



Maths Planning and Ideas



Week Commencing: 20th April 2020

Year Group: I

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you make arrays?	LC: Can you write number sentences to represent arrays?	LC: Can you make doubles?	LC: Can you share equally?	CHALLENGE FRIDAY
Activity	<p>Starter: Hit the button Number Bonds https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p>Main: Children begin to make arrays by making equal groups and building them up in columns or rows (ensuring the counters are lined up neatly). Eg</p>  <p>shows 4 lots of 2 or 2 lots of 4 (4x2 or 2x4)</p> <p>Key Questions to discuss with children: <i>How many equal groups do I have?</i></p>	<p>Starter: https://www.topmarks.co.uk/maths-games/mental-maths-train</p> <p>Main: Recap work done yesterday making arrays by building rows and columns.</p> <p><i>How can I record my array with a number sentence?</i></p>  <p>What does the array show? 2+2+2+2 = 8 4+4 =8</p> <p>Independent: See work below dated 21st April</p>	<p>Starter: https://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering</p> <p>Main: Children explore doubling with numbers up to 20. Reinforce understanding that 'double' is 2 equal groups of a number or amount. Record using the sentence 'Double _____ is _____.'</p> <p>Use counters or objects and count out a number up to 10. Now double it using objects. Say 'Double _____ is _____'. Count the objects to check. Repeat with other numbers.</p>	<p>Starter: https://plprimarystars.com/families/play-game</p> <p>Main: Explore sharing as a model of division. Use counting 1 object at a time to share objects into equal groups. Children should also understand when a number of objects cannot be shared into equal groups. Eg 9 shared by 2.</p> <p>Have some small toys or counters/objects to share. <i>How can I share the objects equally?</i> <i>How many objects in this pile?</i> <i>How many in this pile? Are they equal? What would happen if I had one more?</i></p>	<p>Teddy Town: Have a go at arranging the teddies and houses according to the instructions.</p> <p>https://nrich.maths.org/108</p>



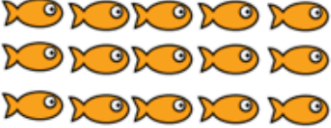
	<p><i>How many counters in each column? How many counters in each row?</i></p> <p><i>Build an array with counters (small objects) to represent the following:</i></p> <p><i>5 lots of 2</i></p> <p><i>4 lots of 2</i></p> <p><i>2 lots of 10</i></p> <p>Independent:</p> <p>See work below dated 20th April</p>		<p>Independent:</p> <p>See work below dated 22nd April</p>	<p><i>Are the groups equal? Are there any left over?</i></p> <p>Independent:</p> <p>Collect 20 items (small toys, pasta, counters etc)</p> <p>Can you share the cubes equally between 5 friends? 20 shared by 5 equals _____</p> <p>Can you share the cubes equally between 2 friends? 20 shared by 2 equals _____</p> <p>Can you share the cubes equally between 10 friends? 20 shared by 10 equals _____</p>	
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Supporting Resources for Maths

Monday 20th April

LC: Can you make arrays?

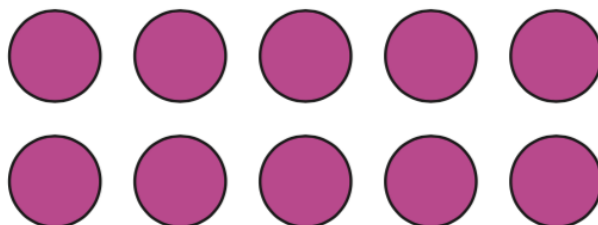
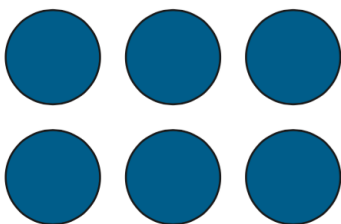
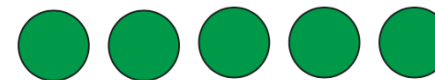
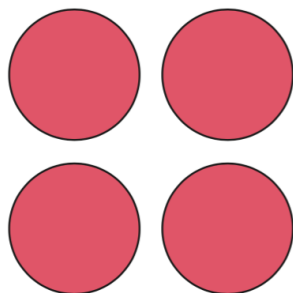
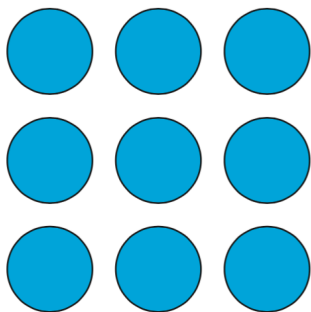
Complete the Table

Array	Description - columns	Description - rows	Totals
	5 columns 2 cookies in each column	2 rows 5 cookies in each row	$2 + 2 + 2 + 2 + 2 = 10$ $5 + 5 = 10$
	___ columns ___ donuts in each column	___ rows ___ donuts in each row	
	___ columns ___ fish in each column	___ rows ___ fish in each row	
	3 columns 5 cupcakes in each column	5 rows 3 cupcakes in each row	

Tuesday 21st April

LC: Can you write number sentences to represent arrays?


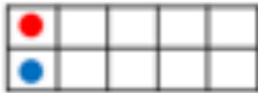


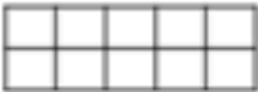
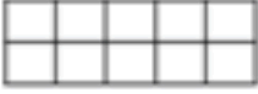
Write 2 number sentences for each array.



Wednesday 22nd April

LC: Can you make doubles?

Complete and continue the table.

Build	Represent	Add	Double
		$1 + 1 = 2$	Double 1 is 2
		$2 + 2 = \underline{\quad}$	Double 2 is $\underline{\quad}$
		$3 + 3 = \underline{\quad}$	Double 3 is $\underline{\quad}$
		$\underline{\quad} + \underline{\quad} = \underline{\quad}$	Double 4 is $\underline{\quad}$

Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[White Rose Maths](#) – Free Maths home learning resources for all ages. Watch the videos and try the questions.

[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

[I See Maths](#) – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.