Brown's C of E Primary School, Horbling

Caring. Learning. Enjoying. Achieving within the love of God

Key Instant Recall Facts (KIRFS) for EYFS and KS1

	Reception	Year 1	Year 2
Autumn 1	I know the number names in order to at least 5. I know how to touch count to at least 3.	I know how to count reliably forwards to at least 50. I know how to find one more than a given number up to at least 50.	I know my addition facts to 20. I know my addition and subtraction bonds to 10.
Ideas for helping at home.	Children should say the following number names in order: **0 1 2** **3 4 5**	Counting Objects- Look around your home, can you find 25 objects? Count them out loud. Egg box numbers- Use a 10 egg box (or cut 2 off a 12 box), and use this to make groups of 10. Encourage them to check they have filled each hole to make sure they have 10. Number hunt– Go for a walk and see how many numbers between 1-50 you can spot, support your child to read each number aloud and talk about the number of tens and one in each number.	Ball throw- Write out numbers on large pieces of paper. Call out a number to your child and challenge them to throw a ball at two numbers that make that number. Children should know all the number bonds to 10: **0 and 10** **1 and 9** **2 and 8** **3 and 7** **4 and 6** **5 and 5** **(and the other way round)** The children should also know them as a number sentence: 0 + 10 = 10 1 + 9 = 10 2 + 8 = 10 3 + 7 = 10 etc.
Autumn 2	I know the number names in order to at least 10. I know how to recognise small quantities without counting to at least 3.	I know how to count reliably forwards and backwards to at least 50. I know how to find one more and one less than a given number to at least 50.	I know my addition and subtraction bonds to 20. I know how to count in steps of 5 and 10. I know my subtraction facts within 20.

<table>
<tr>
<td>Ideas for helping at home.</td>
<td>Children should say the following number names in order:

0 1 2
3 4 5
6 7 8
9 10

 
Children should be able to recognise this shows 3 without the need to count.</td>
<td>Perhaps start off using part of a 100 square (see below) and as confidence grows try without any aides.

Also try starting at different numbers and asking your child to continue counting on from e.g. 15.

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<tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr>
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Use playing cards to create a two digit number. E.G. 22. The child then has to say one more or one less from the number.

  </td>
<td>Chants- Practice chanting the number bonds.

Paper Chains- Use two different colours to make paper chains to show each
number bond, for example 14 + 6 could be shown as 14 green links and 6 blue links.

Say it, make it, write it- For each number bond, say it our loud, make it using
everyday objects and then write it as a sum.
Pegs – Put 20 pegs on to a coat hanger, split them in different ways and count how many pegs are on each side. E.g. 14 pegs + 6 pegs = 20 pegs (14+6=10).</td>
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<td>Spring 1</td>
<td>I know the number names in order to at least 15.

I know how to count from numbers other than 1 up to at least 15.</td>
<td>I know how to count reliably to 100.

I know how to find one more than a given number up to at least 100.</td>
<td>I know multiplication and division facts for the 10 times table.

I know doubles and halves of numbers to 20.</td>
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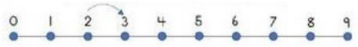
<td>Ideas for helping at home.</td>
<td>Matching pairs game. You have the numbers 1-15 laid out on the table. Call out the name of the numbers and the child has to pick up the relevant card. See how fast you can do it and what your fastest score could be.

Work on counting using a number line.

Use a numberline to hop along one more:

  </td>
<td>Use a 100 square to practise counting correctly.

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<tr><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td></tr>
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Speed game. How fast how can we do 10 one more numbers? The adult says a number e.g. 65, the child has to say one more than that number as quickly as possible. How fast can you do 10 numbers and beat your time?</td>
<td>Beat the clock- You have 10 seconds to answers as many questions as you can. Each correct answer will earn you one second of extra time. The game ends when the time runs out or an incorrect answer is given.

Multiplication race– Write the answers to the 10 times table (10, 20, 30 etc.) n
large pieces of card. Shout out a random 10 times table question and race your child to the right answer.

Doubling ladybirds- Draw an outline of a ladybird, add spots to one side, then ask your child to fill in the other side, model saying; double __ is __.

Seeing double- Use the reflection of a mirror to show double of a number of objects.</td>
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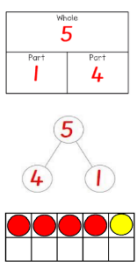
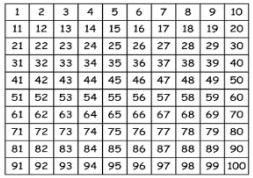
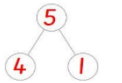
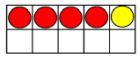
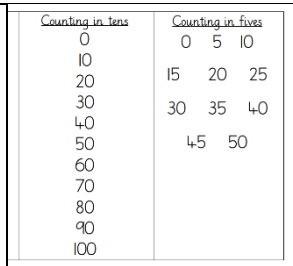
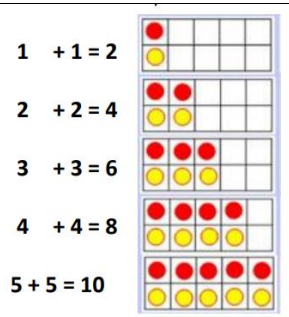
			Halving plates– Draw a line down the centre of a paper plate, drop a selection of everyday objects to the plate and find half by splitting the objects onto each half of the plate.
Spring 2	I know the number names in order to at least 20 I know how to automatically recall addition number bonds to at least 5.	I know how to count reliably forwards and backwards to at least 100. I know how to find one more and one less than a given number to at least 100.	I know multiplication and division facts for the 10 and 5 times table. I know addition related facts to 100 using my number bonds
Ideas for helping at home.	 0 + 5 = 5 1 + 4 = 5 2 + 3 = 5 3 + 2 = 5 4 + 1 = 5 5 + 0 = 5	Use a 100 square and start with any number. Children to then work on counting forwards or backwards.  Use playing cards to create a two digit number. E.G. 67. The child then has to say one more or one less from the number 	5 times table song- Play a 5 times table song in the car when travelling. Can you beat the calculator? - Ask your child a 5 times table question, see if they can answer it before you type it into a calculator! How many fingers and toes? - Draw around all of the hands and feet in your household, how many fingers and toes are there altogether?
Summer 1	I know the number names in order to at least 25. I know how to automatically recall addition and subtraction number bonds to at least 5.	I know how to reliably count forwards in multiples of 5 and 10. I know how to double numbers within 20.	I know how to use multiplication and division facts for the 10 5 and 2 x table. I know subtraction related facts to 100 using my number bonds

Ideas for helping at home.	   Use practical resources – Your child has one potato on their plate and you give them three more. Can they predict how many they will have now? Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 5. Play games – You can play number bond pairs online at www.conkermaths.com https://www.topmarks.co.uk/learning-	 	Chanting- Say the times table facts out loud, 1 times 2 is 2, 2 times 2 is 4 etc. Can you beat Siri?- Ask Siri a 2 times table question, see if they can answer it before Siri does! Multiplication high fives- Draw around your child's hand 12 times, number each hand 1-12 and position them up the stairs. Ask your child to high
Summer 2	I know the number names in order to at least 30. I know how to automatically recall some number bonds to 10.	I know how to reliably count forwards in multiples of 2,5 and 10. I know how to double and half numbers within 20.	I know how to count in multiples of 3. I know addition and subtraction related facts to 100 using my number bonds
Ideas for helping at home.	Ball throw- Write out numbers on large pieces of paper. Call out a number to your child and challenge them to throw a ball at two numbers that make that number. Facts bingo- Write the numbers 1-10 in a simple grid. Say; I want to make ___, I have ___ what do I need to add? Challenge your child to choose the correct number to finish the calculation. Spinner– Make a simple spinner, decide on a number to make and then spin the spinner. What number do you need to add to make the original number?	Ball throw- Write out numbers on large pieces of paper. Call out a number to your child and challenge them to throw a ball at two numbers that make that number. Doubling ladybirds- Draw an outline of a ladybird, add spots to one side, then ask your child to fill in the other side, model saying; double __ is __. Seeing double- Use the reflection of a mirror to show double of a number of objects. Halving plates– Draw a line down the centre of a paper plate, drop a selection of everyday objects to the plate and find half by splitting the objects onto each half of the plate.	Ball throw- Write out numbers on large pieces of paper. Call out a number to your child and challenge them to throw a ball at two numbers that make that number. Facts bingo- Write the numbers 1-100 (In the 10 x table) in a simple grid. Say; I want to make ___, I have ___ what do I need to add?