

## Mapping *NTS Assessments: Mathematics* to White Rose Maths

A key change we have made to this edition of *NTS Assessments: Mathematics* is to re-arrange some of the content so that the tests are better aligned with the White Rose Maths scheme, which the majority of primary schools in England and Wales follow.

Each test question has been mapped to the small steps in the White Rose Maths termly schemes of learning (SOL), as detailed in the tables below. The White Rose Maths references have been coded for **Year**, **Term**, **Block** and **Small step(s)**. For example:

Y2 Sp B2 M&D S15 =    Y2            Sp            B2            M&D            S15  
                                 Year 2       Spring term    Block 2       Multiplication and division    Step 15

## Strands and content domains

Test questions have been mapped to specific national curriculum content domains, which we've shortened to summary strand names, as shown in the table below.

National curriculum mathematics test framework content domains	<i>NTS Assessments: Mathematics</i> strand names	Strand code letter	Applicable Key Stages
Early Learning Goals	Early Learning Goals	ELG	Y1 only
Number and place value	Number	N	KS1 / KS2
Addition, subtraction, multiplication and division (calculations)	Calculations	C	KS1 / KS2
Fractions, decimals and percentages (Fractions only at KS1)	Fractions, decimals and percentages	F	KS1 / KS2
Ratio and proportion	Ratio and proportion	R	KS2
Algebra	Algebra	A	KS2
Measurement	Measurement	M	KS1 / KS2
Geometry – properties of shapes	Geometry – properties of shapes	G	KS1 / KS2
Geometry – position and direction	Geometry – position and direction	P	KS1 / KS2
Statistics	Statistics	S	KS1 / KS2

The codes listed in the content assessed columns of the tables below indicate year group, strand and sub-strand; for example, 5C3 equates to:

- Year – 5
- Strand – Calculations
- Sub-strand – 3

Some sub-strands are further split into a, b, etc., which also matches exactly with the sub-strand codes used in the national curriculum mathematics test frameworks.

In some instances, curriculum content is not explicitly listed in any of the White Rose Maths small steps or is not listed in steps where it would be logically covered. We have included notes to address this in the tables below so you can be confident that the *NTS Assessments: Mathematics* tests are suitable for your pupils if you are following the White Rose Maths scheme.

## White Rose Maths SOL maps

### Year 1 Spring

Paper 1			Paper 2		
Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed
<b>Number: N</b>					
Prior learning from below Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 1 in the White Rose Maths SOL					
1	Y1 Au B1 PV S7 <i>Although 1N2b isn't listed in the White Rose SOL for the above small step, it does cover identifying one more than a given number.</i>	1N2b	1	Y1 Au B1 PV S6	1N1a
2	Y1 Au B1 PV S9	1N2b	2	Y1 Au B1 PV S5	1N2c

	Although 1N2b isn't listed in the White Rose SOL for the above small step, it does cover identifying one less than a given number.			The White Rose SOL does not explicitly link the above small step to 1N2c, but it would logically fit within this step.	
			12	Y1 Sp B1 PV S7	1N2b
			13	Y1 Sp B1 PV S11	1N4
<b>Calculations: C</b>					
Prior learning from below Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 1 in the White Rose Maths SOL					
3	Y1 Sp B2 A&S S1	1C2a	3	Y1 Au B2 A&S S15	1C2a
4	Y1 Sp B2 A&S S8	1C2a	4	Y1 Au B2 A&S S15	1C2a
5	Y1 Sp B2 A&S S8	1C2a	6	Y1 Au B2 A&S S10 / S14	1C2a
6	Y1 Sp B2 A&S S8	1C2a	10	Y1 Sp B2 A&S S3	1C2b
7	Y1 Sp B2 A&S S10	1C4	11	Y1 Au B2 A&S S9 / S10 / S15	1C2a
8	Y1 Sp B2 A&S S10	1C4			
9	Y1 Sp B2 A&S S10	1C4			
10	Y1 Sp B2 A&S S10	1C4			
<b>Fractions: F</b>					
Prior learning from below Year 1 in the White Rose Maths SOL					

–	–	–	–	–	–
Learning from Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–
<b>Measurement: M</b>					
Prior learning from below Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 1 in the White Rose Maths SOL					
–	–	–	5	Y1 Sp B5 M&V S4	1M1
			7	Y1 Sp B4 L&H S3	1M2
<b>Geometry – properties of shapes: G</b>					
Prior learning from below Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 1 in the White Rose Maths SOL					
–	–	–	8	Y1 Au B3 Sh S3	1G1a
			9	Y1 Au B3 Sh S1	1G1b
<b>Geometry – position and direction: P</b>					
Prior learning from below Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–

Year 2 Spring

Learning from Year 1 in the White Rose Maths SOL					
–	–	–	–	–	–
Paper 1			Paper 2		
Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed
<b>Number: N</b>					
Prior learning from below Year 2 in the White Rose Maths SOL					
1	Y1 Sp B1 PV S7	1N2b	7a	Y1 Au B1 PV S6	1N1a
2	Y1 Sp B1 PV S7	1N2b	7b	Y1 Au B1 PV S8	1N1a
Learning from Year 2 in the White Rose Maths SOL					
–	–	–	4	Y2 Au B1 PV S3 <i>The White Rose SOL does not explicitly link the above small step to 2N3, but it would logically fit within this step.</i>	2N3
			13a	Y2 Au B1 PV S13	2N2b
			13b	Y2 Au B1 PV S13	2N2b
<b>Calculations: C</b>					
Prior learning from below Year 2 in the White Rose Maths SOL					
3	Y1 Sp B2 A&S S8	1C2a	–	–	–
10	Y1 Sp B2 A&S S7	1C4			

	<i>The White Rose SOL does not explicitly link the above small step to 1C4, but it would logically fit within this step.</i>				
Learning from Year 2 in the White Rose Maths SOL					
4	Y2 Au B2 A&S S9	2C2b	5	Y2 Sp B2 M&D S16	2C6
5	Y2 Au B2 A&S S7	2C2b	8	Y2 Sp B2 M&D S12	2C6
6	Y2 Au B2 A&S S15	2C2b	11a	Y2 Au B2 A&S S18	2C2b
7	Y2 Au B2 A&S S7	2C2b	11b	Y2 Au B2 A&S S19	2C2b
8	Y2 Au B2 A&S S12	2C2b	12	Y2 Sp B2 M&D S17	2C6
9	Y2 Au B2 A&S S17	2C2b	14	Y2 Sp B2 M&D S6	2C9b
11	Y2 Au B2 A&S S21	2C2b	15	Y2 Au B2 A&S S21	2C2b
12	Y2 Au B2 A&S S21	2C2b			
13	Y2 Sp B2 M&D S15	2C6			
14	Y2 Sp B2 M&D S13	2C6			
15	Y2 Sp B2 M&D S10	2C6			
16	Y2 Sp B2 M&D S16	2C6			
Fractions: F					
Prior learning from below Year 2 in the White Rose Maths SOL					
17	Y1 Su B2 F S4	1F1a	2	Y1 Su B2 F S1	1F1a

18	Y1 Su B2 F S4	1F1a	3	Y1 Su B2 F S8	1F1b
19	Y1 Su B2 F S8	1F1b			
20	Y1 Su B2 F S8	1F1b			
Learning from Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–
<b>Measurement: M</b>					
Prior learning from below Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 2 in the White Rose Maths SOL					
–	–	–	1	Y2 Sp B4 M,C&T S7 <i>The White Rose SOL does not explicitly link the above small step to 1M2, but it would logically fit within this step.</i>	1M2
			6a	Y2 Sp B4 M,C&T S3	2M2
			6b	Y2 Sp B4 M,C&T S3	2M2
			6c	Y2 Sp B4 M,C&T S4 <i>The White Rose SOL does not explicitly link the above small step to 2M1, but it would logically fit within this step.</i>	2M1
			10a	Y2 Sp B1 Mo S7	2M9
			10b	Y2 Sp B1 Mo S5	2M3a
<b>Geometry – properties of shapes: G</b>					

Prior learning from below Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 2 in the White Rose Maths SOL					
–	–	–	9	Y2 Au B3 Sh S10	2G2b
<b>Geometry – position and direction: P</b>					
Prior learning from below Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–
<b>Statistics: S</b>					
Prior learning from below Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–
Learning from Year 2 in the White Rose Maths SOL					
–	–	–	–	–	–

Year 3 Spring

Paper 1			Paper 2			Paper 3		
Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed
<b>Number: N</b>								



Prior learning from below Year 3 in the White Rose Maths SOL								
2	Y1 Sp B3 PV S8	1N2b	1	Y1 Au B1 PV S5 <i>The White Rose SOL does not explicitly link the above small step to 1N2c, but it would logically fit within this step.</i>	1N2c	2a	Y2 Au B1 PV S15	2N1
3	Y1 Sp B3 PV S8	1N2b	6	Y2 Au B1 PV S6 / S13	2N2b / 2N3	2b	Y2 Au B1 PV S15	2N1
6	Y1 Sp B3 PV S8	1N2b				7a	Y1 Sp B3 PV S6	1N4
						7b	Y1 Sp B3 PV S7	1N4
Learning from Year 3 in the White Rose Maths SOL								
8	Y3 Au B1 PV S9	3N2b	–	–	–	–	–	–
10	Y3 Au B1 PV S9	3N2b						
Calculations: C								
Prior learning from below Year 3 in the White Rose Maths SOL								
1	Y1 Au B2 A&S S9	1C2a	4	Y1 Sp B2 A&S S8 <i>The White Rose SOL does not explicitly link the above small step to 1C4, but it would logically fit within this step.</i>	1C4	5a	Y1 Sp B2 A&S S10	1C4
4	Y1 Sp B2 A&S S8	1C2a	8	Y2 Sp B2 M&D S4	2C7	5b	Y1 Sp B2 A&S S10	1C4
7	Y2 Sp B2 M&D S15	2C6				9	Y2 Sp B2 M&D S6	2C8

							<i>The White Rose SOL does not explicitly link the above small step to 2C8, but it would logically fit within this step.</i>	
9	Y2 Au B2 A&S S15	2C2b						
11	Y2 Sp B2 M&D S10	2C6						
12	Y2 Au B2 A&S S17	2C2b						
Learning from Year 3 in the White Rose Maths SOL								
15	Y3 Au B2 A&S S13	3C2	10	Y3 Sp B1 M&D-B S10	3C8	11	Y3 Au B3 M&D-A S8 / S15 Y2 Sp B2 M&D S13 / S15	3C6 / 2C6
16	Y3 Au B2 A&S S17	3C2	11	Y3 Sp B1 M&D-B S6 <i>The White Rose SOL does not explicitly link the above small step to 3C7, but it would logically fit within this step.</i>	3C7	16	Y3 Sp B1 M&D-B S10	3C8
17	Y3 Au B2 A&S S18	3C2	15	Y3 Sp B1 M&D-B S10	3C8			
19	Y3 Au B3 M&D-A S13	3C6	17	Y3 Sp B1 M&D-B S5 Y3 Au B2 A&S S17 <i>The White Rose SOL does not explicitly link the above small steps to 3C8, but it would logically fit within these steps.</i>	3C2 / 3C4 / 3C7 / 3C8			
20	Y3 Sp B1 M&D-B S4	3C7						
21	Y3 Au B2 A&S S16	3C2						

22	Y3 Sp B1 M&D-B S5	3C7						
24	Y3 Sp B1 M&D-B S8	3C7						
25	Y3 Sp B1 M&D-B S5	3C7						
26	Y3 Sp B1 M&D-B S9	3C7						
29	Y3 Au B2 A&S S18	3C2						
30	Y3 Au B2 A&S S17	3C2						
<b>Fractions, decimals and percentages: F</b>								
Prior learning from below Year 3 in the White Rose Maths SOL								
5	Y1 Su B2 F S4	1F1a	7	Y2 Su B1 F S6	2F1a	4	Y2 Su B1 F S3	2F1a
13	Y2 Su B1 F S8	2F1a				14	Y2 Su B1 F S12	2F2
14	Y1 Su B2 F S6	1F1b						
18	Y2 Su B1 F S14	2F1a						
23	Y2 Su B1 F S14	2F1a						
27	Y2 Su B1 F S9	2F1b						
28	Y2 Su B1 F S9	2F1b						
Learning from Year 3 in the White Rose Maths SOL								
–	–	–	2	Y3 Sp B3 F-A S5	3F3	3	Y3 Sp B3 F-A S5	3F3
			13	Y3 Sp B3 F-A S2 Y3 Sp B4 M&C S10	3F3 / (3M1c)	12	Y3 Sp B3 F-A S3	3F1c

			14	Y3 Sp B3 F-A S10	3F2	13	Y3 Sp B3 F-A S4	3F1c
<b>Measurement: M</b>								
Prior learning from below Year 3 in the White Rose Maths SOL								
–	–	–	5	Y2 Sp B1 Mo S4	2M3a	1	Y2 Sp B3 L&H S4	2M1
Learning from Year 3 in the White Rose Maths SOL								
–	–	–	9	Y3 Sp B2 L&P S3	3M2a	6	Y3 Sp B2 L&P S1	3M2a
			12a	Y3 Sp B2 L&P S11	3M7	10	Y3 Sp B2 L&P S9	3M9b
			12b	Y3 Sp B2 L&P S11	3M7	15	Y3 Sp B4 M&C S3 / S6	3M2b
			13	Y3 Sp B4 M&C S10 Y3 Sp B3 F-A S2	3M1c / (3F3)	17	Y3 Sp B4 M&C S10	3M1c / 3M2c
<b>Geometry – properties of shapes: G</b>								
Prior learning from below Year 3 in the White Rose Maths SOL								
–	–	–	3	Y1 Au B3 Sh S1 / S3	1G1a / 1G1b	8	Y2 Au B3 Sh S11 <i>The White Rose SOL does not explicitly link the above small step to 2G3, but it would logically fit within this step.</i>	2G3
Learning from Year 3 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
<b>Geometry – position and direction: P</b>								
Prior learning from below Year 3 in the White Rose Maths SOL								

–	–	–	16	Y1 Su B3 P&D S1	1P2	–	–	–
Learning from Year 3 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
<b>Statistics: S</b>								
Prior learning from below Year 3 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Learning from Year 3 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–

#### Year 4 Spring

Paper 1			Paper 2			Paper 3		
Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed
<b>Number: N</b>								
Prior learning from below Year 4 in the White Rose Maths SOL								
6	Y3 Au B2 A&S S3 <i>The White Rose SOL does not explicitly link the above small step to 3N2b, but it would logically fit within this step.</i>	3N2b	–	–	–	2	Y3 Au B1 PV S9 / S14	3N1b
						9	Y3 Au B1 PV S12	3N2a
Learning from Year 4 in the White Rose Maths SOL								

5	Y4 Au B1 PV S8	4N2b	16	Y4 Au B4 M&D-A S8	4N1	–	–	–
10	Y4 Au B1 PV S8	4N2b / (3C4)						
<b>Calculations: C</b>								
Prior learning from below Year 4 in the White Rose Maths SOL								
1	Y2 Sp B2 M&D S9	2C6	5	Y2 Au B2 A&S S5 / S7 / S21	2C4	–	–	–
2	Y2 Au B2 A&S S12	2C2a	8	Y3 Au B2 A&S S22	3C4			
3	Y2 Au B2 A&S S14	2C2a	10	Y3 Sp B1 M&D-B S10	3C8			
4	Y2 Sp B2 M&D S16	2C6						
7	Y3 Au B2 A&S S14	3C2						
16	Y3 Au B2 A&S S18	3C2						
17	Y3 Au B3 M&D-A S13	3C6						
19	Y3 Sp B1 M&D-B S5	3C7						
Learning from Year 4 in the White Rose Maths SOL								
8	Y4 Au B2 A&S S5	4C2	14	Y4 Au B4 M&D-A S7 Y4 Sp B1 M&D-B S1	4C6a / 4C6c	3	Y4 Au B4 M&D-A S5 / S8 / S10 Y3 Au B3 M&D-A S13	4C6a / 3C6
9	Y4 Au B4 M&D-A S9	4C6a	18	Y4 Sp B1 M&D-A S10 Y3 Au B2 A&S S13 <i>The White Rose SOL does not explicitly link the above small steps to 4C8,</i>	4C8	10	Y4 Au B2 A&S S4 / S6	4C4

				<i>but it would logically fit within these steps.</i>				
20	Y4 Au B2 A&S S4	4C2				12a	Y4 Sp B1 M&D-B S1	4C6c
21	Y4 Au B2 A&S S6	4C2				12b	Y4 Sp B1 M&D-B S1	4C6c
22	Y4 Au B4 M&D-A S2 / S3	4C6a						
23	Y4 Au B4 M&D-A S4	4C6a						
25	Y4 Au B4 M&D-A S13	4C6b						
26	Y4 Au B4 M&D-A S11 / S13	4C6b						
27	Y4 Au B2 A&S S3	4C2						
28	Y4 Au B2 A&S S6	4C2						
29	Y4 Au B2 A&S S4	4C2						
30	Y4 Au B2 A&S S7	4C2						
<b>Fractions, decimals and percentages: F</b>								
Prior learning from below Year 4 in the White Rose Maths SOL								
11	Y3 Su B1 F-B S2	3F4	6	Y2 Su B1 F S14	2F1a	1	Y2 Su B1 F S3 <i>The White Rose SOL does not explicitly link the above small step to 2F2, but it would logically fit within this step.</i>	2F2
12	Y3 Su B1 F-B S1	3F4	11	Y3 Sp B3 F-A S10	3F2			

13	Y3 Su B1 F-B S6	3F1b						
14	Y2 Su B1 F S6	2F1a						
15	Y2 Su B1 F S8	2F1a						
18	Y3 Su B1 F-B S2	3F4						
24	Y3 Su B1 F-B S6	3F1b						
Learning from Year 4 in the White Rose Maths SOL								
–	–	–	3a	Y4 Sp B4 Dec-A S8	4F8	4	Y4 Sp B3 F S10	4F2
			3b	Y4 Sp B4 Dec-A S8	4F6b	11a	Y4 Sp B3 F S11 / S13	4F4
			4a	Y4 Sp B3 F S11	4F4	11b	Y4 Sp B3 F S11	4F4
			4b	Y4 Sp B3 F S13	4F4	13	Y4 Sp B4 Dec-A S6 / S2 <i>The White Rose SOL does not explicitly link the second of the above small steps (S2) to 4F9, but it would logically fit within this step.</i>	4F9
			12	Y4 Sp B3 F S11 / S14	4F4	14	Y4 Sp B4 Dec-A S10 / S2 <i>The White Rose SOL does not explicitly link the second of the above small steps (S2) to 4F9, but it would logically fit within this step.</i>	4F9
Measurement: M								



Prior learning from below Year 4 in the White Rose Maths SOL								
–	–	–	1	Y2 Sp B1 Mo S1	2M3a	8	Y3 Su B2 Mo S5	3M9a
			9	Y3 Su B3 Ti S2	3M4a			
			17	Y3 Sp B2 L&P S4 / S7	3M1a			
Learning from Year 4 in the White Rose Maths SOL								
–	–	–	13a	Y4 Sp B2 L&P S3 / S5	4M7a	15a	Y4 Au B3 Ar S3	4M7b
			13b	Y4 Au B3 Ar S2	4M7b	15b	Y4 Sp B2 L&P S7	4M7a
			15	Y4 Sp B2 L&P S2	4M5			
Geometry – properties of shapes: G								
Prior learning from below Year 4 in the White Rose Maths SOL								
–	–	–	2	Y3 Su B4 Sh S8	3G3a	6	Y1 Au B3 Sh S1	1G1b
			7	Y2 Au B3 Sh S8	2G3	7a	Y3 Su B4 Sh S6	3G2
						7b	Y3 Su B4 Sh S6	3G2
Learning from Year 4 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Geometry – position and direction: P								
Prior learning from below Year 4 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–

Learning from Year 4 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Statistics: S								
Prior learning from below Year 4 in the White Rose Maths SOL								
–	–	–	–	–	–	5a	Y2 Su B3 St S1	2S2a
						5b	Y2 Su B3 St S1 <i>The White Rose SOL does not explicitly link the above small step to 2S2b, but it would logically fit within this step.</i>	2S2b
Learning from Year 4 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–

## Year 5 Spring

Paper 1			Paper 2			Paper 3		
Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed
Number: N								
Prior learning from below Year 5 in the White Rose Maths SOL								
1	Y3 Au B1 PV S9	3N2b	5	Y4 Au B1 PV S15	4N4b	1	Y4 Au B4 M&D-A S3 / S8 <i>The White Rose SOL does not explicitly link the first of the above small steps (S3) to 4N1, but it would</i>	4N1

							<i>logically fit within this step.</i>	
			13	Y3 Au B1 PV S8	3N3			
Learning from Year 5 in the White Rose Maths SOL								
–	–	–	–	–	–	9	Y5 Au B1 PV S1 Y4 Au B1 PV S13	5N3b / 4N3b
<b>Calculations: C</b>								
Prior learning from below Year 5 in the White Rose Maths SOL								
2	Y3 Au B2 A&S S12	3C2	4a	Y4 Sp B1 M&D-B S14	4C8	3	Y4 Au B2 A&S S4 / S7	4C4 / 4C2
3	Y3 Au B3 M&D-A S14	3C6	4b	Y4 Sp B1 M&D-B S14	4C8	5	Y3 Sp B1 M&D-B S6 <i>The White Rose SOL does not explicitly link the above small step to 3C3, but it would logically fit within this step.</i>	3C8 / 3C3
4	Y3 Au B2 A&S S14	3C2	4c	Y4 Au B4 M&D-A S10	4C6a			
6	Y3 Au B3 M&D-A S13	3C6						
8	Y4 Au B2 A&S S3	4C2						
9	Y4 Au B2 A&S S6	4C2						
10	Y4 Sp B1 M&D-B S10	4C7						
11	Y4 Au B4 M&D-A S8	4C6a						
12	Y4 Au B4 M&D-A S13	4C6b						

Learning from Year 5 in the White Rose Maths SOL								
5	Y5 Au B2 A&S S3	5C2	7	Y5 Au B2 A&S S6 Y5 Sp B1 M&D-B S11 <i>The White Rose SOL does not explicitly link the above small steps to 5C8b, but it would logically fit within these steps.</i>	5C8b	11	Y5 Sp B1 M&D-B S8	5C7b
15	Y5 Au B2 A&S S3	5C2	8a	Y5 Au B3 M&D-A S9	5C6b	15	Y5 Au B3 M&D-A S1 / S3	5C8a
16	Y5 Au B3 M&D-A S6	5C5d	8b	Y5 Au B3 M&D-A S8	5C6b			
20	Y5 Sp B1 M&D-B S8	5C7b						
21	Y5 Sp B1 M&D-B S8	5C7b						
22	Y5 Au B2 A&S S3	5C2						
26	Y5 Sp B1 M&D-B S3	5C7a						
27	Y5 Sp B1 M&D-B S4	5C7a						
Fractions, decimals and percentages: F								
Prior learning from below Year 5 in the White Rose Maths SOL								
7	Y3 Su B1 F-B S1	3F4	1	Y3 Sp B3 F-A S2	3F3	4	Y4 Sp B3 F S5 (DfE Ready to Progress Guidance) <i>This White Rose small step covers DfE Ready to Progress guidance and</i>	5F2a

							<i>does not link to a particular content domain; however, it is a suitable mapping for this question.</i>	
13	Y4 Sp B3 F S11	4F4	6	Y4 Sp B3 F S10	4F2	6	Y3 Sp B3 F-A S4 <i>The White Rose SOL does not explicitly link the above small step to 3F2, but it would logically fit within this step.</i>	3F2
14	Y4 Sp B3 F S14	4F4				12	Y4 Sp B4 Dec-A S8	4F6b
28	Y4 Sp B4 Dec-A S10	4F9						
Learning from Year 5 in the White Rose Maths SOL								
17	Y5 Sp B3 D&P S12	5F11	10	Y5 Sp B3 D&P S13	5F12	10	Y5 Sp B3 D&P S10 <i>The White Rose SOL does not explicitly link the above small step to 4F7, but it would logically fit within this step.</i>	5F7 / 4F7
18	Y5 Sp B2 F-B S5 <i>The White Rose SOL does not explicitly link the above small step to 4F10a, but it would logically fit within this step.</i>	4F10a	14a	Y5 Sp B3 D&P S5 / S6	5F6b	13	Y5 Au B4 F-A S4	5F2a
19	Y5 Sp B2 F-B S3	5F5	14b	Y5 Sp B3 D&P S5 / S6	5F6b	14	Y5 Sp B2 F-B S3	5F5

23	Y5 Au B4 F-A S14	5F4	15	Y5 Sp B2 F-B S6	5F5	17	Y5 Au B4 F-A S10	5F4
24	Y5 Au B4 F-A S11	5F4						
25	Y5 Sp B2 F-B S3	5F5						
<b>Measurement: M</b>								
Prior learning from below Year 5 in the White Rose Maths SOL								
–	–	–	9	Y4 Su B2 Mo S2 / 3	4M1	7	Y3 Su B2 Mo S3 / 5	3M9a
Learning from Year 5 in the White Rose Maths SOL								
–	–	–	12	Y5 Sp B4 P&A S4	5M7b	18a	Y5 Sp B4 P&A S2	5M7a
			16	Y5 Sp B4 P&A S6	5M7b	18b	Y5 Sp B4 P&A S5	5M7b
<b>Geometry – properties of shapes: G</b>								
Prior learning from below Year 5 in the White Rose Maths SOL								
–	–	–	3	Y3 Su B4 Sh S6	3G2	2a	Y3 Su B4 Sh S9	3G3b
						2b	Y3 Su B4 Sh S9	3G3b
Learning from Year 5 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
<b>Geometry – position and direction: P</b>								
Prior learning from below Year 5 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–

Learning from Year 5 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Statistics: S								
Prior learning from below Year 5 in the White Rose Maths SOL								
–	–	–	2	Y3 Su B5 St S4	3S1	8	Y4 Su B5 St S2	4S2
Learning from Year 5 in the White Rose Maths SOL								
–	–	–	11	Y5 Sp B5 St S4	5S1	16	Y5 Sp B5 St S2	5S2
			17	Y5 Sp B5 St S5	5S1 / (5M4)			

## Year 6 Spring

Paper 1			Paper 2			Paper 3		
Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed	Q	White Rose Maths reference	Content assessed
Number: N								
Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	1	Y4 Au B1 PV S12	4N2a	1	Y5 Au B1 PV S7	5N1
			2	Y5 Su B4 NN S1	5N5	2	Y4 Au B1 PV S16	4N4b
			4	Y3 Au B1 PV S8	3N3			
Learning from Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–

Calculations: C								
Prior learning from below Year 6 in the White Rose Maths SOL								
1	Y3 Au B2 A&S S17	3C2	6	Y3 Sp B1 M&D-B S4	3C7	3	Y4 Au B2 A&S S1	4C4
3	Y4 Au B2 A&S S7	4C2	8	Y5 Su B3 Dec S12	5C6b	7	Y5 Au B3 M&D-A S3 / S5	5C5a / 5C5b
4	Y4 Au B2 A&S S3	4C2						
5	Y4 Au B4 M&D-A S5 / S10	4C6a						
6	Y4 Au B4 M&D-A S4	4C6a						
7	Y4 Sp B1 M&D-B S10	4C7						
8	Y4 Sp B1 M&D-B S10	4C7						
12	Y4 Sp B1 M&D-B S10	4C7						
13	Y5 Sp B1 M&D-B S9	5C7b						
Learning from Year 6 in the White Rose Maths SOL								
17	Y6 Au B2 ASM&D S15	6C9	–	–	–	10	Y6 Au B2 ASM&D S15	6C9
18	Y6 Au B2 ASM&D S7	6C7a				15	Y6 Au B2 ASM&D S9 Y4 Sp B1 M&D-B S9 / S10 <i>The White Rose SOL does not explicitly link the above Year 4 small steps to 4C8, but it would logically fit within these steps.</i>	6C8 / 4C8
19	Y6 Au B2 ASM&D S7	6C7a						



21	Y6 Au B2 ASM&D S12	6C7b						
22	Y6 Au B2 ASM&D S12	6C7b						
<b>Fractions, decimals and percentages: F</b>								
Prior learning from below Year 6 in the White Rose Maths SOL								
2	Y3 Su B1 F-B S4	3F1b	5	Y3 Su B1 F-B S5	3F1c	4	Y3 Su B1 F-B S1 / S3 <i>The White Rose SOL does not explicitly link the above small steps to 3F10, but it would logically fit within these steps.</i>	3F10
9	Y3 Su B1 F-B S2	3F4	9	Y5 Sp B3 D&P S10 / S11	5F7	5	Y5 Au B4 F-A S5	5F2a
10	Y4 Sp B3 F S11	4F4						
11	Y5 Su B3 Dec S4	5F10						
14	Y5 Au B4 F-A S15	5F4						
Learning from Year 6 in the White Rose Maths SOL								
15	Y6 Sp B3 Dec S7	6F9b	15	Y6 Au B4 F-B S2 / S3	6F5a / 6F5b	13	Y6 Sp B3 Dec S9	6F9c
16	Y6 Sp B3 Dec S8	6F9c				16	Y6 Au B3 F-A S3 / S4	6F3
20	Y6 Au B3 F-A S7	6F4						
23	Y6 Au B4 F-B S3	6F5b						
24	Y6 Au B4 F-B S4	6F5b						

Ratio and proportion: R								
Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Learning from Year 6 in the White Rose Maths SOL								
25	Y6 Sp B4 FDP S7	6R2	16a	Y6 Sp B1 R S8	6R1	14b	Y6 Sp B4 FD&P S7	6R2
26	Y6 Sp B4 FDP S9	6R2	16b	Y6 Sp B1 R S8	6R1			
Algebra: A								
Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Learning from Year 6 in the White Rose Maths SOL								
–	–	–	12	Y6 Sp B2 AI S5	6A2	9a	Y6 Sp B2 AI S5 <i>The White Rose SOL does not explicitly link the above small step to 6A3, but it would logically fit within this step.</i>	6A3
			14	Y6 Sp B2 AI S9 / S10	6A4	9b	Y6 Sp B2 AI S5 <i>The White Rose SOL does not explicitly link the above small step to 6A3, but it would logically fit within this step.</i>	6A3
						11	Y6 Sp B2 AI S3	6A1

Measurement: M								
Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	3	Y4 Su B3 Ti S3	4M4a	6a	Y4 Sp B2 L&P S4	4M7a
						6b	Y5 Sp B4 P&A S4	5M7b
Learning from Year 6 in the White Rose Maths SOL								
–	–	–	10a	Y6 Sp B5 AP&V S7	6M8a	12a	Y6 Sp B5 AP&V S5	6M7b
			10b	Y6 Sp B5 AP&V S8	6M8a	12b	Y6 Sp B5 AP&V S5	6M7b
			11	Y6 Sp B3 Dec S4 Y6 Sp B3 Dec S8 <i>The White Rose SOL does not explicitly link the above small steps to 6M9, but it would logically fit within these steps.</i>	6M9 / (6F9c)			
			13	Y6 Au B5 CU S2 / S3	6M9			
Geometry – properties of shapes: G								
Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	8	Y5 Su B1 Sh S6	5G4b
Learning from Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Geometry – position and direction: P								

Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
Learning from Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	–	–	–
<b>Statistics: S</b>								
Prior learning from below Year 6 in the White Rose Maths SOL								
–	–	–	7a	Y4 Su B5 St S2	4S2	–	–	–
			7b	Y4 Su B5 St S2	4S2			
Learning from Year 6 in the White Rose Maths SOL								
–	–	–	–	–	–	14a	Y6 Sp B6 St S4	6S1