Guidance for Teachers

Reception

#MathsEveryoneCan

Updated September 2021

White Rose Maths

Reception Guidance

Our guidance underpins the Educational Programme for Mathematics (DfE March 2021) and will support you to deliver a curriculum that embeds mathematical thinking and talk.

Our overviews support the ethos of the EYFS whilst at the same time enabling teachers to create a mathematically rich curriculum. Additionally, it allows for key mathematical concepts to be revisited and developed further across the year.

The guidance has been divided into ten phases and provides a variety of opportunities to develop the understanding of number, shape, measure and spatial thinking.

The Counting Principles

Following research from Gelman and Gallistel in 1978, it is vital that teachers understand the five counting principles. (Gelman, R. & Gallistel, C. (1978) The Child's Understanding of Number. Cambridge, MA. Harvard University Press.)

1

> **The one-one principle.** This involves children assigning one number name to each object that is being counted. Children need to ensure that they count each object only once ensuring they have counted every object.

Children will sometimes count objects more than once or miss an object out that needs to be counted. Encourage children to line up objects and touch each one as they count saying one number name per object. This will also help to avoid children counting more quickly than they touch the objects which again shows they have not grasped one-one correspondence.

1   2   3   4   5

The Counting Principles

2 The stable-order principle. Children understand when counting, the numbers have to be said in a certain order.

Children need to know all the number names for the amount in the group they are counting. Teachers can therefore encourage children to count aloud to larger numbers without expecting them to count that number of objects immediately.

3 The cardinal principle. Children understand that the number name assigned to the final object in a group is the total number of objects in that group.

In order to grasp this principle, children need to understand the one-one and stable-order principle. From a larger group, children select a given number and count them out. When asked 'how many?', children should be able to recall the final number they said. Children who have not grasped this principle will recount the whole group again.

The Counting Principles

4

The abstraction principle. This involves children understanding that anything can be counted including things that cannot be touched including sounds and movements e.g. jumps.

When starting to count, many children rely on touching the objects in order to count accurately. Teachers can encourage abstraction on a daily basis by counting claps or clicks. They can also count imaginary objects in their head to encourage counting on, this involves the children visualising objects.

5

The order-irrelevance principle. This involves children understanding that the order we count a group of objects is irrelevant. There will still be the same number.

Encourage children to count objects, left to right, right to left, top to bottom and bottom to top. Once children have counted a group, move the objects and ask children how many there are, if they count them all again they have not fully grasped this principle.

Key Language for Teachers

White Rose Maths
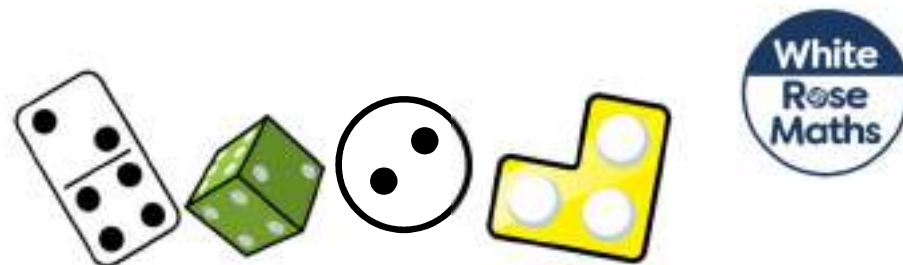
Cardinal - The number that indicates how many there are in a set.

Classification – The identification of an object by specific attributes, such as colour, texture, shape or size.

Conservation (of number) – The recognition that the number stays the same if none have been added or taken away.

Numeral - The written symbol for a number; e.g. 3, 2, 1

Ordinal - A number denoting the position in a sequence e.g. 1st, 2nd, 3rd, etc or page 1, page 2, page 3...

Partition - Separate a set into two or more subsets e.g. Partition a set of socks into plain and patterned.

Subitise - Instantly recognise a small quantity, without having to count how many there are.

Number - Number can be:
- a count of a collection of items e.g. three boxes,
- a measure e.g. of length or weight, or
- a label e.g. the number 17 bus

Quantity - The amount you have of something e.g. a cup of flour, three boxes, half an hour.

Overview

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Getting to Know You			Just Like Me!			It's Me 1 2 3!			Light and Dark			Consolidation	
Spring	Alive in 5!			Growing 6, 7, 8			Building 9 and 10			Consolidation				
Summer	To 20 and Beyond			First Then Now			Find My Pattern			On The Move				

Autumn

White Rose Maths

Week 1	Week 2	Week 3		Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Getting to Know You			**Phase**	Just Like Me!			It's Me 1 2 3!			Light and Dark		
Opportunities for settling in, introducing the areas of provision and getting to know the children.			**Number**	Match and Sort Compare Amounts			Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3			Representing Numbers to 5. One More and Less.		
Key times of day, class routines. Exploring the continuous provision inside and out. Where do things belong? Positional language.			**Measure, Shape and Spatial Thinking**	Compare Size, Mass & Capacity Exploring Pattern			Circles and Triangles Positional Language			Shapes with 4 Sides. Time		

Spring

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Phase	Alive in 5!			Growing 6, 7, 8			Building 9 & 10		
Number	Introducing zero Comparing numbers to 5 Composition of 4 & 5			6, 7 & 8 Combining 2 amounts Making pairs			Counting to 9 & 10 Comparing numbers to 10 Bonds to 10		
Measure, Shape and Spatial Thinking	Compare Mass (2) Compare Capacity (2)			Length & Height Time			3d-shapes Patterns		

Summary

White Rose Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Phase	To 20 and Beyond			First Then Now			Find my Pattern			On the Move		
Number	Building Numbers Beyond 10 Counting Patterns Beyond 10			Adding More Taking Away			Doubling Sharing & Grouping Even & Odd			Deepening Understanding Patterns and Relationships		
Spatial Thinking	Spatial Reasoning (1) Match, Rotate, Manipulate			Spatial Reasoning (2) Compose and Decompose			Spatial Reasoning (3) Visualise and Build			Spatial Reasoning (4) Mapping		

Frequently Asked Questions

How do we use the guidance to plan?

The aim of the guidance is to provide a bank of ideas to support the teaching of mathematics in Reception.

The first page in each section provides guidance, resources and prompts for adult-led focused teaching. The second page suggests how these ideas can be further explored through the areas of provision, either independently or with adult support. At the end of each section, there is a digging deeper page with suggestions for exploring concepts more deeply and providing opportunities for additional challenge.

The great thing about early number skills is that they can be applied to almost anything. This gives teachers the flexibility to adapt the activities to match their current theme or the interests of their children as they plan for their next steps.
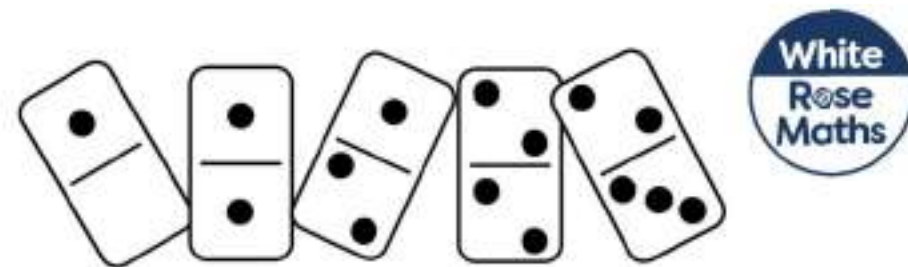
What should our maths timetable look like?

This is for individual schools to decide. We recommend that time is built in daily for short adult-led focused inputs which can either be for the whole class or groups. This doesn't have to be formal and should include number rhymes, songs, and games as well as the suggested prompts for learning.

The concepts introduced can be taken further with short teacher led activities. We recommend 2-3 each week. Opportunities to practise new skills through play should also be encouraged in the different areas of provision, either independently or with adult support. The children should also have regular opportunities to practise their counting and subitising skills and revisit prior learning.

Frequently Asked Questions

How long should we spend on each phase?

The amount of time you spend on each phase will depend on the needs of your children. Use your professional judgement to move children on when you feel they are ready.

We recommend around 3 weeks to fully teach each phase but if your children are very confident with the numbers to 5 then you may want to spend less time on the early phases and more time later on. There are consolidation weeks built in to allow some flexibility with timings.

Key skills of counting, subitising, composition, ordering and comparing are threaded throughout the guidance and get progressively more challenging.

Do we need to follow the skills in order?

We would recommend following the **Number** skills in order as these build up over time and follow a developmental progression.

Links to **Shape, Space and Measure** have been included within the guidance. These can be taught at any time to best fit your themes or interests of your children and will be ongoing through continuous provision.

The **Spatial Reasoning** skills included in the summer term phases also follow a developmental progression.

Frequently Asked Questions

Why is there such a big focus on the early numbers?

It is important that children develop a really strong sense of numbers to 10. This will stand them in good stead for the maths that follows as they move through school.

This includes:

- Understanding the link between numbers and quantity (representing numbers in many ways)
- Investigating how quantities are composed of smaller parts (6 can be two 3s or three 2s or 4 and two ones or 5 and 1 etc.)
- Knowing how the numbers relate to one another and being able to compare and order them.
- Exploring how quantities change when you add more items or take items away.

The children may already be able to recite the number names to twenty and beyond but a sense of what those numbers mean develops gradually with repeated experiences in different contexts.
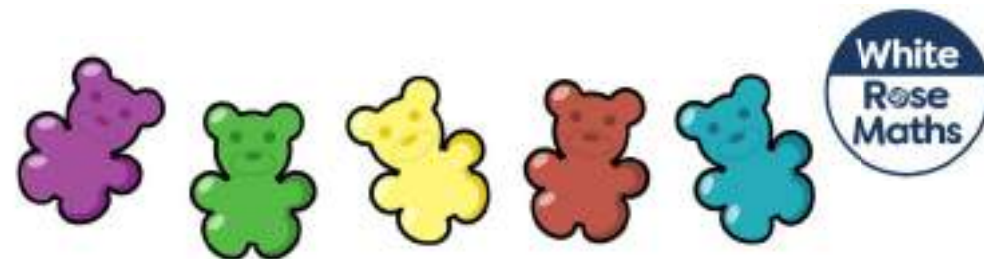
Some of my children are already confident with numbers to 5. How can I ensure they are being challenged?

Provide opportunities for the children to apply their understanding to reason and problem solve. Can they work out how many items are hidden if they know there are 5 altogether? Encourage them to invent their own games and use mathematical jottings to record and compare their scores.

Although your inputs are focused on exploring smaller numbers in depth, this doesn't mean that the children will only count to 5. Many children love to explore larger numbers during their play, and this should be encouraged and celebrated.

The digging deeper pages within the guidance are designed to explore concepts more deeply and build in additional challenge. They are largely open-ended and encourage the children to explain their mathematical thinking and reasoning.

Frequently Asked Questions
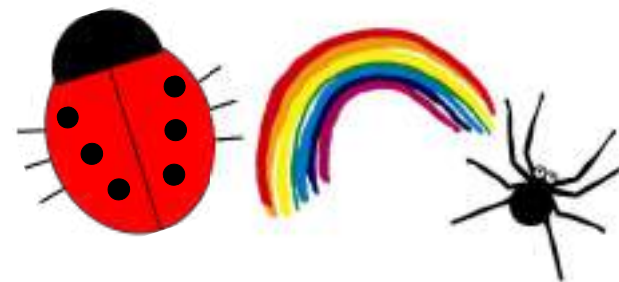
Why is there no mention of teaching money in the guidance?

It is essential that children develop a strong sense of cardinality and at this age, children are still developing the understanding that 5 objects represent 5. It is a difficult concept for young children to understand that one coin can be worth 2p, 5p or 10p.

Although money is not included as a teaching focus, you may still want to provide some coins for children to explore within provision.

One possibility for Reception could be to count out the corresponding number of 1p coins to match prices in pence. The children could then compare to see which items cost more in much the same way that they may represent and compare quantities with counters.

Why is day to day planning not provided?

The guidance provides a developmental progression of skills and it is up to individual teachers to judge when children are ready to move on.

As part of the curriculum, it is essential that teachers have the flexibility to respond to their children's interests. The guidance provides a bank of ideas to be used as a starting point. There is no expectation to complete all of the suggested activities. Teachers can select the activities that best meet their children's needs and interests and supplement these with their own ideas.

The home learning was created in response to the pandemic so that children at home could experience maths everyday. This can still be used to support planning, but teachers will also need to respond to their children's interests and include the essential hands-on learning required in the EYFS curriculum.

Important Links and Websites

The NCETM Early Years Area

The aim of this section is to help teachers and practitioners in Early Years settings have a clearer understanding of how children build early number sense, and to provide tips on how best to support that learning.

https://www.ncetm.org.uk/resources/51439

Number Blocks

Numberblocks, first broadcast in January 2017, is a pre-school BBC television series aimed at introducing children to early number.

Snappy animation and loveable characters combine with engaging storylines to gently introduce concepts of number to support early mathematical understanding.

https://www.bbc.co.uk/cbeebies/shows/numberblocks

NRICH

The NRICH Early Years resources aim to further develop young children's natural problem-solving abilities in the context of mathematics.

https://nrich.maths.org/early-years

Learning Trajectories

[LT]^2 is a web-based tool for early childhood educators to learn about how children think and learn about mathematics and how to teach mathematics to young children (birth to age 8).

https://www.learningtrajectories.org/

Early Math Collaborative

The Erikson Institute Early Math Collaborative is transforming the understanding, teaching and learning of early mathematics from the ground up.

https://earlymath.erikson.edu/

EEF Improving Mathematics in the EY and KS1

This guidance report summarises the latest research into early maths education and offers 5 practical recommendations for teachers to support the learning of children aged 3-7.

https://educationendowmentfoundation.org.uk/tools/guidance-reports/early-maths/

Year 1

Welcome to our lesson by lesson overview for 2020-21. This has been designed to give schools a clear progression to follow in case a blended learning approach is needed.

We have taken into account potential lost learning during the lockdown period by adding in recap lessons. These are indicated with an (R)

📽 Each lesson will link to a video tutorial produced by one of our maths specialists which can be used in a variety of ways:
- ✓ at home if classes, local areas or everyone goes into lockdown
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All the videos are freely available and most of them are linked to a worksheet that will be available through the premium website. We will also make the non-voiced over PowerPoint version of the video available to use as a front of class teaching tool.

For those lessons that say 'activity', the activity will be explained through the video. You will notice that some lessons are repeated. This happens with some key concepts as children may need more time to embed their learning.

For example there are two lessons on 'Finding the difference' in year 1.

| Monday | Subtraction - finding the difference | NF-1 AS-2 |
| Tuesday | Subtraction - finding the difference | NF-1 AS-2 |

We have linked our lessons to the DFE ready to progress criteria to help you plan and see where to prioritise learning. You can find the full guidance document **here** which includes the meanings of each code.

Release dates – our videos and front of class PowerPoints will be released over the year in line with this progression. We recommend, if you are using this, to use the dates we have provide.

Year 1 – Autumn Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 07/09/2020	Monday	Sorting up to 10 objects	**NPV-1**
	Tuesday	Count objects to 10	**NPV-1**
	Wednesday	Count objects from a group of 10	**NPV-1**
	Thursday	Represent up to 10 objects	**NPV-1**
	Friday	Represent numbers to 10	**NPV-1**
2 14/09/2020	Monday	Count forwards to 10	**NPV-1**
	Tuesday	Count backwards from 10	**NPV-1**
	Wednesday	Count one more for numbers within 10	**NPV-1**
	Thursday	Count one less for numbers within 10	**NPV-1**
	Friday	Counting activity	**NPV-1**
3 21/09/2020	Monday	One to one correspondence	**NPV-1**
	Tuesday	Compare up to 10 objects	**NPV-2**
	Wednesday	Introduce <, > and = for numbers within 10	**NPV-2**
	Thursday	Compare numbers within 10	**NPV-2**
	Friday	Comparing activity	**NPV-2**
4 28/09/2020	Monday	Order up to 10 objects	**NPV-2**
	Tuesday	Order numbers up to 10	**NPV-2**
	Wednesday	Ordinal numbers	**NPV-2**
	Thursday	The number line from 0 to 10	**NPV-2**
	Friday	Mini assessment	

Week	Day	Topic	
5 05/10/2020	Monday	Introducing parts and wholes (single object)	**AS-1**
	Tuesday	Parts and wholes activity (groups of objects)	**AS-1**
	Wednesday	Part-whole model (with images)	**AS-1**
	Thursday	Part-whole model	**AS-1**
	Friday	Addition symbol	**AS-2**
6 12/10/2020	Monday	Fact families - addition facts	**NF-1 AS-2**
	Tuesday	Find number bonds for numbers within 10	**NF-1 AS-1**
	Wednesday	Systematic methods for number bonds within 10	**NF-1 AS-1**
	Thursday	Number bonds to 10	**NF-1 AS-1**
	Friday	Compare number bonds	**NF-1 AS-1**
7 19/10/2020	Monday	Addition - adding together	**NF-1 AS-2**
	Tuesday	Addition - adding more	**NF-1 AS-2**
	Wednesday	Addition - adding more	**NF-1 AS-2**
	Thursday	Addition - using bonds	**NF-1 AS-2**
	Friday	Finding a part	**NF-1 AS-1**
8 02/11/2020	Monday	Subtraction - taking away - crossing out	**NF-1 AS-2**
	Tuesday	Subtraction - taking away - using the symbol	**NF-1 AS-2**
	Wednesday	Subtraction - find a part	**NF-1 AS-2**
	Thursday	Fact families - the 8 facts	**NF-1 AS-2**
	Friday	Subtraction - counting back	**NF-1 AS-2**
9 09/11/2020	Monday	Subtraction - finding the difference	**NF-1 AS-2**
	Tuesday	Subtraction - finding the difference	**NF-1 AS-2**
	Wednesday	Comparing addition and subtraction statements $a + b > c$	**AS-2**
	Thursday	Comparing addition and subtraction statements $a + b > c + d$	**AS-2**
	Friday	Mini-assessment	

Week	Day	Topic	
10 16/11/2020	Monday	Recognise and name 3-D shapes	**G-1**
	Tuesday	Sort 3-D shapes	**G-1**
	Wednesday	Recognise and name 2-D shapes	**G-1**
	Thursday	Sort 2-D shapes	**G-1**
	Friday	Patterns with 3-D and 2-D shapes	**G-1**
11 23/11/2020	Monday	Count forwards and backwards and write numbers to 20	**NPV-1**
	Tuesday	Numbers from 11 to 20	**NPV-1**
	Wednesday	Tens and ones	**NPV-1**
	Thursday	Tens and ones	**NPV-1**
	Friday	Count one more one less	**NPV-1**
12 30/11/2020	Monday	Compare groups of objects	**NPV-2**
	Tuesday	Compare numbers	**NPV-2**
	Wednesday	Order groups of objects	**NPV-2**
	Thursday	Order numbers	**NPV-2**
	Friday	Mini assessment	
13 07/12/2020	Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.		
14 14/12/2020	Activity week. This week we will be providing some themed activities linking to the learning from this term.		

White Rose Maths

Year 1 – Spring Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic
1 04/01/2021	Consolidation week. Use this week to recap and consolidate learning from the Autumn term. For additional challenge – check out our problems of the day.	
2 11/01/2021	Monday	Add by counting on within 20 activity
	Tuesday	Add by counting on within 20
	Wednesday	Add ones using number bonds activity
	Thursday	Add ones using number bonds
	Friday	Find and make number bonds to 20
3 18/01/2021	Monday	Add by making 10 activity
	Tuesday	Add by making 10
	Wednesday	Subtraction - not crossing 10
	Thursday	Subtraction - not crossing 10 (counting back)
	Friday	Subtraction - crossing 10 (counting back)
4 25/01/2021	Monday	Subtraction - crossing 10 (1)
	Tuesday	Subtraction - crossing 10 (2)
	Wednesday	Related facts
	Thursday	Compare number sentences
	Friday	Mini-assessment

Week	Day	Topic	
5 01/02/2021	Monday	Counting to 50 by making 10s activity	**NPV-1**
	Tuesday	Numbers to 50	**NPV-1**
	Wednesday	Counting forwards and backwards within 50	**NPV-1**
	Thursday	Tens and ones	**NPV-1**
	Friday	Represent numbers to 50	**NPV-1**
6 08/02/2021	Monday	One more one less activity	**NPV-1**
	Tuesday	One more one less	**NPV-1**
	Wednesday	Compare objects within 50	
	Thursday	Compare numbers within 50	
	Friday	Order numbers within 50	
7 22/02/2021	Monday	Count in 2s activity	**NF-2**
	Tuesday	Count in 2s	**NF-2**
	Wednesday	Count in 5s activity	**NF-2**
	Thursday	Count in 5s	**NF-2**
	Friday	Mini-assessment	
8 01/03/2021	Monday	Compare lengths activity	**NPV-2**
	Tuesday	Compare heights activity	**NPV-2**
	Wednesday	Compare lengths & heights	**NPV-2**
	Thursday	Measuring lengths (non-standard units) activity	**NPV-2**
	Friday	Measure length (1)	**NPV-2**
9 08/03/2021	Monday	Introducing the ruler activity	**NPV-2**
	Tuesday	Measure length (2)	**NPV-2**
	Wednesday	Adding length problems	**AS-2**
	Thursday	Subtracting length problems	**AS-2**
	Friday	Mini-assessment	

Week	Day	Topic
10 15/03/2021	Monday	Introducing weight and mass activity
	Tuesday	Introducing weight and mass
	Wednesday	Measure mass
	Thursday	Compare mass
	Friday	Weight and mass problems
11 22/03/2021	Monday	Introduce capacity and volume activity
	Tuesday	Introduce capacity and volume
	Wednesday	Measure capacity
	Thursday	Compare capacity
	Friday	Mini-assessment
12 29/03/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.

Year 1 – Summer Term

Lesson by lesson overview 2020/21

Week	Day	Topic	
1 12/04/2021	Consolidation week. Use this week to recap and consolidate learning on addition and subtraction within 10 and 20		
2 19/04/2021	Monday	Count in 2s	**NF-2** Ⓡ
	Tuesday	Count in 5s	**NF-2** Ⓡ
	Wednesday	Count in 10s activity	**NF-2**
	Thursday	Count in 10s	**NF-2**
	Friday	Make equal groups activity	
3 26/04/2021	Monday	Make equal groups	
	Tuesday	Add equal groups	
	Wednesday	Make arrays activity	
	Thursday	Make arrays	
	Friday	Make doubles	
4 03/05/2021	Monday	Make equal groups - grouping activity	
	Tuesday	Make equal groups - grouping	
	Wednesday	Make equal groups - sharing activity	
	Thursday	Make equal groups - sharing	
	Friday	Mini-assessment	

Week	Day	Topic	
5 10/05/2021	Monday	Making a half activity	
	Tuesday	Making a whole activity	
	Wednesday	Find a half (1)	
	Thursday	Find a half of a quantity activity	
	Friday	Find a half (2)	
6 17/05/2021	Monday	Making a quarter activity	
	Tuesday	Find a quarter (1)	
	Wednesday	Find a quarter of a quantity activity	
	Thursday	Find a quarter (2)	
	Friday	Mini-assessment	
7 24/05/2021	Monday	Describe turns activity	**G-2**
	Tuesday	Describe turns	**G-2**
	Wednesday	Describe position (1)	**G-2**
	Thursday	Describe position (2)	**G-2**
	Friday	Mini-assessment	
8 07/06/2021	Monday	Counting to 100 by making 10s activity	**NPV-1**
	Tuesday	Counting to 100	**NPV-1**
	Wednesday	Counting forwards and backwards within 100	**NPV-1**
	Thursday	Introducing the 100 square activity	**NPV-1**
	Friday	Partitioning numbers	
9 14/06/2021	Monday	Comparing numbers (1)	
	Tuesday	Comparing numbers (2)	
	Wednesday	Ordering numbers	
	Thursday	One more, one less	**NPV-1**
	Friday	Mini-assessment	

Week	Day	Topic	
10 21/06/2021	Monday	Recognising coins	
	Tuesday	Recognising notes	
	Wednesday	Counting in coins activity	**NF-2**
	Thursday	Counting in coins	**NF-2**
	Friday	Mini-assessment	
11 28/06/2021	Monday	Before and after activity	
	Tuesday	Before and after	
	Wednesday	Dates	
	Thursday	Time to the hour activity	
	Friday	Time to the hour	
12 05/07/2021	Monday	Time to the half hour activity	
	Tuesday	Time to the half hour	
	Wednesday	Writing time	
	Thursday	Comparing time	
	Friday	Mini-assessment	
13 12/07/2021	Activity week. This week we will be providing some themed activities linking to the learning from this term.		

Year 2

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Year 2 – Autumn Term

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Week	Day	Topic	
1 07/09/2020	Monday	Counting forwards and backwards within 20	NPV-1 Ⓡ
	Tuesday	Tens and ones within 20	NPV-1 Ⓡ
	Wednesday	Counting forwards and backwards within 50	NPV-1 Ⓡ
	Thursday	Tens and ones within 50	NPV-1 Ⓡ
	Friday	Compare numbers within 50	NPV-2 Ⓡ
2 14/09/2020	Monday	Count objects to 100	NPV-1
	Tuesday	Read and write numbers to 100 in numerals and words	NPV-1
	Wednesday	Represent numbers to 100 activity	NPV-1
	Thursday	Represent numbers to 100	NPV-1
	Friday	Tens and ones using a part-whole	NPV-1
3 21/09/2020	Monday	Tens and ones using addition	NPV-1
	Tuesday	Use a place value chart	NPV-1
	Wednesday	Compare objects	NPV-2
	Thursday	Compare numbers	NPV-2
	Friday	Order objects and numbers	NPV-2
4 28/09/2020	Monday	Count in 2s	NPV-2 Ⓡ
	Tuesday	Count in 5s	NPV-2 Ⓡ
	Wednesday	Count in 10s	NPV-2 Ⓡ
	Thursday	Count in 3s	NPV-2
	Friday	Mini-assessment	

Week	Day	Topic	
5 05/10/2020	Monday	Fact families - addition and subtraction bonds to 20	**AS-1**
	Tuesday	Check calculations	**AS-3**
	Wednesday	Compare number sentences	**AS-3**
	Thursday	Know your bonds	**AS-3**
	Friday	Related facts	**AS-3**
6 12/10/2020	Monday	Bonds to 100 (tens)	**AS-3**
	Tuesday	Add and subtract 1s	**AS-3**
	Wednesday	10 more 10 less	**NPV-2 AS-3**
	Thursday	Add and subtract 10s	**AS-3**
	Friday	Add by making 10	**AS-1** Ⓡ
7 19/10/2020	Monday	Add a 2-digit and 1-digit number - crossing ten	**AS-3**
	Tuesday	Add a 2-digit and 1-digit number - crossing ten	**AS-3**
	Wednesday	Subtraction - crossing 10	**AS-1** Ⓡ
	Thursday	Subtract a 1-digit number from a 2-digit number - crossing ten	**AS-3**
	Friday	Subtract a 1-digit number from a 2-digit number - crossing ten	**AS-3**
8 02/11/2020	Monday	Add two 2-digit numbers - not crossing ten - add ones and add tens	**AS-4**
	Tuesday	Add two 2-digit numbers - crossing ten - add ones and add tens	**AS-4**
	Wednesday	Subtract a 2-digit number from a 2-digit number - not crossing ten	**AS-4**
	Thursday	Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones and subtract tens	**AS-4**
	Friday	Mixed addition and subtraction activity	**AS-4**
9 09/11/2020	Monday	Find and make number bonds	**AS-3** Ⓡ
	Tuesday	Bonds to 100 (tens and ones)	**AS-3**
	Wednesday	Add three 1-digit numbers	**AS-3**
	Thursday	Mini-assessment	
	Friday	Recognising coins and notes	Ⓡ

Week	Day	Topic	
10 16/11/2020	Monday	Count money - pence	
	Tuesday	Count money - pounds (notes and coins)	
	Wednesday	Count money - notes and coins	
	Thursday	Select money	
	Friday	Make the same amount	
11 23/11/2020	Monday	Compare money	**NPV-2**
	Tuesday	Find the total	**AS-1/2/3/4**
	Wednesday	Find the difference	**AS-1/2/3/4**
	Thursday	Find change	**AS-1/2/3/4**
	Friday	Two-step problems	**AS-1/2/3/4**
12 30/11/2020	Monday	Make equal groups activity	**MD-1** (R)
	Tuesday	Make equal groups	**MD-1** (R)
	Wednesday	Redistribute from unequal to equal groups activity	**MD-1**
	Thursday	Add equal groups	**MD-1** (R)
	Friday	Make arrays	**MD-1** (R)
13 07/12/2020		Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.	
14 14/12/2020		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 2 – Spring Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 04/01/2021	Monday	Recognise equal groups	**MD-1**
	Tuesday	Make equal groups	**MD-1**
	Wednesday	Add equal groups	**MD-1**
	Thursday	Multiplication sentences using the x symbol	**MD-1**
	Friday	Multiplication sentences from pictures	**MD-1**
2 11/01/2021	Monday	Use arrays	**MD-1**
	Tuesday	Make doubles	**MD-1** Ⓡ
	Wednesday	2 times-table	**MD-1**
	Thursday	5 times-table	**MD-1**
	Friday	10 times-table	**MD-1**
3 18/01/2021	Monday	Make equal groups - sharing	**MD-2** Ⓡ
	Tuesday	Make equal groups - sharing	**MD-2**
	Wednesday	Make equal groups - grouping	**MD-2** Ⓡ
	Thursday	Make equal groups - grouping	**MD-2**
	Friday	Sharing and grouping activity	**MD-2**
4 25/01/2021	Monday	Divide by 2	**MD-2**
	Tuesday	Odd and even numbers	**MD-1**
	Wednesday	Divide by 5	**MD-2**
	Thursday	Divide by 10	**MD-2**
	Friday	Mini-assessment	

Week	Day	Topic		
5 01/02/2021	Monday	Make tally charts activity		
	Tuesday	Make tally charts		
	Wednesday	Draw pictograms (1-1) activity		
	Thursday	Draw pictograms (1-1)		
	Friday	Interpret pictograms (1-1)		
6 08/02/2021	Monday	Draw pictograms (2, 5 and 10) activity	**NPV-2**	**MD-1**
	Tuesday	Draw pictograms (2, 5 and 10)	**NPV-2**	**MD-1**
	Wednesday	Interpret pictograms (2, 5 and 10)	**NPV-2**	**MD-1**
	Thursday	Block diagrams	**NPV-2**	**MD-1**
	Friday	Mini-assessment		
7 22/02/2021	Monday	Recognise 2-D and 3-D shapes	**G-1**	
	Tuesday	Make 2-D and 3-D shapes activity	**G-1**	
	Wednesday	Count sides on 2-D shapes	**G-1**	
	Thursday	Count vertices on 2-D shapes	**G-1**	
	Friday	Draw 2-D shapes	**G-1**	
8 01/03/2021	Monday	Lines of symmetry (1)	**G-1**	
	Tuesday	Lines of symmetry (2)	**G-1**	
	Wednesday	Sort 2-D shapes	**G-1**	
	Thursday	Make patterns with 2-D shapes	**G-1**	
	Friday	Count faces on 3-D shapes	**G-1**	
9 08/03/2021	Monday	Count edges on 3-D shapes	**G-1**	
	Tuesday	Count vertices on 3-D shapes	**G-1**	
	Wednesday	Sort 3-D shapes	**G-1**	
	Thursday	Make patterns with 3-D shapes	**G-1**	
	Friday	Mini-assessment		

Week	Day	Topic
10 15/03/2021	Monday	Working with parts and wholes activity
	Tuesday	Make equal parts
	Wednesday	Recognise a half
	Thursday	Find a half
	Friday	Recognise a quarter
11 22/03/2021	Monday	Find a quarter
	Tuesday	Recognise a third
	Wednesday	Find a third
	Thursday	Unit fractions
	Friday	Non-unit fractions
12 29/03/2021	Monday	Equivalence of a half and 2 quarters
	Tuesday	Find three quarters
	Wednesday	Count in fractions
	Thursday	Problem solving with fractions
	Friday	Mini-assessment

Year 2 – Summer Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 12/04/2021	Monday	Compare lengths and heights	R
	Tuesday	Measure lengths (1)	R
	Wednesday	Measure lengths (2)	R
	Thursday	Measure length (cm)	
	Friday	Measure length (m)	
2 19/04/2021	Monday	Compare lengths	
	Tuesday	Order lengths	
	Wednesday	Four operations with lengths	
	Thursday	Problem solving with lengths	
	Friday	Mini-assessment	
3 26/04/2021	Monday	Describe position (1)	R
	Tuesday	Describe position (2)	R
	Wednesday	Problem solving with position	
	Thursday	Describe movement activity	
	Friday	Describe movement	
4 03/05/2021	Monday	Describe turns	
	Tuesday	Describe movement and turns activity	
	Wednesday	Describe movement and turns	
	Thursday	Making patterns with shapes	
	Friday	Mini-assessment	

Week	Day	Topic
5 10/05/2021		Consolidation and problem solving
6 17/05/2021		
7 24/05/2021	Monday	Telling time to the hour ⓡ
	Tuesday	Telling time to the half hour ⓡ
	Wednesday	O'clock and half past
	Thursday	Quarter past and quarter to
	Friday	Telling time to 5 minutes
8 07/06/2021	Monday	Writing time ⓡ
	Tuesday	Hours and days
	Wednesday	Find durations of time
	Thursday	Comapare durations of time
	Friday	Mini-assessment
9 14/06/2021	Monday	Introduce weight and mass ⓡ
	Tuesday	Measure mass ⓡ
	Wednesday	Compare mass
	Thursday	Measure mass in grams
	Friday	Measure mass in kilograms

Week	Day	Topic
10 21/06/2021	Monday	Introduce capacity and volume ⓡ
	Tuesday	Measure capacity ⓡ
	Wednesday	Compare volume
	Thursday	Millilitres
	Friday	Litres
11 28/06/2021	Monday	Four operations with mass
	Tuesday	Four operations with volume
	Wednesday	Temperature activity
	Thursday	Temperature
	Friday	Mini-assessment
12 05/07/2021		Consolidation week
13 12/07/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.

Year 3

Welcome to our lesson by lesson overview for 2020-21. This has been designed to give schools a clear progression to follow in case a blended learning approach is needed.

We have taken into account potential lost learning during the lockdown period by adding in recap lessons. These are indicated with an (R)

📹 Each lesson will link to a video tutorial produced by one of our maths specialists which can be used in a variety of ways:
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For those lessons that say 'activity', the activity will be explained through the video. You will notice that some lessons are repeated. This happens with some key concepts as children may need more time to embed their learning.

For example there are two lessons on 'Finding the difference' in year 1.

| Monday | Subtraction - finding the difference | NF-1 AS-2 |
| Tuesday | Subtraction - finding the difference | NF-1 AS-2 |

We have linked our lessons to the DFE ready to progress criteria to help you plan and see where to prioritise learning. You can find the full guidance document **here** which includes the meanings of each code.

Release dates – our videos and front of class PowerPoints will be released over the year in line with this progression. We recommend, if you are using this, to use the dates we have provide.

Year 3 – Autumn Term

Lesson by lesson overview 2020/21

Week	Day	Topic	
1 07/09/2020	Monday	Represent numbers to 100	**NPV-2** Ⓡ
	Tuesday	Tens and ones using addition	**NPV-2** Ⓡ
	Wednesday	Hundreds	**NPV-1 NPV-2**
	Thursday	Numbers to 1,000	**NPV-2**
	Friday	Numbers to 1,000 on a place value grid activity	**NPV-2**
2 14/09/2020	Monday	100s, 10s and 1s (1)	**NPV-2**
	Tuesday	100s, 10s and 1s (2)	**NPV-2**
	Wednesday	Number line to 100	**NPV-4** Ⓡ
	Thursday	Number line to 1,000	**NPV-4**
	Friday	Find 1, 10, 100 more or less	**NPV-3**
3 21/09/2020	Monday	Compare objects	**NPV-3**
	Tuesday	Compare numbers	**NPV-3**
	Wednesday	Ordering numbers	**NPV-3**
	Thursday	Count in 50s	**NPV-4**
	Friday	Mini-assessment	
4 28/09/2020	Monday	Add and subtract multiples of 100	**AS-2**
	Tuesday	Add and subtract 1s	**AS-2** Ⓡ
	Wednesday	Add and subtract 3-digit and 1-digit numbers - not crossing 10	**AS-2**
	Thursday	Add a 2-digit and 1-digit number - crossing 10	**AS-2** Ⓡ
	Friday	Add 3-digit and 1-digit numbers - crossing 10	**AS-2**

Week	Day	Topic	
5 05/10/2020	Monday	Subtract a 1-digit number from 2-digits - crossing 10	**AS-2** Ⓡ
	Tuesday	Subtract a 1-digit number from a 3-digit number - crossing 10	**AS-2**
	Wednesday	Add and subtract 3-digit and 2-digit numbers - not crossing 100	**AS-2**
	Thursday	Add 3-digit and 2-digit numbers - crossing 100	**AS-2**
	Friday	Subtract a 2-digit number from a 3-digit number - crossing 100	**AS-2**
6 12/10/2020	Monday	Add and subtract 100s	**AS-2**
	Tuesday	Spot the pattern - making it explicit	**AS-2**
	Wednesday	Add two 2-digit numbers - crossing 10 - add ones & add tens	**AS-2** Ⓡ
	Thursday	Subtract a 2-digit number from a 2-digit number - crossing 10 - subtract ones and subtract tens	**AS-2** Ⓡ
	Friday	Mixed addition and subtraction problems	**AS-2**
7 19/10/2020	Monday	Add and subtract 2-digit & 3-digit numbers - not crossing 10 or 100	**AS-2**
	Tuesday	Add 2-digit and 3-digit numbers - crossing 10 or 100	**AS-2**
	Wednesday	Subtract a 2-digit number from a 3-digit number - crossing 10 or 100	**AS-2**
	Thursday	Add two 3-digit numbers - not crossing 10 or 100	**AS-2**
	Friday	Add two 3-digit numbers - crossing 10 or 100	**AS-2**
8 02/11/2020	Monday	Subtract a 3-digit number from a 3-digit number - no exchange	**AS-2**
	Tuesday	Subtract a 3-digit number from a 3-digit number - exchange	**AS-2**
	Wednesday	Estimate answers to calculations	**AS-2**
	Thursday	Check answers	**AS-3**
	Friday	Mini-assessment	
9 09/11/2020	Monday	Multiplication - equal groups	**MD-1**
	Tuesday	Multiplication using the symbol	**MD-1** Ⓡ
	Wednesday	Using arrays	**MD-1** Ⓡ
	Thursday	2 times-table	**MD-1** Ⓡ
	Friday	5 times-table	**MD-1** Ⓡ

Week	Day	Topic	
10 16/11/2020	Monday	Make equal groups - sharing	**MD-1** Ⓡ
	Tuesday	Make equal groups - grouping	**MD-1** Ⓡ
	Wednesday	Divide by 2	**MD-1** Ⓡ
	Thursday	Divide by 5	**MD-1** Ⓡ
	Friday	Divide by 10	**MD-1** Ⓡ
11 23/11/2020	Monday	Multiply by 3	**MD-1**
	Tuesday	Divide by 3	**MD-1**
	Wednesday	The 3 times-table	**MD-1**
	Thursday	Multiply by 4	**MD-1**
	Friday	Divide by 4	**MD-1**
12 30/11/2020	Monday	The 4 times-table	**MD-1**
	Tuesday	Multiply by 8	**MD-1**
	Wednesday	Divide by 8	**MD-1**
	Thursday	The 8 times-table	**MD-1**
	Friday	Mini-assessment	
13 07/12/2020	Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.		
14 14/12/2020	Activity week. This week we will be providing some themed activities linking to the learning from this term.		

Year 3 – Spring Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 04/01/2021	Monday	Consolidate 2, 4 and 8 times-tables	**MD-1** ⓡ
	Tuesday	Comparing statements	**MD-1**
	Wednesday	Related calculations	**MD-1**
	Thursday	Multiply 2-digits by 1-digit - no exchange - activity	**MD-1**
	Friday	Multiply 2-digits by 1-digit (1)	**MD-1**
2 11/01/2021	Monday	Multiply 2-digits by 1-digit - exchange - activity	**MD-1**
	Tuesday	Multiply 2-digits by 1-digit (2)	**MD-1**
	Wednesday	Divide 2-digits by 1-digit (1)	**MD-1**
	Thursday	Divide 2-digits by 1-digit (2)	**MD-1**
	Friday	Divide 100 into 2, 4, 5 and 10 equal parts - activity	**MD-1**
3 18/01/2021	Monday	Divide with remainders activity	**MD-1**
	Tuesday	Divide 2-digits by 1-digit (3)	**MD-1**
	Wednesday	Scaling	**MD-1**
	Thursday	How many ways?	**MD-1**
	Friday	Mini-assessment	
4 25/01/2021	Monday	Count money (pence)	ⓡ
	Tuesday	Count money (pounds)	ⓡ
	Wednesday	Pounds and pence	
	Thursday	Convert pounds and pence	**NPV-2**
	Friday	Add money	**AS-2**

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Week	Day	Topic	
5 01/02/2021	Monday	Subtract money	**AS-2**
	Tuesday	Give change	**AS-2**
	Wednesday	Mini-assessment	
	Thursday	Make tally charts	Ⓡ
	Friday	Draw pictograms	Ⓡ
6 08/02/2021	Monday	Interpret pictograms	Ⓡ
	Tuesday	Draw bar charts - activity	
	Wednesday	Bar charts	
	Thursday	Tables	
	Friday	Mini-assessment	
7 22/02/2021	Monday	Measure length	
	Tuesday	Measure length (m)	Ⓡ
	Wednesday	Equivalent lengths (m and cm)	**NPV-2**
	Thursday	Equivalent lengths (mm and cm)	**NPV-2**
	Friday	Compare lengths	**NPV-3** Ⓡ
8 01/03/2021	Monday	Compare lengths	**NPV-3**
	Tuesday	Add lengths	**AS-2**
	Wednesday	Subtract lengths	**AS-2**
	Thursday	What is perimeter? Activity	**AS-2**
	Friday	Measure perimeter	**AS-2**
9 08/03/2021	Monday	Calculate perimeter	**AS-2**
	Tuesday	Calculate perimeter	**AS-2**
	Wednesday	Mini-assessment	
	Thursday	Working with wholes and parts activity	**NF-1** Ⓡ
	Friday	Recap - Make equal parts	**NF-1** Ⓡ

Week	Day	Topic		
10 15/03/2021	Monday	Recognise a half	F-1	R
	Tuesday	Find a half	F-2	R
	Wednesday	Recognise a quarter	F-1	R
	Thursday	Find a quarter	F-2	R
	Friday	Recognise a third	F-1	R
11 22/03/2021	Monday	Find a third	F-2	R
	Tuesday	Unit fractions	F-1	R
	Wednesday	Non-unit fractions	F-1	R
	Thursday	Equivalence of a half and 2 quarters	F-1	R
	Friday	Count in fractions	F-3	R
12 29/03/2021	Activity week. This week we will be providing some themed activities linking to the learning from this term.			

Year 3 – Summer Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 12/04/2021	Monday	Making the whole	**F-3**
	Tuesday	Tenths	**F-3**
	Wednesday	Count in tenths	**F-3**
	Thursday	Tenths as decimals	**F-3**
	Friday	Fractions on a number line	**F-3**
2 19/04/2021	Monday	Fractions of a set of objects (1)	**F-2**
	Tuesday	Fractions of a set of objects (2)	**F-2**
	Wednesday	Fractions of a set of objects (3)	**F-2**
	Thursday	Equivalent fractions (1)	**F-1**
	Friday	Equivalent fractions (2)	**F-1**
3 26/04/2021	Monday	Equivalent fractions (3)	**F-1**
	Tuesday	Compare fractions	**F-3**
	Wednesday	Order fractions	**F-3**
	Thursday	Add fractions	**F-4**
	Friday	Subtract fractions	**F-4**
4 03/05/2021	Monday	O'clock and half past	ⓡ
	Tuesday	Quarter past and quarter to	ⓡ
	Wednesday	Months and years	
	Thursday	Hours in a day	
	Friday	Telling the time to 5 minutes	

Week	Day	Topic	
5 10/05/2021	Monday	Telling the time to the minute	
	Tuesday	Using a.m. and p.m.	
	Wednesday	24-hour clock activity	
	Thursday	24-hour clock	
	Friday	Finding the duration	
6 17/05/2021	Monday	Comparing durations	
	Tuesday	Start and end times	
	Wednesday	Measuring time in seconds	
	Thursday	Problem solving with time	
	Friday	Mini-assessment	
7 24/05/2021	Monday	Turns and angles	**G-1**
	Tuesday	Right angles in shapes	**G-1**
	Wednesday	Compare angles	**G-1**
	Thursday	Draw accurately	**G-2**
	Friday	Horizontal and vertical	**G-2**
8 07/06/2021	Monday	Parallel and perpendicular	**G-2**
	Tuesday	Recognise and describe 2-D shapes	**G-2**
	Wednesday	Recognise and describe 3-D shapes	**G-2**
	Thursday	Make 3-D shapes	**G-2**
	Friday	Mini-assessment	
9 14/06/2021	Monday	Measure mass activity	
	Tuesday	Compare mass	(R)
	Wednesday	Measure mass (1)	
	Thursday	Measure mass (2)	
	Friday	Compare mass	

Week	Day	Topic	
10 21/06/2021	Monday	Add and subtract mass	
	Tuesday	Measure capacity activity	
	Wednesday	Compare volume	Ⓡ
	Thursday	Measure capacity (1)	
	Friday	Measure capacity (2)	
11 28/06/2021	Monday	Compare capacity	
	Tuesday	Add and subtract capacity	
	Wednesday	Temperature activity	Ⓡ
	Thursday	Temperature	Ⓡ
	Friday	Mini-assessment	
12 05/07/2021		Consolidation week	
13 12/07/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 4

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| Tuesday | Subtraction - finding the difference | NF-1 AS-2 |

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Year 4 – Autumn Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 07/09/2020	Monday	Numbers to 1,000	**NPV-2** ®
	Tuesday	100s. 10s and 1s	**NPV-2** ®
	Wednesday	Number line to 1,000	**NPV-4** ®
	Thursday	Round to the nearest 10	**NPV-3**
	Friday	Round to the nearest 100	**NPV-3**
2 14/09/2020	Monday	Count in 1000s	**NPV-1**
	Tuesday	Represent numbers to 10,000 activity	**NPV-2**
	Wednesday	1000s, 100s, 10s and 1s	**NPV-2**
	Thursday	Partitioning	**NPV-2**
	Friday	The number line to 10,000	**NPV-3**
3 21/09/2020	Monday	Find 1, 10, 100 more or less	**NPV-3** ®
	Tuesday	1,000 more or less	**NPV-3**
	Wednesday	Compare 4-digit numbers	**NPV-3**
	Thursday	Order numbers	**NPV-3**
	Friday	Round to the nearest 1,000	**NPV-3**
4 28/09/2020	Monday	Count in 25s	**NPV-3**
	Tuesday	Introducing negative numbers activity	**NPV-3**
	Wednesday	Negative numbers	**NPV-3**
	Thursday	Roman numerals	**NPV-3**
	Friday	Mini-assessment	

Week	Day	Topic	
5 05/10/2020	Monday	Add and subtract 1s, 10s, 100s and 1,000s	
	Tuesday	Add two 3-digit numbers - not crossing 10 or 100	**R**
	Wednesday	Add two 4-digit numbers - no exchange	
	Thursday	Add two 3-digit numbers - crossing 10 or 100	**R**
	Friday	Add two 4-digit numbers - one exchange	
6 12/10/2020	Monday	Add two 4-digit numbers - more than one exchange	
	Tuesday	Subtract a 3-digit number from a 3-digit number - no exchange	**R**
	Wednesday	Subtract two 4-digit numbers - no exchange	
	Thursday	Subtract a 3-digit number from a 3-digit number - exchange	**R**
	Friday	Subtract two 4-digit numbers - one exchange	
7 19/10/2020	Monday	Subtract two 4-digit numbers - more than one exchange	
	Tuesday	Efficient Subtraction	
	Wednesday	Estimate answers	
	Thursday	Checking strategies	
	Friday	Mini-assessment	
8 02/11/2020	Monday	Equivalent lengths - m and cm	**R**
	Tuesday	Equivalent lengths - mm and cm	**R**
	Wednesday	Kilometres	
	Thursday	Add lengths	**R**
	Friday	Subtract lengths	**R**
9 09/11/2020	Monday	Measure perimeter	**G-2** **R**
	Tuesday	Perimeter on a grid	**G-2**
	Wednesday	Perimeter of a rectangle	**G-2**
	Thursday	Perimeter of rectilinear shapes	**G-2**
	Friday	Mini-assessment	

Week	Day	Topic	
10 16/11/2020	Monday	Multiply by 10	**MD-1**
	Tuesday	Multiply by 100	**MD-1**
	Wednesday	Divide by 10	**MD-1**
	Thursday	Divide by 100	**MD-1**
	Friday	Multiply by 1 and 0	**NF-1 MD-2**
11 23/11/2020	Monday	Divide by 1 and itself	**NF-1 MD-2**
	Tuesday	Multiply and divide by 3	**NF-1 MD-2** Ⓡ
	Wednesday	The 3 times-table	**NF-1 MD-2** Ⓡ
	Thursday	Multiply and divide by 6	**NF-1 MD-2**
	Friday	6 times-table and division facts	**NF-1 MD-2**
12 30/11/2020	Monday	Multiply and divide by 9	**NF-1 MD-2**
	Tuesday	9 times-table and division facts	**NF-1 MD-2**
	Wednesday	Multiply and divide by 7	**NF-1 MD-2**
	Thursday	7 times-table and division facts	**NF-1 MD-2**
	Friday	Mini-assessment	
13 07/12/2020		Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.	
14 14/12/2020		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 4 – Spring Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 04/01/2021	Monday	11 and 12 times-table	**NF-1 MD-2**
	Tuesday	Multiply 3 numbers	**NF-1 MD-2**
	Wednesday	Factor pairs	**MD-2**
	Thursday	Efficient multiplication	**MD-2**
	Friday	Written methods	**MD-2**
2 11/01/2021	Monday	Multiply 2-digits by 1-digit	**MD-3** (R)
	Tuesday	Multiply 2-digits by 1-digit	**MD-3**
	Wednesday	Multiply 3-digits by 1-digit	**MD-3**
	Thursday	Divide 2-digits by 1-digit	**MD-3** (R)
	Friday	Divide 2-digits by 1-digit (1)	**MD-3**
3 18/01/2021	Monday	Divide 2-digits by 1-digit	**MD-3** (R)
	Tuesday	Divide 2-digits by 1-digit (2)	**MD-3**
	Wednesday	Divide 3-digits by 1-digit	**MD-3**
	Thursday	Correspondence problems	**MD-3**
	Friday	Mini-assessment	
4 25/01/2021	Monday	What is area?	
	Tuesday	Counting squares	
	Wednesday	Making shapes	
	Thursday	Comparing area	
	Friday	Mini-assessment	

Week	Day	Topic		
5 01/02/2021	Monday	Unit and non-unit fractions	**F-1**	**R**
	Tuesday	What is a fraction?	**F-1**	
	Wednesday	Tenths	**F-1**	**R**
	Thursday	Count in tenths	**F-1**	**R**
	Friday	Equivalent fractions (1)	**F-1**	**R**
6 08/02/2021	Monday	Equivalent fractions (2)	**F-1**	**R**
	Tuesday	Equivalent fractions (1)	**F-1**	
	Wednesday	Equivalent fractions (2)	**F-1**	
	Thursday	Fractions greater than 1	**F-2**	
	Friday	Count in fractions	**F-2**	
7 22/02/2021	Monday	Add fractions	**F-3**	**R**
	Tuesday	Add 2 or more fractions	**F-3**	
	Wednesday	Subtract fractions	**F-3**	**R**
	Thursday	Subtract 2 fractions	**F-3**	
	Friday	Subtract from whole amounts	**F-3**	
8 01/03/2021	Monday	Fractions of a set of objects (1)		**R**
	Tuesday	Fractions of a set of objects (2)		**R**
	Wednesday	Calculate fractions of a quantity		
	Thursday	Problem solving - calculate quantities		
	Friday	Mini-assessment		
9 08/03/2021	Monday	Tenths and hundredths activity		
	Tuesday	Recognise tenths and hundredths		
	Wednesday	Tenths as decimals		
	Thursday	Tenths on a place value grid		
	Friday	Tenths on a number line		

Week	Day	Topic
10 15/03/2021	Monday	Divide 1-digit by 10
	Tuesday	Divide 2-digits by 10
	Wednesday	Hundredths
	Thursday	Hundredths as decimals
	Friday	Hundredths on a place value grid
11 22/03/2021	Monday	Divide 1 or 2-digits by 100
	Tuesday	Mini-assessment
		Consolidation
12 29/03/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.

Year 4 – Summer Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 12/04/2021	Monday	Bonds to 10 and 100	(R)
	Tuesday	Make a whole	
	Wednesday	Write decimals activity	
	Thursday	Write decimals	
	Friday	Compare decimals	
2 19/04/2021	Monday	Order decimals	
	Tuesday	Round decimals activity	
	Wednesday	Round decimals	
	Thursday	Halves and quarters	
	Friday	Mini-assessment	
3 26/04/2021	Monday	Pounds and pence	
	Tuesday	Ordering money	
	Wednesday	Estimating money	
	Thursday	Convert pounds and pence	(R)
	Friday	Add money	(R)
4 03/05/2021	Monday	Subtract money	(R)
	Tuesday	Find change	(R)
	Wednesday	Working with money activity	
	Thursday	Four operations	
	Friday	Mini-assessment	

Week	Day	Topic	
5 10/05/2021	Monday	Telling the time to 5 minutes	Ⓡ
	Tuesday	Telling the time to the minute	Ⓡ
	Wednesday	Using a.m. and p.m.	Ⓡ
	Thursday	24-hour clock	Ⓡ
	Friday	Hours, minutes and seconds	
6 17/05/2021	Monday	Years, months, weeks and days	
	Tuesday	Analogue to digital - activity	
	Wednesday	Analogue to digital - 12 hour	
	Thursday	Analogue to digital - 24 hour	
	Friday	Mini-assessment	
7 24/05/2021	Monday	Interpret charts	**NPV-4**
	Tuesday	Comparison, sum and difference	**NPV-4**
	Wednesday	Introducing line graphs	**NPV-4**
	Thursday	Line graphs	**NPV-4**
	Friday	Mini-assessment	
8 07/06/2021	Monday	Turns and angles	**G-2** Ⓡ
	Tuesday	Right angles in shapes	**G-2** Ⓡ
	Wednesday	Compare angles	**G-2** Ⓡ
	Thursday	Identify angles	**G-2**
	Friday	Compare and order angles	**G-2**
9 14/06/2021	Monday	Recognise and describe 2-D shapes	**G-2** Ⓡ
	Tuesday	Triangles activity	**G-2**
	Wednesday	Triangles	**G-2**
	Thursday	Quadrilaterals activity	**G-2**
	Friday	Quadrilaterals	**G-2**

Week	Day	Topic	
10 21/06/2021	Monday	Symmetry activity	**G-3**
	Tuesday	Horizontal and vertical	**G-3** (R)
	Wednesday	Lines of symmetry	**G-3**
	Thursday	Complete a symmetric figure	**G-3**
	Friday	Mini-assessment	
11 28/06/2021	Monday	Describe position	**G-1**
	Tuesday	Draw on a grid	**G-1**
	Wednesday	Move on a grid	**G-1**
	Thursday	Describe movement on a grid	**G-1**
	Friday	Mini-assessment	
12 05/07/2021		Consolidation week	
13 12/07/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 5

Welcome to our lesson by lesson overview for 2020-21. This has been designed to give schools a clear progression to follow in case a blended learning approach is needed.

We have taken into account potential lost learning during the lockdown period by adding in recap lessons. These are indicated with an 🔴R

🎥 Each lesson will link to a video tutorial produced by one of our maths specialists which can be used in a variety of ways:
- ✓ at home if classes, local areas or everyone goes into lockdown
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For those lessons that say 'activity', the activity will be explained through the video. You will notice that some lessons are repeated. This happens with some key concepts as children may need more time to embed their learning.

For example there are two lessons on 'Finding the difference' in year 1.

| Monday | Subtraction - finding the difference | NF-1 AS-2 |
| Tuesday | Subtraction - finding the difference | NF-1 AS-2 |

We have linked our lessons to the DFE ready to progress criteria to help you plan and see where to prioritise learning. You can find the full guidance document **here** which includes the meanings of each code.

Release dates – our videos and front of class PowerPoints will be released over the year in line with this progression. We recommend, if you are using this, to use the dates we have provide.

Year 5 – Autumn Term

White Rose Maths

Week	Day	Topic	
1 07/09/2020	Monday	1000s, 100s, 10s and 1s	**NPV-2** Ⓡ
	Tuesday	Numbers to 10,000	**NPV-2**
	Wednesday	Rounding to the nearest 10	**NPV-3** Ⓡ
	Thursday	Rounding to the nearest 100	**NPV-3** Ⓡ
	Friday	Rounding to 10, 100 and 1,000	**NPV-3**
2 14/09/2020	Monday	Numbers to 100,000	**NPV-2**
	Tuesday	Compare and order numbers to 100,000	**NPV-3**
	Wednesday	Round numbers within 100,000	**NPV-3**
	Thursday	Numbers to a million	**NPV-2**
	Friday	Counting in 10s, 100s, 1,000s, 10,000s and 100,000s	**NPV-2**
3 21/09/2020	Monday	Compare and order numbers to one million	**NPV-3**
	Tuesday	Round numbers to one million	**NPV-3**
	Wednesday	Negative numbers	**NPV-3**
	Thursday	Roman numerals	**NPV-3**
	Friday	Mini-assessment	
4 28/09/2020	Monday	Add two 4-digit numbers - one exchange	Ⓡ
	Tuesday	Add two 4-digit numbers - more than one exchange	Ⓡ
	Wednesday	Add whole numbers with more than 4 digits	
	Thursday	Subtract two 4-digit numbers - one exchange	Ⓡ
	Friday	Subtract two 4-digit numbers - more than one exchange	Ⓡ

Week	Day	Topic	
5 05/10/2020	Monday	Subtract whole numbers with more than 4-digits	
	Tuesday	Round to estimate and approximate	
	Wednesday	Inverse operations (addition and subtraction)	
	Thursday	Multi-step addition and subtraction problems	
	Friday	Mini-assessment	
6 12/10/2020	Monday	Interpret charts	Ⓡ
	Tuesday	Comparison, sum and difference	Ⓡ
	Wednesday	Introduce line graphs	**NPV-4** Ⓡ
	Thursday	Read and interpret line graphs	**NPV-4**
	Friday	Draw line graphs	**NPV-4**
7 19/10/2020	Monday	Use line graphs to solve problems	**NPV-4**
	Tuesday	Read and interpret tables	
	Wednesday	Two-way tables	
	Thursday	Timetables	
	Friday	Mini-assessment	
8 02/11/2020	Monday	Multiples	**MD-2**
	Tuesday	Factors	**MD-2**
	Wednesday	Common factors	**MD-2**
	Thursday	Prime numbers activity	**MD-2**
	Friday	Prime numbers	**MD-2**
9 09/11/2020	Monday	Square numbers	**MD-2**
	Tuesday	Cube numbers	**MD-2**
	Wednesday	Multiply by 10	**MD-1** Ⓡ
	Thursday	Multiply by 100	**MD-1** Ⓡ
	Friday	Multiply by 10, 100 and 1,000	**MD-1**

Week	Day	Topic	
10 16/11/2020	Monday	Divide by 10	**MD-1** Ⓡ
	Tuesday	Divide by 100	**MD-1** Ⓡ
	Wednesday	Divide by 10, 100 and 1,000	**MD-1**
	Thursday	Multiples of 10, 100 and 1,000	**MD-1**
	Friday	Mini-assessment	
11 23/11/2020	Monday	Measure perimeter	
	Tuesday	Perimeter on a grid	Ⓡ
	Wednesday	Perimeter of rectangles	Ⓡ
	Thursday	Perimeter of rectilinear shapes	Ⓡ
	Friday	Calculate perimeter	
12 30/11/2020	Monday	Counting squares	**G-2** Ⓡ
	Tuesday	Area of rectangles	**G-2**
	Wednesday	Area of compound shapes	**G-2**
	Thursday	Area of irregular shapes	**G-2**
	Friday	Mini-assessment	
13 07/12/2020	Consolidation week. Use this week to recap and consolidate learning from this term. For additional challenge – check out our problems of the day.		
14 14/12/2020	Activity week. This week we will be providing some themed activities linking to the learning from this term.		

Year 5 – Spring Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 04/01/2021	Monday	Multiply 2-digits by 1-digit	MD-3 ®
	Tuesday	Multiply 3-digits by 1-digit	MD-3 ®
	Wednesday	Multiply 4-digits by 1-digit	MD-3
	Thursday	Area model activity	MD-3
	Friday	Multiply 2-digits (area model)	MD-3
2 11/01/2021	Monday	Multiply 2-digits by 2-digits	MD-3
	Tuesday	Multiply 3-digits by 2-digits	MD-3
	Wednesday	Multiply 4-digits by 2-digits (basic practice)	MD-3
	Thursday	Multiply 4-digits by 2-digits	MD-3
	Friday	Divide 2-digits by 1-digit (1)	MD-4 ®
3 18/01/2021	Monday	Divide 2-digits by 1-digit (2)	MD-4 ®
	Tuesday	Divide 3-digits by 1-digit	MD-4 ®
	Wednesday	Divide 4-digits by 1-digit	MD-4
	Thursday	Divide with remainders	MD-4
	Friday	Mini-assessment	
4 25/01/2021	Monday	What is a fraction?	F-2 ®
	Tuesday	Equivalent fractions	F-2 ®
	Wednesday	Equivalent fractions	F-2
	Thursday	Fractions greater than 1	F-2 ®
	Friday	Improper fractions to mixed numbers	F-2

Week	Day	Topic	
5 01/02/2021	Monday	Mixed numbers to improper fractions	**F-2**
	Tuesday	Number sequences	**F-2**
	Wednesday	Compare fractions less than 1	**F-2**
	Thursday	Order fractions less than 1	**F-2**
	Friday	Compare fractions greater than 1	**F-2**
6 08/02/2021	Monday	Order fractions greater than 1	**F-2**
	Tuesday	Add and subtract fractions	
	Wednesday	Add fractions within 1 activity	
	Thursday	Add fractions within 1	
	Friday	Add 3 or more fractions	
7 22/02/2021	Monday	Add fractions	
	Tuesday	Add mixed numbers activity	
	Wednesday	Add mixed numbers	
	Thursday	Subtract fractions	
	Friday	Subtract mixed numbers	
8 01/03/2021	Monday	Subtraction - breaking the whole	
	Tuesday	Subtract 2 mixed numbers	
	Wednesday	Multiply unit fractions by an integer	
	Thursday	Multiply non-unit fractions by an integer	
	Friday	Multiply mixed numbers by integers	
9 08/03/2021	Monday	Calculate fractions of a quantity	**F-1** (R)
	Tuesday	Fraction of an amount	**F-1**
	Wednesday	Using fractions as operators	**F-1**
	Thursday	Fraction problem solving	**F-1**
	Friday	Mini-assessment	

Week	Day	Topic	
10 15/03/2021	Monday	Decimals up to 2 d.p.	**NPV-2**
	Tuesday	Decimals as fractions (1)	**F-3**
	Wednesday	Decimals as fractions (2)	**F-3**
	Thursday	Understand thousandths	**NPV-1**
	Friday	Thousandths as decimals	**NPV-1**
11 22/03/2021	Monday	Rounding decimals	**NPV-3**
	Tuesday	Order and compare decimals	**NPV-3**
	Wednesday	Understand percentages	
	Thursday	Percentages as fractions and decimals	
	Friday	Equivalent FDP	**F-3**
12 29/03/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 5 – Summer Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 12/04/2021		Consolidate decimals from the Spring term	
	Friday	Mini-assessment	
2 19/04/2021	Monday	Adding decimals within 1	
	Tuesday	Subtracting decimals within 1	
	Wednesday	Complements to 1	
	Thursday	Adding decimals - crossing the whole	
	Friday	Adding decimals with the same number of decimal places	
3 26/04/2021	Monday	Subtracting decimals with the same number of decimal places	
	Tuesday	Adding and subtracting decimals with the same number of decimal places problem solving	
	Wednesday	Adding decimals with a different number of decimal places	
	Thursday	Subtracting decimals with a different number of decimal places	
	Friday	Adding and subtracting decimals with a different number of decimal places problem solving	
4 03/05/2021	Monday	Adding and subtracting wholes and decimals	
	Tuesday	Decimal sequences	
	Wednesday	Multiplying decimals by 10, 100 and 1,000	**MD-1**
	Thursday	Dividing decimals by 10, 100 and 1,000	**MD-1**
	Friday	Mini-assessment	

Week	Day	Topic	
5 10/05/2021	Monday	Identify angles	**G-1** Ⓡ
	Tuesday	Compare and order angles	**G-1** Ⓡ
	Wednesday	Measuring angles in degrees	**G-1**
	Thursday	Measuring with a protractor (1)	**G-1**
	Friday	Measuring with a protractor (2)	**G-1**
6 17/05/2021	Monday	Drawing lines and angles accurately activity	**G-1**
	Tuesday	Drawing lines and angles accurately	**G-1**
	Wednesday	Calculating angles on a straight line	**G-1**
	Thursday	Calculating angles around a point	**G-1**
	Friday	Triangles	Ⓡ
7 24/05/2021	Monday	Quadrilaterals	Ⓡ
	Tuesday	Calculating lengths and angles in shapes	
	Wednesday	Regular and irregular polygons	
	Thursday	Reasoning about 3-D shapes	
	Friday	Mini-assessment	
8 07/06/2021	Monday	Describe position	Ⓡ
	Tuesday	Draw on a grid	Ⓡ
	Wednesday	Position in the first quadrant	
	Thursday	Translation	
	Friday	Translation with coordinates	
9 14/06/2021	Monday	Lines of symmetry	Ⓡ
	Tuesday	Complete a symmetric figure	Ⓡ
	Wednesday	Reflection	
	Thursday	Reflection with coordinates	
	Friday	Mini-assessment	

Week	Day	Topic	
10 21/06/2021	Monday	Kilometres	**NPV-6** Ⓡ
	Tuesday	Kilograms and kilometres	**NPV-6**
	Wednesday	Millimetres and millilitres	**NPV-6**
	Thursday	Metric units activity	**NPV-6**
	Friday	Metric units	**NPV-6**
11 28/06/2021	Monday	Imperial units activity	**NPV-6**
	Tuesday	Imperial units	**NPV-6**
	Wednesday	Converting units of time	**NPV-6**
	Thursday	Timetables	
	Friday	Mini-assessment	
12 05/07/2021	Monday	What is volume?	
	Tuesday	Compare volume	
	Wednesday	Estimate volume	
	Thursday	Estimate capacity	
	Friday	Mini-assessment	
13 12/07/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

White Rose Maths

Year 6

Welcome to our lesson by lesson overview for 2020-21. This has been designed to give schools a clear progression to follow in case a blended learning approach is needed.

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For those lessons that say 'activity', the activity will be explained through the video. You will notice that some lessons are repeated. This happens with some key concepts as children may need more time to embed their learning.

For example there are two lessons on 'Finding the difference' in year 1.

| Monday | Subtraction - finding the difference | NF-1 AS-2 |
| Tuesday | Subtraction - finding the difference | NF-1 AS-2 |

We have linked our lessons to the DFE ready to progress criteria to help you plan and see where to prioritise learning. You can find the full guidance document **here** which includes the meanings of each code.

Release dates – our videos and front of class PowerPoints will be released over the year in line with this progression. We recommend, if you are using this, to use the dates we have provide.

Year 6 – Autumn Term

Lesson by lesson overview 2020/21

White Rose Maths

Week	Day	Topic	
1 07/09/2020	Monday	Numbers to 10,000	**NPV-2** Ⓡ
	Tuesday	Numbers to 100,000	**NPV-2** Ⓡ
	Wednesday	Numbers to a million	**NPV-2** Ⓡ
	Thursday	Numbers to 10 million	**NPV-2**
	Friday	Compare and order any number	**NPV-3**
2 14/09/2020	Monday	Round numbers to 10, 100 and 1,000	**NPV-3** Ⓡ
	Tuesday	Round any number	**NPV-3**
	Wednesday	Negative numbers (in context)	**NPV-3**
	Thursday	Negative numbers (more abstract)	**NPV-3**
	Friday	Mini-assessment	
3 21/09/2020	Monday	Add whole numbers with more than 4 digits	Ⓡ
	Tuesday	Subtract whole numbers with more than 4 digits	Ⓡ
	Wednesday	Inverse operations (addition and subtraction)	Ⓡ
	Thursday	Multi-step addition and subtraction problems	Ⓡ
	Friday	Add and subtract integers	
4 28/09/2020	Monday	Multiply 4-digits by 1-digit	Ⓡ
	Tuesday	Multiply 2-digits (area model)	Ⓡ
	Wednesday	Multiply 2-digits by 2-digits	Ⓡ
	Thursday	Multiply 3-digits by 2-digits	Ⓡ
	Friday	Multiply up to a 4-digit number by a 2-digit number	

Week	Day	Topic	
5 05/10/2020	Monday	Divide 4-digits by 1-digit	(R)
	Tuesday	Divide with remainders	(R)
	Wednesday	Short division	
	Thursday	Division using factors	
	Friday	Long division (1)	
6 12/10/2020	Monday	Long division (2)	
	Tuesday	Long division (3)	
	Wednesday	Long division (4)	
	Thursday	Factors	(R)
	Friday	Common factors	
7 19/10/2020	Monday	Common multiples	
	Tuesday	Primes to 100	
	Wednesday	Squares and cubes	
	Thursday	Order of operations	
	Friday	Mental calculations and estimation	
8 02/11/2020	Monday	Reason from known facts	**AS-2**
	Tuesday	Mini-assessment	
	Wednesday	Equivalent fractions	**F-1** (R)
	Thursday	Simplify fractions	**F-1**
	Friday	Improper fractions to mixed numbers	**F-1** (R)
9 09/11/2020	Monday	Mixed numbers to improper fractions	**F-1** (R)
	Tuesday	Fractions on a number line	**F-1**
	Wednesday	Compare and order (denominator)	**F-2/3**
	Thursday	Compare and order (numerator)	**F-2/3**
	Friday	Add and subtract fractions (1)	

Week	Day	Topic
10 16/11/2020	Monday	Add and subtract fractions activity
	Tuesday	Add and subtract fractions (2)
	Wednesday	Add mixed numbers (R)
	Thursday	Add fractions
	Friday	Subtract mixed numbers (R)
11 23/11/2020	Monday	Subtract fractions
	Tuesday	Mixed addition and subtraction
	Wednesday	Multiply fractions by integers
	Thursday	Multiply fractions by fractions
	Friday	Divide fractions by integers (1)
12 30/11/2020	Monday	Divide fractions by integers (2)
	Tuesday	Four rules with fractions
	Wednesday	Fraction of an amount
	Thursday	Fraction of an amount - find the whole
	Friday	Mini-assessment
13 07/12/2020	Monday	The first quadrant
	Tuesday	Four quadrants
	Wednesday	Translations
	Thursday	Reflections
	Friday	Mini-assessment
14 14/12/2020	Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 6 – Spring Term

Lesson by lesson overview 2020/21

Week	Day	Topic	
1 04/01/2021	Monday	Decimals up to 2 d.p.	**NPV-2** (R)
	Tuesday	Understand thousandths	**NPV-2** (R)
	Wednesday	Three decimal places	**NPV-2**
	Thursday	Multiply by 10, 100 and 1,000	
	Friday	Divide by 10, 100 and 1,000	
2 11/01/2021	Monday	Multiply decimals by integers	
	Tuesday	Divide decimals by integers	
	Wednesday	Division to solve problems	
	Thursday	Decimals as fractions	
	Friday	Fractions to decimals (1)	
3 18/01/2021	Monday	Fractions to decimals (2)	
	Tuesday	Mini-assessment	
	Wednesday	Understand percentages	(R)
	Thursday	Fractions to percentages	
	Friday	Equivalent FDP	
4 25/01/2021	Monday	Order FDP	
	Tuesday	Percentage of an amount (1)	
	Wednesday	Percentage of an amount (2)	
	Thursday	Percentages (missing values)	
	Friday	Mini-assessment	

Week	Day	Topic	
5 01/02/2021	Monday	Find a rule - one step	
	Tuesday	Find a rule - two step	
	Wednesday	Forming expressions	
	Thursday	Substitution	
	Friday	Formulae	
6 08/02/2021	Monday	Forming equations	
	Tuesday	Solve simple one-step equations	
	Wednesday	Solve two-step equations	
	Thursday	Find pairs of values (1)	**MD-4**
	Friday	Find pairs of values (2)	**MD-4**
7 22/02/2021	Monday	Metric measures	
	Tuesday	Convert metric measures	
	Wednesday	Calculate with metric measures	
	Thursday	Miles and kilometres	
	Friday	Imperial measures	
8 01/03/2021	Monday	Shapes - same area	**G-1**
	Tuesday	Area and perimeter	**G-1**
	Wednesday	Area of a triangle (1)	**G-1**
	Thursday	Area of a triangle (2)	**G-1**
	Friday	Area of a triangle (3)	**G-1**
9 08/03/2021	Monday	Area of a parallelogram	**G-1**
	Tuesday	What is volume?	**R**
	Wednesday	Volume - counting cubes	
	Thursday	Volume of a cuboid	
	Friday	Mini-assessment	

Week	Day	Topic	
10 15/03/2021	Monday	Using ratio language	**MD-3**
	Tuesday	Ratio and fractions	**MD-3**
	Wednesday	Introducing the ratio symbol	**MD-3**
	Thursday	Calculating ratio activity	**MD-3**
	Friday	Calculating ratio	**MD-3**
11 22/03/2021	Monday	Using scale factors	**MD-3**
	Tuesday	Calculating scale factors	**MD-3**
	Wednesday	Ratio and proportion problems	**MD-3**
	Thursday	Ratio and proportion problems (2)	**MD-3**
	Friday	Mini-assessment	
12 29/03/2021		Activity week. This week we will be providing some themed activities linking to the learning from this term.	

Year 6 – Summer Term

Lesson by lesson overview 2020/21

Week	Day	Topic	
1 12/04/2021	Monday	Read and interpret line graphs	
	Tuesday	Draw line graphs	
	Wednesday	Use line graphs to solve problems	
	Thursday	Circles	
	Friday	Read and interpret pie charts	
2 19/04/2021	Monday	Pie charts with percentages	
	Tuesday	Draw pie charts	
	Wednesday	The mean activity	
	Thursday	The mean	
	Friday	Mini assessment	
3 26/04/2021	Monday	Measure with a protractor	**G-1**
	Tuesday	Draw lines and angles accurately	**G-1** ®️
	Wednesday	Introduce angles	**G-1**
	Thursday	Angles on a straight line	**G-1** ®️
	Friday	Angles around a point	**G-1** ®️
4 03/05/2021	Monday	Calculate angles	**G-1**
	Tuesday	Vertically opposite angles	**G-1**
	Wednesday	Angles in a triangle	**G-1**
	Thursday	Angles in a triangle - special cases	**G-1**
	Friday	Angles in a triangle - missing angles	**G-1**

Week	Day	Topic	
5 10/05/2021	Monday	Angles in special quadrilaterals	**G-1**
	Tuesday	Angles in regular polygons	**G-1**
	Wednesday	Draw shapes accurately	**G-1**
	Thursday	Draw nets of 3-D shapes	**G-1**
	Friday	Mini-assessment	
6 17/05/2021		Themed projects supplied by White Rose Maths and consolidation	
7 24/05/2021			
8 07/06/2021			
9 14/06/2021			

Week	Day	Topic
10 21/06/2021		
11 28/06/2021		Themed projects supplied by White Rose Maths and consolidation
12 05/07/2021		
13 12/07/2021		