LLPS - Maths resources in the case of self-isolation/school closure

Here are a range of maths activities that you will be able to access at home to support your child's learning. At the bottom you will also find the curriculum coverage in all year groups for maths.

All/most year groups

Twinkl - https://www.twinkl.co.uk/ Twinkl have created a range of home learning packs for all age ranges. To download materials you may need the access code: UKTWINKLHELPS

White Rose - https://whiterosemaths.com/ Currently developing support packs. This is the scheme we use in years 2-6.

Classroom Secrets - https://classroomsecrets.co.uk/free-home-learning-packs/ Classroom Secrets have created a range of home learning packs for all ages.

Purple Mash - https://www.purplemash.com/#tab/pm-home/maths Children will be sent home with their log ins to access Purple Mash. There are a range of games/activities including support for the Year 4 multiplication check.

ISeeMaths - http://www.iseemaths.com/games-resources/ printable maths games.

ISeeMaths - http://www.iseemaths.com/3-act-tasks/ problem solving activities for reception to year 6

Nrich - https://nrich.maths.org/primary A variety of activities, games and problem solving tasks for all year groups.

Maths With Parents – www.mathswithparents.com This website has a range of maths activities for all year groups.

Maths With Mum - https://www.mathswithmum.com/ This website has a range of interactive maths lessons and questions to support with a wide range of maths topics. There is also some useful information to support with looking at each concept.

Millenium Maths Project - https://sport.maths.org/content/ A variety of problem solving tasks linked to sport.

First4Maths - https://www.first4maths.co.uk/shop/ Their 'creative at home' problem solving packs are all free to download.

Top Marks - https://www.topmarks.co.uk/Search.aspx?Subject=16 A range of maths games for all ages.

BBC Schools - http://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml maths games for all ages

ICT Games - http://www.ictgames.co.uk/ A range of maths and English games for all ages.

EYFS

BBC Bitesize - https://www.bbc.co.uk/bitesize/subjects/zrnbwty EYFS maths resources

BBC Teach - https://www.bbc.co.uk/teach/school-radio/nursery-rhymes-counting-songs/zn67kmn EYFS counting songs

CBeeBies - https://www.bbc.co.uk/cbeebies/topics/numeracy

KS1

BBC Bitesize - https://www.bbc.co.uk/bitesize/subjects/zjxhfg8 KS1 maths resources

BBC Teach - https://www.bbc.co.uk/teach/ks1-maths/zhng7nb KS1 maths

KS2

Maths Frame - https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check practice for the Year 4 multiplication check

ISeeMaths - http://www.iseemaths.com/tables/ ideas for supporting learning of times tables.

Wild Maths - https://wild.maths.org/ A variety of maths activities and games to encourage creative thinking

BBC Bitesize - https://www.bbc.co.uk/bitesize/subjects/z826n39 KS2 maths resources

BBC Teach - https://www.bbc.co.uk/teach/ks2-maths/zm9my9q KS2 maths

Primary Interactive - http://www.primaryinteractive.co.uk/maths.htm A range of maths games for KS2

Maths Zone - https://mathszone.co.uk/ A range of maths games for KS2

Super Maths World - http://www.supermathsworld.com/classic.html Select the 'kids' option and there are a range of maths missions for children to complete (age 5+)

CGP - https://www.cgpbooks.co.uk/resources/free-tests,-tips-and-games Free KS2 SATs practice materials

Emaths - http://www.emaths.co.uk/index.php?option=com_zoo&view=category&layout=category&Itemid=504 Free past KS2 SATs papers

Starter of the Day - http://www.transum.org/Software/SW/Starter_of_the_day/index.htm daily problem solving tasks, mainly aimed at KS2.

My Mini Maths - https://myminimaths.co.uk/year-6-to-7-mini-maths/ preparation for transition to year 7

LGFL - http://www.lancsngfl.ac.uk/secondary/math/index.php?category_id=817 transition projects for year 6 pupils.

TES - https://www.tes.com/teaching-resource/maths-problem-solving-transition-unit-11699692 Free maths problem solving transition unit for year 6 pupils.

Year group coverage

Reception (Mathematics Mastery)

Spring

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Numbers within 10		**Addition and subtraction within 10**	**Numbers within 15**		**Grouping and sharing**		**Numbers within 20**	**Doubling and halving**
• Count up to ten objects • Represent, order and explore numbers to ten • One more or fewer, one greater or less		• Explore addition as counting on and subtraction as taking away	• Count up to 15 objects and recognise different representations • Order and explore numbers to 15 • One more or fewer		• Counting and sharing in equal groups • Grouping into fives and tens • Relationship between grouping and sharing		• Count up to 10 objects • Represent, order and explore numbers to 15 • One more or fewer	• Doubling and halving • Relationship between

Summer

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Shape and pattern	**Addition and subtraction within 20**		**Money**	**Measures**		**Depth of numbers within 20**		**Numbers beyond 20**
• Describe and sort 2-D and 3-D shapes • Recognise, complete and create patterns	• Commutativity • Explore addition and subtraction • Compare two amounts • Relationship between doubling and halving		• Coin recognition and values • Combinations to total 20p • Change from 10p	• Describe capacities • Compare volumes • Compare weights • Estimate, compare and order lengths		• Explore numbers and strategies • Recognise and extend patterns • Apply number, shape and measures knowledge • Count forwards and backwards		• One more one less • Estimate and count • Grouping and sharing

Year 1 (Mathematics Mastery)

Week 8	Week 9	Week 10
Fractions	**Measures: Length and mass**	
• Identify $\frac{1}{2}$ and $\frac{1}{4}$ of a shape or object • Find $\frac{1}{2}$ and $\frac{1}{4}$ of a quantity	• Compare and measure lengths and mass using cm and kg • Doubling and halving	

Summer

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Numbers 50 to 100 and beyond		**Addition and subtraction**		**Money**		**Multiplication and division**		**Measures: Capacity and volume**	
• Read, write, represent, compare and order numbers to 100 • One more / fewer, ten more / fewer • Identify number patterns		• Explore addition and subtraction involving 2-digit numbers and ones • Represent and explain addition and subtraction with regrouping • Investigate number bonds within 20		• Name coins and notes and understand their value • Represent the same value using different coins • Find change		• Share equally into groups • Doubling • Link halving to fractions • Add equal groups • Explore arrays		• Compare capacities, volumes and lengths • Explore litres • Apply understanding of fractions to capacity	

Years 2 – 6 (White Rose)

Spring term

2	Number: Multiplication & Division	Statistics	Geometry: Properties of Shape	Number: Fractions	Length & Height	Consolidation	
3	Number: Multiplication & Division	Money	Statistics	Measurement: Length & Perimeter	Number: Fractions	Consolidation	
4	Number: Multiplication & Division	Area	Number: Fractions	Number: Decimals	Consolidation		
5	Number: Multiplication & Division	Number: Fractions	Number: Decimals & Percentages	Consolidation			
6	Number: Decimals	Number: Percentages	Number: Algebra	Converting Units	Measurement: Perimeter, Area & Volume	Number: Ratio	Consolidation

Summer term

2	Geometry: Position & Direction	Problem solving and efficient methods	Measurement: Time	Measurement: Mass, Capacity & Temperature	Investigations		
3	Number: Fractions	Measurement: Time	Geometry: Properties of Shape	Measurement: Mass & Capacity	Consolidation		
4	Number: Decimals	Measurement: Money	Time	Statistics	Geometry: Properties of Shape	Position & Direction	Consolidation
5	Number: Decimals	Geometry: Properties of Shape	Position & Direction	Measurement: Converting Units	Volume	Consolidation	
6	Geometry: Properties of Shape	Problem Solving	Statistics	Investigations	Consolidation		