



Belton Primary School Fluency Progression

To be reviewed August 2024

In 2023/ 2024 we have joined the Mastering Number Programme, where children in Reception, Year I and Year 2 will have a daily teacher-led session of 10 to 15 minutes, designed to ensure that pupils develop fluency with, and understanding of, number that is crucial to future success in maths and academic progress more generally. The aim of the programme is to secure firm foundations in the development of good number sense for all children so they leave KSI with fluency in calculation and a confidence in the flexibility of number.

In KS2 children will have a Fluent in Five (Vocabulary Ninja) daily as well as being taught different KIRF's every half term which are worked upon weekly. Retrieval practice will be used over the year to support children with remembering their KIRF's. Some KIRFs are taught and practised within Maths lessons at planned points during the year and some are based upon the RTP criteria taken from the DJE Mathematic Guidance: KSI & KS2 (2020) Assessment will be half termly and any gaps will be addressed in interventions.

In LKS2 daily times tables will be done to prepare children for the Year 4 multiplication test while this is continued in UKS2 through the use of TT Rockstars and weekly times tables challenges.

Strawberry Jam, Lemon Curd and Chocolate Spread help children with their fluency by rapidly recalling number facts. UKS2 complete these each week, trying to beat the previous weeks score. These are adapted for Year 3 and 4 and are used weekly to help with retrieval of their KIRFs'.

|           |   | Key Instant Reca   | all Facts – Learning Sch  | edule 2023-2024  |   |  |
|-----------|---|--|---|--|---|--|
|           | Autumn 1  | Autumn 2   | Spring 1  | Spring 2   | Summer 1  | Summer 2   |
| Reception |   |  | NCETM Mast  | ering Number   |   |  |
| Year 1    |   |  | NCETM Mast  | ering Number   |   |  |
| Year 2    |   |  | NCETM Mast  | ering Number   |   |  |
| Year 3    | I know the<br>multiplication and<br>division facts for<br>the 2 and 4 times<br>tables.                | I know the<br>multiplication facts<br>for the 3 times<br>tables.                       | I know the<br>multiplication and<br>division facts for<br>the 8 times table.  | I know the<br>multiplication and<br>division facts for<br>the 6 times table. | I can recall facts<br>about the<br>durations of time.                         | I can recall facts<br>about measures<br>and money.               |
| Year 4    | I know the number<br>bonds to 100.  | I know the<br>multiplication and<br>division facts for<br>the 9 and 11 times<br>tables | I can recognise<br>equivalent<br>fractions and<br>decimal<br>equivalents of<br>fractions.                                     | I know the<br>multiplication and<br>division facts for<br>the 7 times table. | I know the<br>multiplication and<br>division facts for<br>the 12 times table. | I can multiply and<br>divide single<br>numbers by 10 and<br>100. |
| Year 5    | I know the<br>multiplication and<br>division facts for all<br>times tables up to<br>12 x 12           | I can find factor<br>pairs of a number   | I can identify prime<br>numbers up to 20  | I can recall square<br>numbers up to 144<br>and their square<br>roots.       | l know decimal<br>number bonds to 1<br>and 10.                                | I can recall metric conversion                                   |
| Year 6    | I can derive x and ÷<br>of smaller and<br>larger multiples<br>using place value<br>and related facts. | I can identify<br>common factors of<br>a pair of numbers.                              | I can covert<br>between decimals,<br>fractions and<br>percentages<br>particularly ½, ¼, ¾,<br>1/3, 2/4, tenths<br>and fifths. | I can tell the time<br>and use times<br>tables to solve<br>times problems.   | I know the<br>formulae of finding<br>area of different<br>shapes.             | I know the square<br>roots of numbers<br>up to 15 x 15.          |



## Mastering Number: Overview of content – Reception

| Strand/<br>Half-term   | Subitising  | Cardinality, ordinality and counting   | Composition  | Comparison   |
|------------------------|---|--|--|--|
| 1<br>Children<br>will: | <ul> <li>perceptually subitise within 3</li> <li>identify sub-groups in larger<br/>arrangements</li> <li>create their own patterns for<br/>numbers within 4</li> <li>practise using their fingers to<br/>represent quantities which they<br/>can subitise</li> <li>experience subitising in a range of<br/>contexts, including temporal<br/>patterns made by sounds.</li> </ul> | <ul> <li>relate the counting sequence to cardinality, seeing that the last number spoken gives the number in the entire set</li> <li>have a wide range of opportunities to develop their knowledge of the counting sequence, including through rhyme and song</li> <li>have a wide range of opportunities to develop 1:1 correspondence, including by coordinating movement and counting</li> <li>have opportunities to develop an understanding that anything can be counted, including actions and sounds</li> <li>explore a range of strategies which support accurate counting.</li> </ul> | <ul> <li>see that all numbers can<br/>be made of 1s</li> <li>compose their own<br/>collections within 4.</li> </ul>  | <ul> <li>understand that sets can be<br/>compared according to a<br/>range of attributes, including<br/>by their numerosity</li> <li>use the language of<br/>comparison, including 'more<br/>than' and 'fewer than'</li> <li>compare sets 'just by looking'.</li> </ul>  |
| 2<br>Children<br>will: | <ul> <li>continue from first half-term</li> <li>subitise within 5, perceptually and<br/>conceptually, depending on the<br/>arrangements.</li> </ul>   | <ul> <li>continue to develop their counting skills</li> <li>explore the cardinality of 5, linking this to dice patterns and 5 fingers on 1 hand</li> <li>begin to count beyond 5</li> <li>begin to recognise numerals, relating these to quantities they can subitise and count.</li> </ul>  | <ul> <li>explore the concept of<br/>'wholes' and 'parts' by<br/>looking at a range of<br/>objects that are composed<br/>of parts, some of which<br/>can be taken apart and<br/>some of which cannot</li> <li>explore the composition of<br/>numbers within 5.</li> </ul> | <ul> <li>compare sets using a variety<br/>of strategies, including 'just by<br/>looking', by subitising and by<br/>matching</li> <li>compare sets by matching,<br/>seeing that when every object<br/>in a set can be matched to<br/>one in the other set, they<br/>contain the same number and<br/>are equal amounts.</li> </ul> |
| 3<br>Children<br>will: | <ul> <li>increase confidence in subitising<br/>by continuing to explore patterns<br/>within 5, including structured and<br/>random arrangements</li> </ul>  | <ul> <li>continue to develop verbal counting to<br/>20 and beyond</li> <li>continue to develop object counting<br/>skills, using a range of strategies to<br/>develop accuracy</li> </ul>  | <ul> <li>continue to explore the<br/>composition of 5 and<br/>practise recalling 'missing'<br/>or 'hidden' parts for 5</li> </ul>  | <ul> <li>continue to compare sets<br/>using the language of<br/>comparison, and play games<br/>which involve comparing sets</li> </ul>   |



|                        | <ul> <li>explore a range of patterns made<br/>by some numbers greater than 5,<br/>including structured patterns in<br/>which 5 is a clear part</li> <li>experience patterns which show a<br/>small group and '1 more'</li> <li>continue to match arrangements to<br/>finger patterns.</li> </ul>   | <ul> <li>continue to link counting to cardinality,<br/>including using their fingers to<br/>represent quantities between 5 and<br/>10</li> <li>order numbers, linking cardinal and<br/>ordinal representations of number.</li> </ul>  | <ul> <li>explore the composition of<br/>6, linking this to familiar<br/>patterns, including<br/>symmetrical patterns</li> <li>begin to see that numbers<br/>within 10 can be<br/>composed of '5 and a bit'.</li> </ul>      | <ul> <li>continue to compare sets by matching, identifying when sets are equal</li> <li>explore ways of making unequal sets equal.</li> </ul>  |
|------------------------|--|---|---|--|
| 4<br>Children<br>will: | <ul> <li>explore symmetrical patterns, in<br/>which each side is a familiar<br/>pattern, linking this to 'doubles'.</li> </ul>   | <ul> <li>continue to consolidate their<br/>understanding of cardinality, working<br/>with larger numbers within 10</li> <li>become more familiar with the<br/>counting pattern beyond 20.</li> </ul>                                  | <ul> <li>explore the composition of odd and even numbers, looking at the 'shape' of these numbers</li> <li>begin to link even numbers to doubles</li> <li>begin to explore the composition of numbers within 10.</li> </ul> | <ul> <li>compare numbers, reasoning<br/>about which is more, using<br/>both an understanding of the<br/>'howmanyness' of a number,<br/>and its position in the number<br/>system.</li> </ul> |
| 5<br>Children<br>will: | <ul> <li>continue to practise increasingly<br/>familiar subitising arrangements,<br/>including those which expose '1<br/>more' or 'doubles' patterns</li> <li>use subitising skills to enable them<br/>to identify when patterns show the<br/>same number but in a different<br/>arrangement, or when patterns are<br/>similar but have a different number</li> <li>subitise structured and<br/>unstructured patterns, including<br/>those which show numbers within<br/>10, in relation to 5 and 10</li> <li>be encouraged to identify when it<br/>is appropriate to count and when<br/>groups can be subitised.</li> </ul> | <ul> <li>continue to develop verbal counting to<br/>20 and beyond, including counting<br/>from different starting numbers</li> <li>continue to develop confidence and<br/>accuracy in both verbal and object<br/>counting.</li> </ul> | <ul> <li>explore the composition of 10.</li> </ul>  | <ul> <li>order sets of objects, linking<br/>this to their understanding of<br/>the ordinal number system.</li> </ul>   |
| 6                      | In this half-term, the children will consoli numbers.  | date their understanding of concepts previous   | ly taught through working in a var  | iety of contexts and with different  |



## Mastering Number: Overview of content - Year 1

| Strand/<br>Half-term   | Subitising   | Cardinality, ordinality and<br>counting   | Composition  | Comparison  | Addition and subtraction/<br>Number facts   |
|------------------------|--|---|--|---|---|
| 1<br>Children<br>will: | <ul> <li>revisit subitising within<br/>5 using perceptual<br/>subitising</li> <li>practise conceptual<br/>subitising of bigger<br/>numbers as they<br/>become more familiar<br/>with patterns made by<br/>the numbers 5–10.</li> </ul> | <ul> <li>explore the linear<br/>number system within<br/>10, looking at a range of<br/>ordinal representations</li> <li>explore the link between<br/>the 'staircase' pattern<br/>and a number track.</li> </ul> | <ul> <li>focus on the composition of<br/>numbers within 10, with a<br/>particular emphasis on the<br/>composition of numbers 6,<br/>7, 8 and 9 as '5 and a bit',<br/>as well as exploring the<br/>composition of numbers 5<br/>and 6 in-depth</li> <li>explore the composition of<br/>odd and even numbers,<br/>identifying that even<br/>numbers are made of 2s<br/>and odd numbers have 'an<br/>extra 1' – they will link this<br/>to the 'shape' of these<br/>numbers.</li> </ul> |   | Although children will not be<br>looking at number bonds<br>expressed as equations,<br>their work on the<br>composition of numbers<br>within 10 will be developing<br>their knowledge of number<br>bonds. |
| 2<br>Children<br>will: | <ul> <li>continue to practise<br/>conceptually subitising<br/>numbers they have<br/>already explored the<br/>composition of.</li> </ul>  | review the linear number<br>system to 10 as they<br>compare numbers.  | <ul> <li>continue to explore the composition of the numbers 7–9 in-depth, linking this to their understanding of odd and even numbers</li> <li>explore the composition of 10, developing a systematic approach to finding pairs that sum to 10.</li> </ul>   | <ul> <li>revisit what is meant by<br/>'comparing' and see that<br/>quantities can be<br/>compared according to<br/>different attributes,<br/>including numerosity.</li> </ul>   | As above.   |
| 3<br>Children<br>will: | <ul> <li>continue to practise<br/>conceptually subitising<br/>numbers they have<br/>already explored the<br/>composition of.</li> </ul>  |   | <ul> <li>review the composition of<br/>numbers within 10, linking<br/>these to part-part-whole<br/>representations</li> <li>practise recalling missing<br/>parts for numbers within<br/>10.</li> </ul>   | <ul> <li>compare numbers within<br/>10, linking this to their<br/>understanding of the<br/>linear system</li> <li>use the inequality<br/>symbol to create<br/>expressions, e.g.<br/>7 &gt; 2, and use the<br/>language of 'greater<br/>than' and 'less than'</li> </ul> | <ul> <li>develop their recall of<br/>number bonds within 10,<br/>through the use of<br/>exercises which use<br/>written numerals but not<br/>the symbols +, -, or =.</li> </ul>                           |



|                        |   |   |   |   |   |   |   |  | _ | IN THE TEACHING OF MATHEMATICS   |
|------------------------|---|---|---|---|---|---|---|--|---|--|
| 4<br>Children<br>will: | • | continue to practise<br>conceptually subitising<br>numbers they have<br>already explored the<br>composition of.   | • | review the linear number<br>system to 10, looking at<br>a range of<br>representations,<br>including a number line<br>explore the use of<br>'midpoints' to enable<br>them to identify the<br>location of other                         | • | review the composition of<br>odd and even numbers,<br>linking this to doubles and<br>near doubles<br>explore the composition of<br>the numbers 11–20, seeing<br>representations which<br>show the structure of these<br>numbers as 'ten and a bit'. | • | reason about<br>inequalities, drawing on<br>their knowledge of the<br>composition of numbers,<br>e.g. Is this true or false?<br>3 and 2 is less than 4.              | • | continue to develop their<br>recall of bonds within 10,<br>through the use of<br>exercises which do NOT<br>involve written<br>equations, such as 4 + 3<br>= ?<br>identify doubles and near<br>doubles through visual   |
| 5<br>Children<br>will: | • | continue to practise<br>conceptually subitising<br>numbers they have<br>already explored the<br>composition of.<br>conceptually subitise<br>numbers within 20 as<br>they become more<br>familiar with the<br>composition of<br>numbers within 20. | • | numbers.<br>review the linear number<br>system to 20, looking at<br>a range of<br>representations,<br>including a number line<br>explore the use of<br>'midpoints' to enable<br>them to identify the<br>location of other<br>numbers. | • | continue to explore<br>representations which<br>expose the composition of<br>numbers within 20.   | • | compare numbers within<br>20, including questions<br>which use the symbols<br>+, <, >, or =, such as:<br>True or false?<br>10 + 4 < 14<br>10 + 4 = 14<br>10 + 4 > 14 | • | representations of odd<br>and even numbers.<br>develop their fluency in<br>additive relationships<br>within 10, using a range<br>of activities and games<br>draw on their knowledge<br>of the composition of<br>numbers to complete<br>written equations<br>revisit strategies for<br>addition and subtraction<br>within 10 and apply<br>these to a range of<br>questions, including<br>written equations. |
| 6<br>Children<br>will: | • | continue to use<br>conceptual subitising,<br>especially when using a<br>rekenrek.   |   |   | • | apply their knowledge of<br>the composition of<br>numbers, to calculations<br>within 10 and 20.   | • | continue to draw on their<br>knowledge of the relative<br>size of numbers when<br>answering questions<br>using the inequality<br>symbol.                             | • | continue to practise<br>recalling additive facts<br>within 20, applying their<br>knowledge of the<br>composition of numbers<br>within 20 and strategies<br>within 10.  |



## Mastering Number: Overview of content – Year 2

| Strand/<br>Half-term   |   | Subitising   | C | ardinality, ordinality and counting   |   | Composition   |   | Comparison  |   | Addition and subtraction/<br>Number facts   |
|------------------------|---|--|---|---|---|---|---|---|---|---|
| 1<br>Children<br>will: | • | develop<br>conceptual<br>subitising skills as<br>they become more<br>familiar with<br>patterns made by<br>numbers within 10<br>and understand<br>their composition<br>use perceptual<br>and conceptual<br>subitising when<br>using a rekenrek. | • | explore the linear<br>number system within<br>10, looking at a range of<br>representations<br>compare number tracks<br>and number lines and<br>explore the use of<br>'midpoints' to enable<br>them to identify the<br>location of other<br>numbers. | • | focus on the composition of<br>numbers within 10, with a<br>particular emphasis on the<br>composition of numbers 6, 7,<br>8 and 9 as '5 and a bit', as<br>well as exploring the<br>composition of numbers 5 and<br>6 in-depth<br>explore the composition of<br>odd and even numbers,<br>identifying that even numbers<br>are made of 2s and odd<br>numbers have 'an extra 1' –<br>they will link this to the 'shape'<br>of these numbers. |   |   | • | link their growing<br>understanding of the<br>composition of numbers<br>within 10 to the related<br>additive facts, including<br>adding 2 to an odd or even<br>number<br>practise recalling facts in a<br>variety of ways, including<br>through solving simple<br>picture problems and<br>completing equations with<br>a missing sum or addend, |
| 2<br>Children<br>will: | • | continue to<br>practise<br>conceptually<br>subitising numbers<br>they have already<br>explored the<br>composition of.  | • | review the linear number<br>system as they compare<br>numbers.  | • | continue to explore the<br>composition of the numbers<br>7–9 in-depth, linking this to<br>their understanding of odd<br>and even numbers  | • | compare numbers within<br>10, linking this to their<br>understanding of the<br>linear number system<br>use the inequality<br>symbols to create<br>expressions, e.g.<br>7 > 2, and use the<br>language of 'greater<br>than' and 'less than'<br>draw on their knowledge<br>of number bonds to<br>answer questions in the<br>form: True or false?<br>5 + 3 > 7 | • | continue to practise<br>recalling additive facts for<br>numbers within 10, using a<br>range of equations, games<br>and picture problems.  |



|                        |  | 1  |   |  |  |
|------------------------|--|--|---|--|--|
| 3<br>Children<br>will: | <ul> <li>continue to<br/>practise<br/>conceptually<br/>subitising numbers<br/>they have already<br/>explored the<br/>composition of,<br/>including 'teen'<br/>numbers when<br/>they have<br/>reviewed the<br/>composition of<br/>11–19.</li> </ul> |  | <ul> <li>review the composition of 11<br/>to 19 as 'ten and a bit' and<br/>explore ways to represent<br/>this.</li> </ul> |  | <ul> <li>focus on number bonds<br/>within 10 presented in the<br/>part-part-whole structure,<br/>including identifying a<br/>missing 'part' and relating<br/>this to subtraction<br/>equations</li> <li>review strategies for<br/>adding 1 and 2 to odd and<br/>even numbers to<br/>subtraction facts<br/>presented in different ways</li> <li>apply their knowledge of<br/>the composition of 11–19<br/>to calculations in which 10<br/>is a part</li> <li>apply their knowledge of<br/>composition to facts</li> </ul> |
| 4<br>Children<br>will: | continue to<br>conceptually<br>subitise the<br>numbers 11–19<br>using a range of<br>representations,<br>which expose the<br>structure of these<br>numbers as 'ten<br>and a bit'.   | • revisit the structure of the<br>linear number system<br>within 20, making links<br>between the midpoints of<br>5 and 10, and 15. | review the composition of odd<br>and even numbers, linking<br>this to doubles and near<br>doubles.                        | <ul> <li>continue to compare numbers within 20, including questions which use the symbols +, &lt;, &gt;, or =, such as:</li> <li>Write the correct symbol: 10 + 4 15</li> <li>10 + 4 14</li> <li>10 + 4 14</li> <li>10 + 4 13</li> </ul> | <ul> <li>involving 3 addends.</li> <li>draw on their knowledge of the linear number system and apply this to calculations involving 1 more and 1 less, and pairs of numbers with a difference of 1</li> <li>use their understanding of the composition of odd and even numbers to find doubles and near doubles</li> <li>apply known facts to calculations involving larger numbers, e.g. 5 + 2, 15 + 2, 25 + 2.</li> </ul>  |

| 5<br>Children<br>will: | <ul> <li>revisit previous<br/>activities which<br/>develop their<br/>subitising skills.</li> </ul> | <ul> <li>review the linear number<br/>system to 100, applying<br/>their knowledge of<br/>midpoints to place<br/>numbers on a structured<br/>number line – they will<br/>identify the multiples of<br/>10 that come before and<br/>after a given number.</li> </ul> | <ul> <li>revisit previous activities<br/>which develop their<br/>understanding of the<br/>composition of numbers<br/>within 10 and 20.</li> </ul> | <ul> <li>reason about equalities<br/>and inequalities using<br/>equations and answering<br/>questions, such as:<br/>True or false?</li> <li>5 + 3 = 6 + 2</li> <li>9 + 4 &gt; 9 + 5</li> <li>9 + 6 &lt; 10 + 5</li> <li>This will help them<br/>become fluent in the use<br/>of the inequality symbol<br/>as well as practising their<br/>number bond knowledge.</li> </ul> | <ul> <li>become fluent in a range<br/>of strategies involving<br/>calculations within 20,<br/>using 'make 10' strategies<br/>to add, and subtracting<br/>through the tens boundary</li> <li>practise recalling number<br/>bonds through a range of<br/>activities and games which<br/>will encourage them to<br/>reason about sums and<br/>differences.</li> </ul> |
|------------------------|--|--|---|---|--|
| 6<br>Children<br>will: | As above.  |  | As above.   |   | <ul> <li>develop their fluency in<br/>additive relationships<br/>within 20, using a range of<br/>activities and games and<br/>revisiting previously taught<br/>strategies where<br/>necessary.</li> </ul>  |

| 1        |    |     |           |            | ,,    | 51 1001 | _    | Total | so far (ou | t of | 66) |   | 0   |
|----------|----|-----|-----------|------------|-------|---------|------|-------|------------|------|-----|---|-----|
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|          |    |     |           |            | Jaia  |         |      |       | e or order |      |     |   |     |
| <u>+</u> | 79 | =   | 100       |            | +     | 81      | =    | 100   |            | +    | 36  | = | 100 |
| +        | 97 | =   | 100       |            | +     | 26      | =    | 100   |            | +    | 11  | = | 100 |
| +        | 50 | =   | 100       |            | +     | 98      | =    | 100   |            | +    | 30  | = | 100 |
| +        | 0  | =   | 100       |            | +     | 19      | =    | 100   |            | +    | 83  | = | 100 |
| +        | 80 | =   | 100       |            | +     | 62      | =    | 100   |            | +    | 30  | = | 100 |
| +        | 12 | =   | 100       |            | +     | 53      | =    | 100   |            | +    | 24  | = | 100 |
| +        | 79 | =   | 100       |            | +     | 21      | =    | 100   |            | +    | 37  | = | 100 |
| +        | 27 | =   | 100       |            | +     | 53      | =    | 100   |            | +    | 28  | = | 100 |
| +        | 31 | =   | 100       |            | +     | 87      | =    | 100   |            | +    | 18  | = | 100 |
| +        | 63 | =   | 100       |            | +     | 67      | =    | 100   |            | +    | 71  | = | 100 |
| +        | 96 | =   | 100       |            | +     | 7       | =    | 100   |            | +    | 25  | = | 100 |
|          |    |     |           |            |       |         |      |       |            |      |     |   |     |
| +        | 5  | =   | 100       |            | +     | 69      | =    | 100   |            | +    | 92  | = | 100 |
| +        | 24 | =   | 100       |            | +     | 13      | =    | 100   |            | +    | 51  | = | 100 |
| +        | 70 | =   | 100       |            | +     | 64      | =    | 100   |            | +    | 34  | = | 100 |
| +        | 34 | =   | 100       |            | +     | 32      | =    | 100   |            | +    | 93  | = | 100 |
| +        | 78 | =   | 100       |            | +     | 12      | =    | 100   |            | +    | 74  | = | 100 |
| +        | 44 | =   | 100       |            | +     | 87      | =    | 100   |            | +    | 92  | = | 100 |
| +        | 50 | =   | 100       |            | +     | 7       | =    | 100   |            | +    | 77  | = | 100 |
| +        | 33 | =   | 100       |            | +     | 30      | =    | 100   |            | +    | 40  | = | 100 |
| +        | 30 | =   | 100       |            | +     | 0       | =    | 100   |            | +    | 63  | = | 100 |
| +        | 75 | =   | 100       |            | +     | 84      | =    | 100   |            | +    | 46  | = | 100 |
| +        | 45 | =   | 100       |            | +     | 57      | =    | 100   |            | +    | 39  | = | 100 |

| Tota | lsco | ore so | far ( | out of 60) | 0       |     |   |     |                |    |   |   |   | Xa       |
|------|------|--------|-------|------------|---------|-----|---|-----|----------------|----|---|---|---|----------|
|      |      |        |       | SL         | eet I - | 5 a |   | tin | es table rando | -  |   |   |   | <b>6</b> |
|      |      |        |       |            |         |     |   |     |                |    |   |   |   |          |
| 2    | ×    | 5      | =     |            | 0       | ×   | 5 | =   |                | 8  | × | 5 | = |          |
| 4    | ×    | 2      | =     |            | 2       | ×   | 2 | =   |                | 7  | × | 2 | = |          |
| 5    | я    | 5      | =     |            | 1       | ×   | 2 | =   |                | 3  | × | 5 | = |          |
| 7    | х    | 2      | =     |            | 7       | ×   | 5 | =   |                | 4  | × | 2 | = |          |
| 9    | ×    | 2      | =     |            | 3       | ×   | 5 | =   |                | 1  | × | 2 | = |          |
| 10   | я    | 2      | =     |            | 9       | я   | 5 | =   |                | 2  | 8 | 5 | = |          |
| 3    | я    | 5      | =     |            | 6       | ×   | 2 | =   |                | 9  | × | 2 | = |          |
| 6    | ×    | 5      | =     |            | 7       | ×   | 2 | =   |                | 6  | × | 5 | = |          |
| 8    | я    | 2      | =     |            | 5       | ×   | 5 | =   |                | 3  | × | 5 | = |          |
| 1    | я    | 5      | =     |            | 3       | ×   | 2 | =   |                | 0  | × | 2 | = |          |
| з    | ×    | 5      | =     |            | 4       | ×   | 5 | =   |                | 1  | × | 5 | = |          |
| 5    | ×    | 2      | =     |            | 9       | ×   | 2 | -   |                | 10 | × | 5 | = |          |
| 2    | я    | 2      | =     |            | 10      | ×   | 5 | =   |                | 9  | × | 2 | = |          |
| 8    | ×    | 5      | =     |            | 0       | ×   | 2 | =   |                | 6  | × | 5 | = |          |
| 9    | х    | 5      | =     |            | 2       | ×   | 5 | =   |                | 2  | × | 2 | = |          |
| 10   | я    | 5      | =     |            | 7       | ×   | 2 | =   |                | 3  | × | 5 | = |          |
| 6    | ×    | 2      | =     |            | 4       | ×   | 5 | =   |                | 8  | × | 2 | = |          |
| 8    | ×    | 2      | =     |            | 9       | ×   | 2 | =   |                | 5  | × | 5 | = |          |
| 2    | я    | 5      | =     |            | 1       | я   | 2 | =   |                | 6  | я | 5 | = |          |
| з    | ×    | 2      | =     |            | з       | ×   | 5 | =   |                | 7  | × | 2 | = |          |

|        |   |       |     | \$        | heetl- |     | 2 <b>(up to</b><br>2 minuter 3 |   | x 10 and 100 |     |   |     |   | Contraction of the second seco |
|--------|---|-------|-----|-----------|--------|-----|--------------------------------|---|--------------|-----|---|-----|---|--|
| 1.5    | × | 10    | =   |           | 0.9    | x   | 100                            | = |              | 8.4 | × | 10  | = |  |
| 0.3    | x | 100   | =   |           | 9.1    | x   | 10                             | = |              | 9.5 | x | 100 | = |  |
| 9.8    | x | 10    | =   |           | 0.6    | x   | 100                            | = |              | 7.1 | x | 10  | = |  |
| 1.9    | x | 100   | =   |           | 3.7    | x   | 100                            | = |              | 9.2 | x | 100 | = |  |
| 3.2    | x | 100   | =   |           | 0.5    | x   | 10                             | = |              | 5.5 | x | 100 | = |  |
| 4.2    | x | 10    | =   |           | 0.1    | x   | 100                            | = |              | 4.1 | x | 10  | = |  |
| 4.5    | x | 100   | =   |           | 3.5    | x   | 100                            | = |              | 4.5 | x | 100 | = |  |
| 1.4    | x | 100   | =   |           | 9.3    | x   | 10                             | = |              | 6.8 | x | 100 | = |  |
| 8.8    | x | 10    | =   |           | 5.2    | x   | 10                             | = |              | 2.6 | x | 10  | = |  |
| 1.5    | x | 10    | =   |           | 8.3    | x   | 100                            | = |              | 9.2 | x | 10  | = |  |
| 4.1    | x | 100   | =   |           | 0.2    | x   | 10                             | = |              | 6.4 | x | 100 | = |  |
| 4.4    | x | 10    | =   |           | 4.3    | x   | 100                            | = |              | 2.3 | x | 10  | = |  |
| 7.5    | × | 100   | =   |           | 8.9    | x   | 10                             | = |              | 5.0 | x | 100 | = |  |
| 3.1    | x | 100   | =   |           | 7.0    | x   | 100                            | = |              | 7.0 | x | 100 | = |  |
| 5.7    | x | 10    | =   |           | 7.6    | x   | 100                            | = |              | 7.6 | x | 10  | = |  |
| 9.3    | x | 100   | =   |           | 4.0    | x   | 10                             | = |              | 2.0 | x | 100 | = |  |
| 6.8    | x | 100   | =   |           | 2.9    | x   | 100                            | = |              | 8.9 | x | 100 | = |  |
| 2.5    | × | 10    | =   |           | 1.8    | x   | 100                            | = |              | 4.4 | x | 10  | = |  |
| 8.4    | × | 10    | =   |           | 1.9    | x   | 10                             | = |              | 0.5 | x | 10  | = |  |
| 5.1    | x | 100   | =   |           | 9.7    | x   | 10                             | = |              | 3.9 | x | 100 | = |  |
| Smythe |   | USE T | HIS | SPACE FOR | CALC   | ULA | TIONS                          |   |              |     |   |     |   |  |

An example of Lemon Curd, Strawberry Jam & Chocolate Spread (taken from Fernvale/ Thronton PS)