, quarter and three-quarter turns</td></tr>
<tr><td>Vocabulary</td><td colspan="3">Vocabulary mapped by White Rose Maths scheme here</td></tr>
<tr><td>Key Questions</td><td colspan="3">Key questions and sentence stems planned for individual small steps of teaching by White Rose Maths scheme</td></tr>
<tr><td>Assessment</td><td colspan="3">Teacher assessment on Insight every term which is triangulated by the use of PUMA paper for Year 1 in the Summer term
Peer and self-assessment opportunities
Option to use White Rose End of Block assessments at teacher’s discretion</td></tr>
<tr><td rowspan="2">Cross Curricular Links/Character Education</td><td colspan="3">Social skills developed through verbal reasoning and oracy throughout. Spiritual development developed through engaging children with in depth thinking and problem solving.</td></tr>
<tr><td>Science – seasonal changes – temperature
DT – measuring for puppets</td><td>Geography – seasonal changes - temperature</td><td>DT – measuring and counting for fruit kebabs</td></tr>
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			Computing – position and direction movement to beebots