| WOOLER |  | Maths | Og | First Schoo <br> for Knowl | dge and Skills |  |  |
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| $\overbrace{\mathrm{R}_{T \mathrm{SCHO}}}$ | Links to KS1 curriculum | Expectations for Reception(4-5 yrs) |  |  | Expectations for Nursery (3-4 yrs) <br> (2-3 yrs) |  |  |
| Number Counting | Count to and across 100, forwards and backwards, beginning with 0 or 1 or from any given number | Rote count to 20 and beyond |  | Rote count to 10 | Rote count beyond 5 | Rote count beyond 3 | Says number names in play |
|  |  | Count backwards from 10 |  |  | Count backwards from 5 | Count backwards from 3 | Says number names |
|  |  | Count objects to $10+$ accurately |  | Count objects to $5+$ <br> Understands that the last number tells you how many there are |  | Counts objects to 3 accurately | Uses number names while pointing at objects (no 1:1 correspondence) |
|  |  | Count actions/sounds to 10+ |  | Count actions/sounds to 5+ | Count actions/sounds to 3+ |  |  |
|  |  | Make a sensible guess of quantities within 10 |  | Subitise (to 5) | Subitise <br> (to 3) |  | Subitise (to 1 ) |
| Number Recognition | Begin to recognise place value in numbers beyond 20 | Link numerals and amounts to 10+ |  | Link numerals and amounts to $5+$ | Links numerals and amounts to 5 | Link numerals and amounts to 3 | Recognises some numbers |
|  | Identify and represent numbers using objects and pictorial representations including the number line | Orders numbers to 10 |  | Orders numbers to 5 |  | Orders numbers to 3 |  |


| Number Sense | Identify and represent numbers using objects and pictorial representations including the number line | Partitions sets of objects using a part-part whole model, exploring composition to 10 | Partitions sets of objects using a part-part whole model, exploring composition to 5 | Partitions sets of objects using a partpart whole model, exploring composition to 3 |  |  |
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|  |  | Knows that when a ten frame is full there are 10 objects and when one row is complete there are 5 |  |  | Knows that when a five frame is full there are 5 objects and when empty there are 0 |  |
|  | Represent and use number bonds | Knows number facts that make 10 | Knows the number facts that make 5 |  |  |  |
| Number Graphics | Read and write numbers from 1 to 20 in numerals (and words) | Can write numbers 1-10 |  | Is able to write numbers 1-5 |  | Experiments with their own symbols and marks, as well as numerals. Is able to write numbers of personal significance. |
| Calculating | Use the language of: equal to, more than, less than (fewer), most, least | Children understand the difference between quantity and size | Compare numbers using 'more than', 'less than' 'fewer' 'equal to' |  | Compares quantities using 'more', 'fewer/less' and 'the same' | Compares quantities using 'more' 'lots' and 'same' |
|  | Given a number, identify one more or one less | Children can find 1 more than and 1 less than | Children can find 1 less than | Children can find 1 more than |  |  |
|  | Add and subtract onedigit and two-digit numbers to 20 , including zero | Understands that addition is the combining of sets of objects and Understands that subtraction is removing objects |  |  | Combines amounts and knows that they have 'more' Takes some away and knows that they have 'less' |  |
|  | Solve one-step problems that involve addition and subtraction | Solves real world mathematical problems in context with numbers to 10 |  | Solves real world mathematical problems in context with numbers to 5 |  | Solves real world mathematical problems in context with numbers to 3 |


| Fractions | Recognise, find and name a half as one of two equal parts of an object, shape or quantity <br> Compare, describe and solve practical problems for double/half | Understands that halving is sharing into two equal parts | Understands that sharing is splitting an amount into equal parts |  | Children 'share' items by giving items to their friends or teachers |  |  |
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|  |  | Understands that doubling is adding the same number to itself |  |  |  |  |  |
| Shape | Pupils should be taught to recognise and name common 2D shapes, including rectangles (including squares), circles and triangles | Explores how many corners and sides other 2D shapes have. |  | Explores how many corners and sides basic 2D shapes have. <br> Is beginning to explain if the sides are 'straight' or ‘curved’ | Knows shape names for circle, triangle, square and rectangle | Combines shapes to make pictures <br> Beginning to know names of shapes e.g. circle triangle |  |
|  | Pupils should be taught to recognise and name common 3D shapes, including cuboids (including cubes), pyramids and spheres | Is beginning to recognise and name 3D shapes during play and can select and rotate shapes for purpose. |  | Knows the of some 3D shapes e.g cube, cylinder, cone | Explores which shapes will roll and which will slide and is beginning to explain why using the vocabulary 'curved' and 'flat' | Experiences play and building activities with a variety of 3 D shapes |  |
| space | Describe position, direction and movement, including whole, half, quarter and three-quarter turns. | Continue, copy and recreate repeated patterns (ABBA) |  | Continue, copy or notices error in repeated patterns (AB) | Creates repeated patterns with shape or colour (AB) | Can sort items by their colour or pattern | Talks about pattern in the environment (spotty, stripy...) |
|  |  | Uses the vocabulary 'in-between', 'over', 'above', 'beside’ Can use ordinal numbers to describe position in a line |  |  | Can follow an instruction using positional language | Uses the vocabulary 'in', 'on', 'under', 'behind', 'next to' | Uses the ordinal vocabulary of 'first' and 'last' |
|  |  | Describes a familiar route using directional language 'forwards', 'backwards', 'right' and 'left' |  |  | Describes a familiar route with basic directional language - 'around', 'this way', 'that way' and understands position through words |  | Discusses locations |


| Compare, describe and solve practical problems for lengths and heights | Can order and compare items by length/height using nonstandard measures <br> Uses 'biggest', 'smallest', 'shortest' and 'tallest' |  |  | Make simple comparisons using 'bigger' and 'smaller', 'shorter' and 'taller' | Uses 'big' and 'small', 'short' and 'tall to compare size |  |
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| Compare, describe and solve practical problems for mass/weight | Can order and compare items by weight using non-standard measures <br> Uses 'heaviest', 'lightest' |  |  | Make simple comparisons using 'heavier' and 'lighter' | Uses 'h | and 'light' |
| Compare, describe and solve practical problems for capacity and volume | Can order and compare items by capacity using non-standard measures <br> Uses 'full', 'empty', 'half empty' |  |  | Make simple comparisons using 'more' and 'less' | Uses 'full' an | ty' to compare ty |
| Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] | Children can use language before, after, yesterday, today, tomorrow | Children can identify if it takes a shorter or longer time to do something | Children can talk about significant times of the day, home time, lunch time etc... and then sequence them | Begins to describe sequences of events using next, after, later |  | Begins to understand the vocabulary 'first', 'last' and 'soon' |
| Recognise and use language relating to dates, including days of the week, weeks, months and years | Can tell you which day comes before/after a given day | Says the days of the week in order |  | Knows some of the days of the week |  |  |
| Recognise and know the value of different denominations of coins and notes | Can pay for items using 1 p coins | Recognises that there are different coins | Talks about the different ways we can pay for things | Understands that we need to pay for items in a shop and can talk about what they would like to buy |  |  |

