

Key Stage 3 & HIGHER GCSE 5 Year Course

Approx 3 years Key Stage 3 (Higher) plus 2 years of the extra topics needed for GCSE (Higher)

Grades 4 - 9

(**GREEN** topics are approx. grades 1-3 & **BLUE** topics are approx. grades 4/5
& **PURPLE** topics are approx. grades 6 - 9)

1-2 lesson per week (term-time only)

(dates of holidays may vary depending on county)



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Instructions

1. On the 5-year timetable (slides 7 – 12), click on the link for the relevant **week**

YEAR 1

Autumn Term 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
	N 1.5	N 11.1	N 3.1	N 1.1	N 3.3	N 3.2	N 1.3	
	N 11.3			N 1.2		N 3.6	N 1.4	
Autumn Term 2	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	
	N 3.4	N 3.5	N 2.1	N 1.6	N 1.7	N 5.1		
			N 2.2		N 1.8	N 5.2		
Spring Term 1	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21		
	N 4.1	N 4.2	N 4.5	N 4.4	N 4.7			
	N 4.3		N 4.6					
Spring Term 2	Week 22	Week 23	Week 24	Week 25	Week 26			
	N 6.2	N 6.3	N 6.1	N 7.1				
				N 7.2				
Summer Term 1	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		
	N 7.3	N 7.5	N 7.6	N 8.1	A 3.7			
				N 8.2				
Summer Term 2	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	
	N 9.1	A 3.8	A 3.2	A 3.3	A 4.1	A 3.4		
		A 3.1		A 3.5		A 3.6		

The YELLOW weeks are free.
It is recommended that you use this time to go back over previous topics to check that you are confident.

Instructions

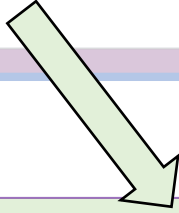
2. Click on the link for the **slideshow lesson**

Year 1

WEEK 1

N 1.5 Order of Operations	
Slideshow lesson	Accompanying worksheet

N 11.3 Money	
Slideshow lesson	Accompanying worksheet



Slide 1

Contents

Slides 2 & 3

Core skills **starter task** and their solutions

Slide 4

Notes page (these questions are completed in the video) with a link to the **detailed pre-recorded video**

Slide 5

Annotated notes page (as completed in the video)

Slides 6 & 7

'I'm giving it a try'

The first, and most straightforward, of the 3 **tasks**, and their solutions

Slides 8 & 9

'I'm building my confidence'

The second, and slightly more difficult, of the 3 **tasks**, and their solutions

Slides 10 & 11

'I'm ready for anything'

The third, and most challenging, of the 3 **tasks**, and their solutions

Slides 12 & 13

Extension task and their solutions

This task could be a problem-solving task, a puzzle, or an open-ended task, an exam-style question, a real-life context (bigger picture) question, or a task that interleaves the topic being learnt with other areas of Mathematics.

Slides 14 & 15

Homework task and their solutions

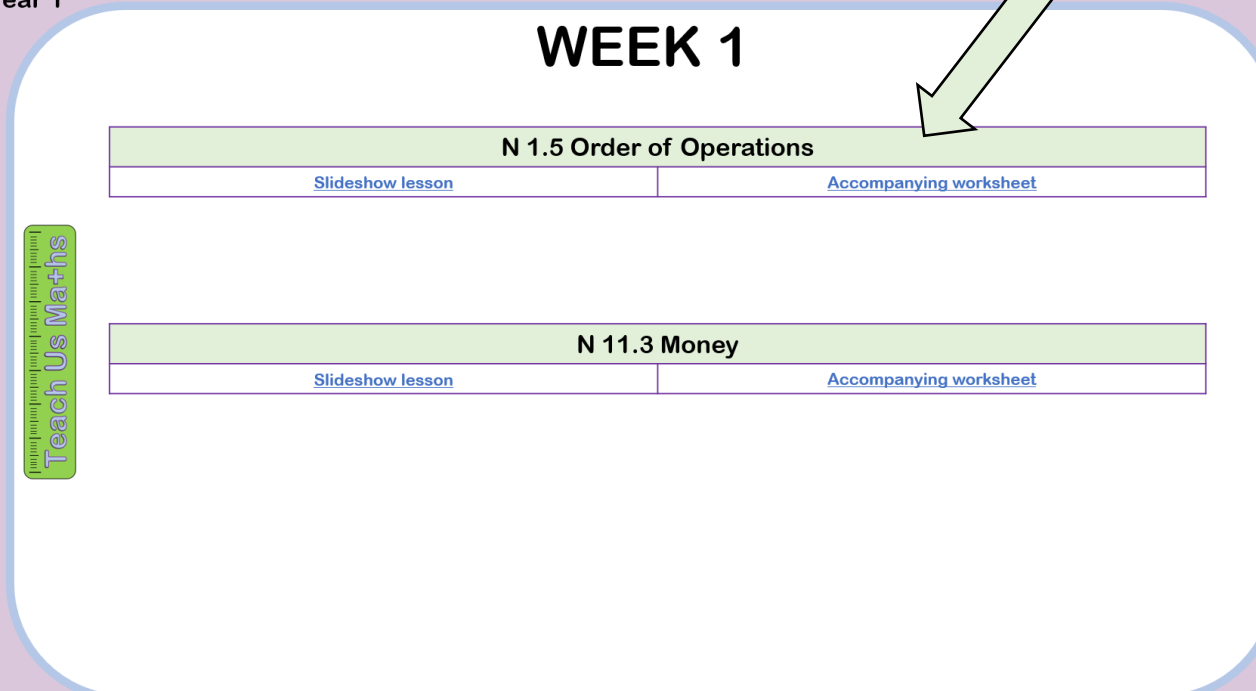
This task includes some core skills questions, as well as questions relating to the lesson.

Instructions

3. Click on the link for the [accompanying worksheet](#)

Year 1

WEEK 1



N 1.5 Order of Operations	
Slideshow lesson	Accompanying worksheet

N 11.3 Money	
Slideshow lesson	Accompanying worksheet

A printer-friendly version of the notes page, 3 tasks, extension task, homework task and solutions.

Page 1

[Notes page](#) (these questions are completed in the video) with a QR code link to the [detailed pre-recorded video](#)

Page 2

[‘I’m giving it a try’](#)

The first, and most straightforward, of the 3 [tasks](#)

Page 3

[‘I’m building my confidence’](#)

The second, and slightly more difficult, of the 3 [tasks](#)

Page 4

[‘I’m ready for anything’](#)

The third, and most challenging, of the 3 [tasks](#)

Page 5

[Extension task](#)

This task could be a problem-solving task, a puzzle, or an open-ended task, an exam-style question, a real-life context (bigger picture) question, or a task that interleaves the topic being learnt with other areas of Mathematics.

Pages 6 & 7

[Homework task](#)

This task includes some core skills questions, as well as questions relating to the lesson.

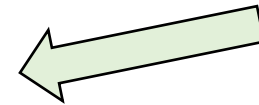
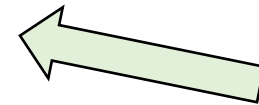
Page 8+

[Solutions](#)

Instructions

4. Repeat for **each topic** that needs to be covered that week.

Year 1	
WEEK 1	
N 1.5 Order of Operations	
Slideshow lesson	Accompanying worksheet
N 11.3 Money	
Slideshow lesson	Accompanying worksheet



Instructions

5. The **YELLOW** weeks are free

YEAR 1	<u>Autumn Term 1</u>	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
		N 1.5	N 11.1	N 3.1	N 1.1	N 3.3	N 3.2	N 1.3	
		N 11.3			N 1.2		N 3.6	N 1.4	
	<u>Autumn Term 2</u>	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	
		N 3.4	N 3.5	N 2.1	N 1.6	N 1.7	N 5.1		
				N 2.2		N 1.8	N 5.2		
	<u>Spring Term 1</u>	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21		
		N 4.1	N 4.2	N 4.5	N 4.4	N 4.7			
		N 4.3		N 4.6					
	<u>Spring Term 2</u>	Week 22	Week 23	Week 24	Week 25	Week 26			
		N 6.2	N 6.3	N 6.1	N 7.1				
					N 7.2				
	<u>Summer Term 1</u>	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		
		N 7.3	N 7.5	N 7.6	N 8.1	A 3.7			
					N 8.2				
	<u>Summer Term 2</u>	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	
		N 9.1	A 3.8	A 3.2	A 3.3	A 4.1	A 3.4		
			A 3.1		A 3.5		A 3.6		
	The YELLOW weeks are free. It is recommended that you use this time to go back over previous topics to check that you are confident.								

Use this time to go back over previous topics to check that you are confident.

Instructions

6. In years 4 & 5 the **GREY** weeks are for you to revisit relevant Key Stage 3 topics that will help you with the upcoming GCSE topics

YEAR 4

Autumn Term 1	Week 1 Revises relevant KS3 topics	Week 2 N 5.3	Week 3 N 7.7	Week 4 N 7.4	Week 5 N 9.2	Week 6 N 8.3	Week 7 A 5.1	Week 8 N 10.1
Autumn Term 2	Week 9 N 10.2	Week 10 A 3.13	Week 11 A 4.2	Week 12 A 4.8	Week 13 A 4.3	Week 14 A 4.9	Week 15	
Spring Term 1	Week 16 Revises relevant KS3 topics	Week 17 A 4.10	Week 18 A 4.4	Week 19 A 4.11	Week 20 A 4.12	Week 21 A 4.13		
Spring Term 2	Week 22 A 11.1	Week 23 A 11.2	Week 24 A 11.3	Week 25 A 10.2	Week 26			
Summer Term 1	Week 27 Revises relevant KS3 topics	Week 28 A 7.2	Week 29 A 7.4	Week 30 A 7.3	Week 31 A 8.1	Week 32 A 8.2		
Summer Term 2	Week 33 A 9.2	Week 34 A 13.1	Week 35 A 12.1	Week 36 A 2.6	Week 37 A 1.3	Week 38 A 5.2	Week 39	

Top Tip!
Have a go at lots of past exam papers throughout Years 4 & 5

The YELLOW weeks are free.
It is recommended that you use this time to go back over previous topics to check that you are confident.

Year 4

WEEK 1

Recommended Key Stage 3 Revision

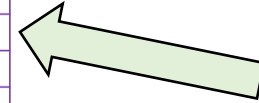
N 1.1 Adding Integers	N 9.1 Standard Form
N 1.2 Subtracting Integers	A 3.1 Algebraic Notation
N 1.4 Dividing Integers	A 3.2 Collecting Like Terms
N 1.7 Factors & Highest Common Factor (HCF)	A 3.3 Multiplying Terms
N 3.3 Adding & Subtracting Decimals	A 3.4 Dividing Terms
N 3.4 Multiplying Decimals	A 3.5 Expanding Single Brackets
N 3.5 Dividing Decimals	A 3.6 Factorising into Single Brackets
N 4.1 Equivalent Fractions	A 3.10 Solving Linear Equations
N 4.2 Mixed Numbers & Improper Fractions	A 3.11 Solving Linear Equations (with the unknown on both sides)
N 4.5 Multiplying Fractions	A 3.12 Changing the Subject
N 7.1 Rounding - Nearest 10, 100, 1000	A 4.1 Expanding Double Brackets
N 7.2 Rounding - Nearest Whole Number & Decimal Places	
N 7.3 Rounding - Significant Figures	
N 7.6 Error Intervals	
N 8.1 Indices - Squares, Cubes & Powers	
N 8.2 Laws of Indices	

Click on the link for the relevant week then use the links to revisit the topics.

Instructions

7. At the very end of the document (slide 206 onwards) you will find a lesson **record**.

YEAR 1 - Autumn Term 1		
Week 1	N 1.5 Order of Operations	☆☆☆
	N 11.3 Money	☆☆☆
Week 2	N 11.1 Using a Calculator	☆☆☆
Week 3	N 3.1 Place Value & Ordering Decimals	☆☆☆
Week 4	N 1.1 Adding Integers	☆☆☆
	N 1.2 Subtracting Integers	☆☆☆
Week 5	N 3.3 Adding & Subtracting Decimals	☆☆☆
Week 6	N 3.2 Multiplying & Dividing by 10, 100, 1000	☆☆☆
	N 3.6 Related Calculations	☆☆☆
Week 7	N 1.3 Multiplying Integers	☆☆☆
	N 1.4 Dividing Integers	☆☆☆
Week 8		



Print it out and keep a record of how confident you feel with each topic by shading the stars and using the space to make notes.

5 Year Timetable

YEAR 1

<u>Autumn</u> <u>Term 1</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
	N 1.5	N 11.1	N 3.1	N 1.1	N 3.3	N 3.2	N 1.3	
	N 11.3			N 1.2		N 3.6	N 1.4	
<u>Autumn</u> <u>Term 2</u>	<u>Week 9</u>	<u>Week 10</u>	<u>Week 11</u>	<u>Week 12</u>	<u>Week 13</u>	<u>Week 14</u>	<u>Week 15</u>	
	N 3.4	N 3.5	N 2.1	N 1.6	N 1.7	N 5.1		
			N 2.2		N 1.8	N 5.2		
<u>Spring</u> <u>Term 1</u>	<u>Week 16</u>	<u>Week 17</u>	<u>Week 18</u>	<u>Week 19</u>	<u>Week 20</u>	<u>Week 21</u>		
	N 4.1	N 4.2	N 4.5	N 4.4	N 4.7			
	N 4.3		N 4.6					
<u>Spring</u> <u>Term 2</u>	<u>Week 22</u>	<u>Week 23</u>	<u>Week 24</u>	<u>Week 25</u>	<u>Week 26</u>			
	N 6.2	N 6.3	N 6.1	N 7.1				
				N 7.2				
<u>Summer</u> <u>Term 1</u>	<u>Week 27</u>	<u>Week 28</u>	<u>Week 29</u>	<u>Week 30</u>	<u>Week 31</u>	<u>Week 32</u>		
	N 7.3	N 7.5	N 7.6	N 8.1	A 3.7			
				N 8.2				
<u>Summer</u> <u>Term 2</u>	<u>Week 33</u>	<u>Week 34</u>	<u>Week 35</u>	<u>Week 36</u>	<u>Week 37</u>	<u>Week 38</u>	<u>Week 39</u>	
	N 9.1	A 3.8	A 3.2	A 3.3	A 4.1	A 3.4		
		A 3.1		A 3.5		A 3.6		

The YELLOW weeks are free.

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YEAR 2

<u>Autumn Term 1</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
	A 3.9	A 3.10	A 3.11	A 3.12	A 10.3	A 10.1	A 7.1	
<u>Autumn Term 2</u>	<u>Week 9</u>	<u>Week 10</u>	<u>Week 11</u>	<u>Week 12</u>	<u>Week 13</u>	<u>Week 14</u>	<u>Week 15</u>	
	A 1.1	A 2.1	A 2.3	A 2.5	A 2.7	A 6.1		
	A 1.2	A 2.2	A 2.4			A 6.2		
<u>Spring Term 1</u>	<u>Week 16</u>	<u>Week 17</u>	<u>Week 18</u>	<u>Week 19</u>	<u>Week 20</u>	<u>Week 21</u>		
	R 4.3	N 11.4	R 4.1	A 9.1	A 4.5			
			R 4.2		A 4.6			
<u>Spring Term 2</u>	<u>Week 22</u>	<u>Week 23</u>	<u>Week 24</u>	<u>Week 25</u>	<u>Week 26</u>			
	R 1.1	R 1.4	R 1.3	R 2.1				
	R 1.2			R 2.2				
<u>Summer Term 1</u>	<u>Week 27</u>	<u>Week 28</u>	<u>Week 29</u>	<u>Week 30</u>	<u>Week 31</u>	<u>Week 32</u>		
	N 6.4	N 6.5	N 6.6	G 5.1	G 5.3			
				G 5.2				
<u>Summer Term 2</u>	<u>Week 33</u>	<u>Week 34</u>	<u>Week 35</u>	<u>Week 36</u>	<u>Week 37</u>	<u>Week 38</u>	<u>Week 39</u>	
	N 11.2	R 3.2	G 1.2	G 2.1	G 2.3	G 2.5		
	R 3.1		G 1.1	G 2.2	G 2.4			

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YEAR 3

<u>Autumn</u> <u>Term 1</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
	G 3.1	G 3.3	G 1.3	G 4.1	G 4.3	G 6.1	G 6.2	
			G 1.4					
<u>Autumn</u> <u>Term 2</u>	<u>Week 9</u>	<u>Week 10</u>	<u>Week 11</u>	<u>Week 12</u>	<u>Week 13</u>	<u>Week 14</u>	<u>Week 15</u>	
	G 6.4	G 6.3	G 6.5	G 6.6	G 9.3	G 9.2		
					G 9.1			
<u>Spring</u> <u>Term 1</u>	<u>Week 16</u>	<u>Week 17</u>	<u>Week 18</u>	<u>Week 19</u>	<u>Week 20</u>	<u>Week 21</u>		
	G 9.4	G 8.1	G 8.2	G 7.3	G 7.2			
				G 7.1				
<u>Spring</u> <u>Term 2</u>	<u>Week 22</u>	<u>Week 23</u>	<u>Week 24</u>	<u>Week 25</u>	<u>Week 26</u>			
	G 10.1	G 10.2	G 10.3	P 1.1				
<u>Summer</u> <u>Term 1</u>	<u>Week 27</u>	<u>Week 28</u>	<u>Week 29</u>	<u>Week 30</u>	<u>Week 31</u>	<u>Week 32</u>		
	P 2.1	P 1.2	P 2.3	S 1.3	S 1.4			
					S 1.5			
<u>Summer</u> <u>Term 2</u>	<u>Week 33</u>	<u>Week 34</u>	<u>Week 35</u>	<u>Week 36</u>	<u>Week 37</u>	<u>Week 38</u>	<u>Week 39</u>	
	S 3.1	S 3.3	S 3.5	S 2.1	S 2.2	S 3.6		
	S 3.2		S 3.4					

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YEAR 4

<u>Autumn Term 1</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
	Revise relevant KS3 topics	N 5.3	N 7.7	N 7.4	N 9.2	N 8.3	A 5.1	N 10.1
<u>Autumn Term 2</u>	<u>Week 9</u>	<u>Week 10</u>	<u>Week 11</u>	<u>Week 12</u>	<u>Week 13</u>	<u>Week 14</u>	<u>Week 15</u>	
	N 10.2	A 3.13	A 4.2	A 4.8	A 4.3	A 4.9		
<u>Spring Term 1</u>	<u>Week 16</u>	<u>Week 17</u>	<u>Week 18</u>	<u>Week 19</u>	<u>Week 20</u>	<u>Week 21</u>		
	Revise relevant KS3 topics	A 4.10	A 4.4	A 4.11	A 4.12	A 4.13		
<u>Spring Term 2</u>	<u>Week 22</u>	<u>Week 23</u>	<u>Week 24</u>	<u>Week 25</u>	<u>Week 26</u>			
	A 11.1	A 11.2	A 11.3	A 10.2				
<u>Summer Term 1</u>	<u>Week 27</u>	<u>Week 28</u>	<u>Week 29</u>	<u>Week 30</u>	<u>Week 31</u>	<u>Week 32</u>		
	Revise relevant KS3 topics	A 7.2	A 7.4	A 7.3	A 8.1	A 8.2		
<u>Summer Term 2</u>	<u>Week 33</u>	<u>Week 34</u>	<u>Week 35</u>	<u>Week 36</u>	<u>Week 37</u>	<u>Week 38</u>	<u>Week 39</u>	
	A 9.2	A 13.1	A 12.1	A 2.6	A 1.3	A 5.2		

Top Tip!
Have a go at
lots of past
exam
papers
throughout
Years 4 & 5

Top Tip!
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YEAR 5

<u>Autumn Term 1</u>	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
	Revise relevant KS3 topics	A 6.3	A 6.4	A 4.7	A 6.5	R 4.4	R 4.5	R 2.3
<u>Autumn Term 2</u>	<u>Week 9</u>	<u>Week 10</u>	<u>Week 11</u>	<u>Week 12</u>	<u>Week 13</u>	<u>Week 14</u>	<u>Week 15</u>	
	R 2.4	N 6.7	R 3.3	G 12.1	G 9.5	G 3.2		
				G 12.2		G 3.4		
<u>Spring Term 1</u>	<u>Week 16</u>	<u>Week 17</u>	<u>Week 18</u>	<u>Week 19</u>	<u>Week 20</u>	<u>Week 21</u>	Top Tip! Have a go at lots of past exam papers throughout Years 4 & 5	
	Revise relevant KS3 topics	G 4.2	G 4.4	G 10.4	G 10.5	G 10.6		
<u>Spring Term 2</u>	<u>Week 22</u>	<u>Week 23</u>	<u>Week 24</u>	<u>Week 25</u>	<u>Week 26</u>			
	G 10.7	G 11.1	P 2.4	P 2.2				
<u>Summer Term 1</u>	<u>Week 27</u>	<u>Week 28</u>	<u>Week 29</u>	<u>Week 30</u>	<u>Week 31</u>	<u>Week 32</u>	GCSEs	
	S 1.1	S 3.8	S 3.9					
	S 1.2	S 3.7						
<u>Summer Term 2</u>	<u>Week 33</u>	<u>Week 34</u>	<u>Week 35</u>	<u>Week 36</u>	<u>Week 37</u>	<u>Week 38</u>	<u>Week 39</u>	GCSEs

Top Tip!
Have a go at lots of past exam papers throughout Years 4 & 5

Teach Us Maths

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Year 1

Autumn Term 1

WEEK 1

N 1.5 Order of Operations

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 11.3 Money

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 2

N 11.1 Using a Calculator

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 3

N 3.1 Place Value & Ordering Decimals

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 4

N 1.1 Adding Integers

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 1.2 Subtracting Integers

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 5

N 3.3 Adding & Subtracting Decimals

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 6

N 3.2 Multiplying & Dividing by 10, 100, 1000

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 3.6 Related Calculations

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 7

N 1.3 Multiplying Integers

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 1.4 Dividing Integers

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 1

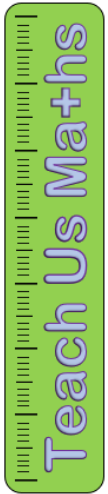
Autumn Term 2

WEEK 9

N 3.4 Multiplying Decimals

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 10

N 3.5 Dividing Decimals

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 11

N 2.1 Adding & Subtracting Negative Numbers

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 2.2 Multiplying & Dividing Negative Numbers

[Slideshow lesson](#)

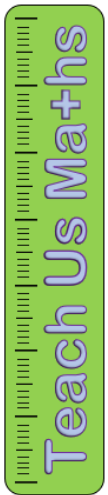
[Accompanying worksheet](#)

WEEK 12

N 1.6 Prime Numbers & Prime Factor Decomposition

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 13

N 1.7 Factors & Highest Common Factor (HCF)

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 1.8 Multiples & Lowest Common Multiple (LCM)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 14

N 5.1 Converting between Fractions, Decimals & Percentages

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 5.2 Ordering Fractions, Decimals & Percentages

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 1

Spring Term 1

WEEK 16

N 4.1 Equivalent Fractions

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 4.3 Ordering Fractions

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 17

N 4.2 Mixed Numbers & Improper Fractions

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 18

N 4.5 Multiplying Fractions

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 4.6 Dividing Fractions

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 19

N 4.4 Adding & Subtracting Fractions

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 20

N 4.7 Fractions of an Amount

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 1

Spring Term 2

WEEK 22

N 6.2 Percentages of an Amount (Non-Calculator)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 23

N 6.3 Percentages of an Amount (Calculator)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 24

N 6.1 Expressing One Quantity as a Percentage of Another

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 25

N 7.1 Rounding – Nearest 10, 100, 1000

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 7.2 Rounding – Nearest Whole Number & Decimal Places

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 1

Summer Term 1

WEEK 27

N 7.3 Rounding – Significant Figures

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 28

N 7.5 Estimation

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 29

N 7.6 Error Intervals

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 30

N 8.1 Squares, Cubes & Powers

[Slideshow lesson](#)

[Accompanying worksheet](#)

N 8.2 Laws of Indices

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 31

A 3.7 Laws of Indices (Algebra)

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 1

Summer Term 2

WEEK 33

N 9.1 Standard Form

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 34

A 3.8 Function Machines

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 3.1 Algebraic Notation

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 35

A 3.2 Collecting Like Terms

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 36

A 3.3 Multiplying Terms

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 3.5 Expanding Single Brackets

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 37

A 4.1 Expanding Double Brackets

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 38

A 3.4 Dividing Terms

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 3.6 Factorising into Single Brackets

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 2

Autumn Term 1

WEEK 1

A 3.9 Substitution

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 2

A 3.10 Solving Linear Equations

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 3

A 3.11 Solving Linear Equations (with the unknown on both sides)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 4

A 3.12 Changing the Subject

[Slideshow lesson](#)

[Accompanying worksheet](#)

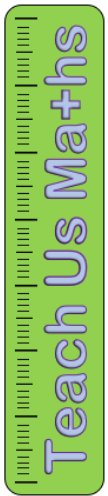


WEEK 5

A 10.3 Geometric & Fibonacci Sequences

[Slideshow lesson](#)

[Accompanying worksheet](#)

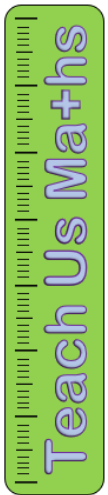


WEEK 6

A 10.1 Linear Sequences

[Slideshow lesson](#)

[Accompanying worksheet](#)

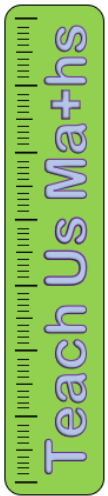


WEEK 7

A 7.1 Inequalities on a Number Line

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 2

Autumn Term 2

WEEK 9

A 1.1 Co-ordinates

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 1.2 Midpoint of a Line

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 10

A 2.1 $x = a$, $y = b$ Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 2.2 Plotting Linear Graphs ($y=mx+c$)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 11

A 2.3 Equations of Linear Graphs ($y=mx+c$)

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 2.4 Using $y=mx+c$ to Draw Linear Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 12

A 2.5 Using $y=mx+c$ to Solve Problems

[Slideshow lesson](#)

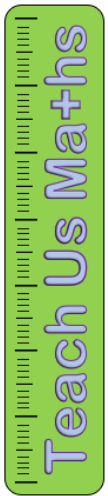
[Accompanying worksheet](#)

WEEK 13

A 2.7 Parallel & Perpendicular Lines

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 14

A 6.1 Reciprocal Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 6.2 Exponential Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 2

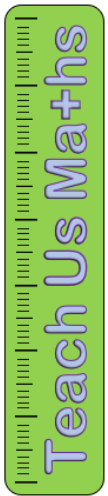
Spring Term 1

WEEK 16

R 4.3 Distance-Time Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 17

N 11.4 Exchange Rates

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 18

R 4.1 Conversion Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

R 4.2 Other Real-Life Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 19

A 9.1 Simultaneous Equations - Linear

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 20

A 4.5 Plotting Quadratic Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

A 4.6 Solving Quadratics - Graphically

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 2

Spring Term 2

WEEK 22

R 1.1 Introduction to Ratio

[Slideshow lesson](#)

[Accompanying worksheet](#)

R 1.2 Simplifying Ratio

[Slideshow lesson](#)

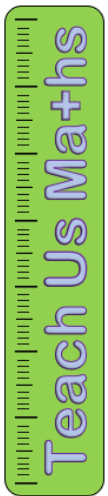
[Accompanying worksheet](#)

WEEK 23

R 1.4 Ratio Problems

[Slideshow lesson](#)

[Accompanying worksheet](#)

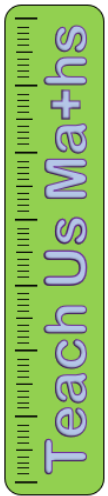


WEEK 24

R 1.3 Sharing in a Ratio

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 25

R 2.1 Introduction to Proportion

[Slideshow lesson](#)

[Accompanying worksheet](#)

R 2.2 Direct & Inverse Proportion

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 2

Summer Term 1

WEEK 27

N 6.4 Percentage Increase / Decrease

[Slideshow lesson](#)

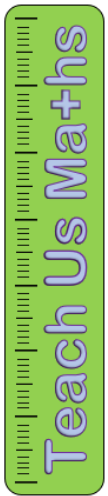
[Accompanying worksheet](#)

WEEK 28

N 6.5 Percentage Change

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 29

N 6.6 Reverse Percentages

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 30

G 5.1 Reading Scales

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 5.2 Converting Metric Units

[Slideshow lesson](#)

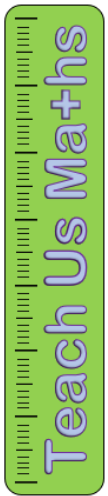
[Accompanying worksheet](#)

WEEK 31

G 5.3 Converting Units – Area / Volume

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 2

Summer Term 2

WEEK 33

N 11.2 Time

[Slideshow lesson](#)

[Accompanying worksheet](#)

R 3.1 Speed

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 34

R 3.2 Density

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 35

G 1.2 Symmetry

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 1.1 2D Shapes-Properties

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 36

G 2.1 Perimeter

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 2.2 Area of Rectangles

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 37

G 2.3 Area of Parallelograms

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 2.4 Area of Triangles

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 38

G 2.5 Area of Trapezia

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 3

Autumn Term 1

WEEK 1

G 3.1 Circumference

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 2

G 3.3 Area of Circles

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 3

G 1.3 3D Shapes-Properties

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 1.4 Plans & Elevations

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 4

G 4.1 Surface Area – Prisms & Cylinders

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 5

G 4.3 Volume – Prisms & Cylinders

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 6

G 6.1 Angles – Types, Measure & Draw

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 7

G 6.2 Calculating Angles – Straight Lines & Full Turns

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 3

Autumn Term 2

WEEK 9

G 6.4 Calculating Angles – Triangles

[Slideshow lesson](#)

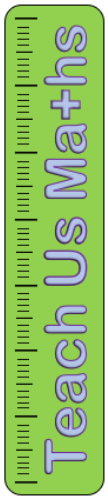
[Accompanying worksheet](#)

WEEK 10

G 6.3 Calculating Angles – Parallel Lines

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 11

G 6.5 Calculating Angles – Polygons

[Slideshow lesson](#)

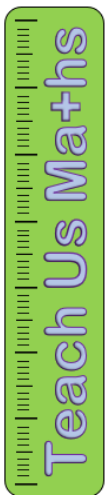
[Accompanying worksheet](#)

WEEK 12

G 6.6 Bearings

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 13

G 9.3 Translation

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 9.1 Reflection

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 14

G 9.2 Rotation

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 3

Spring Term 1

WEEK 16

G 9.4 Enlargement

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 17

G 8.1 Congruence

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 18

G 8.2 Similarity

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 19

G 7.3 Constructing Triangles

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 7.1 Perpendicular Bisector & Angle Bisector

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 20

G 7.2 Loci

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 3

Spring Term 2

WEEK 22

G 10.1 Pythagoras' Theorem

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 23

G 10.2 Trigonometry - Introduction

[Slideshow lesson](#)

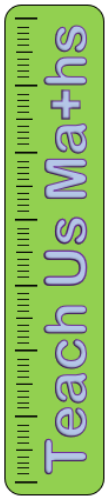
[Accompanying worksheet](#)

WEEK 24

G 10.3 Trigonometry - Further

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 25

P 1.1 Basic Probability

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 3

Summer Term 1

WEEK 27

P 2.1 Listing Outcomes, Sample Spaces & Frequency Trees

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 28

P 1.2 Relative Frequency

[Slideshow lesson](#)

[Accompanying worksheet](#)

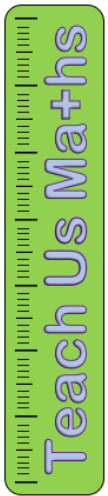


WEEK 29

P 2.3 Venn Diagrams

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 30

S 1.3 Types of Data

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 31

S 1.4 Tally Charts

[Slideshow lesson](#)

[Accompanying worksheet](#)

S 1.5 Two – Way Tables

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 3

Summer Term 2

WEEK 33

S 3.1 Pictograms & Bar Charts

[Slideshow lesson](#)

[Accompanying worksheet](#)

S 3.2 Pie Charts

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 34

S 3.3 Stem & Leaf Diagrams

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 35

S 3.5 Time Series

[Slideshow lesson](#)

[Accompanying worksheet](#)

S 3.4 Frequency Polygons

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 36

S 2.1 Mean, Median, Mode, Range

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 37

S 2.2 Averages from a Table

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 38

S 3.6 Scatter Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 4

Autumn Term 1

WEEK 1

Recommended Key Stage 3 Revision

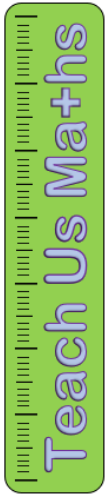
N 1.1 Adding Integers	N 9.1 Standard Form
N 1.2 Subtracting Integers	A 3.1 Algebraic Notation
N 1.4 Dividing Integers	A 3.2 Collecting Like Terms
N 1.7 Factors & Highest Common Factor (HCF)	A 3.3 Multiplying Terms
N 3.3 Adding & Subtracting Decimals	A 3.4 Dividing Terms
N 3.4 Multiplying Decimals	A 3.5 Expanding Single Brackets
N 3.5 Dividing Decimals	A 3.6 Factorising into Single Brackets
N 4.1 Equivalent Fractions	A 3.10 Solving Linear Equations
N 4.2 Mixed Numbers & Improper Fractions	A 3.11 Solving Linear Equations (with the unknown on both sides)
N 4.5 Multiplying Fractions	A 3.12 Changing the Subject
N 7.1 Rounding - Nearest 10, 100, 1000	A 4.1 Expanding Double Brackets
N 7.2 Rounding - Nearest Whole Number & Decimal Places	
N 7.3 Rounding - Significant Figures	
N 7.6 Error Intervals	
N 8.1 Indices - Squares, Cubes & Powers	
N 8.2 Laws of Indices	

WEEK 2

N 5.3 Recurring Decimals

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 3

N 7.7 Calculating with Upper & Lower Bounds

[Slideshow lesson](#)

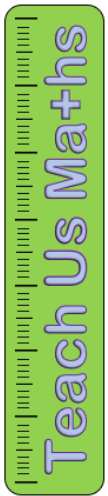
[Accompanying worksheet](#)

WEEK 4

N 7.4 Truncating

[Slideshow lesson](#)

[Accompanying worksheet](#)

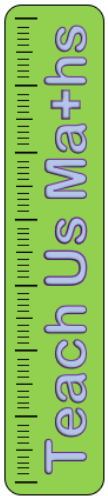


WEEK 5

N 9.2 Calculating with Standard Form

[Slideshow lesson](#)

[Accompanying worksheet](#)

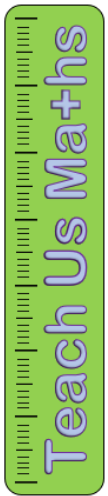


WEEK 6

N 8.3 Fractional Indices

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 7

A 5.1 Expanding Triple Brackets

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 8

N 10.1 Surds

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 4

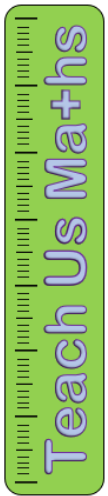
Autumn Term 2

WEEK 9

N 10.2 Rationalising the Denominator

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 10

A 3.13 Changing the Subject (Advanced)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 11

A 4.2 Factorising Quadratics

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 12

A 4.8 Solving Quadratics - Factorising

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 13

A 4.3 Factorising Quadratics (Advanced)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 14

A 4.9 Solving Quadratics – Factorising (Advanced)

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 4

Spring Term 1

WEEK 16

Recommended Key Stage 3 Revision

<u>N 4.1 Equivalent Fractions</u>	Revised in Week 1
<u>N 8.1 Indices - Squares, Cubes & Powers</u>	Revised in Week 1
<u>N 11.1 Using a Calculator</u>	
<u>A 3.2 Collecting Like Terms</u>	Revised in Week 1
<u>A 3.3 Multiplying Terms</u>	Revised in Week 1
<u>A 3.4 Dividing Terms</u>	Revised in Week 1
<u>A 3.5 Expanding Single Brackets</u>	Revised in Week 1
<u>A 3.6 Factorising into Single Brackets</u>	Revised in Week 1
<u>A 3.7 Laws of Indices (Algebra)</u>	
<u>A 3.9 Substitution</u>	
<u>A 3.10 Solving Linear Equations</u>	Revised in Week 1
<u>A 3.11 Solving Linear Equations (with the unknown on both sides)</u>	Revised in Week 1
<u>A 4.1 Expanding Double Brackets</u>	Revised in Week 1
<u>A 4.5 Plotting Quadratic Graphs</u>	
<u>A 4.6 Solving Quadratics - Graphically</u>	
<u>A 10.1 Linear Sequences</u>	

WEEK 17

A 4.10 Solving Quadratics – Quadratic Formula

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 18

A 4.4 Completing the Square

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 19

A 4.11 Solving Quadratics – Completing the Square

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 20

A 4.12 Solving Quadratics – All Methods

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 21

A 4.13 Sketching Quadratic Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 4

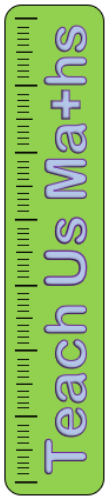
Spring Term 2

WEEK 22

A 11.1 Algebraic Fractions - Simplify

[Slideshow lesson](#)

[Accompanying worksheet](#)

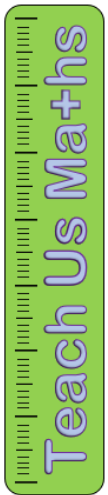


WEEK 23

A 11.2 Algebraic Fractions - Add/Subtract

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 24

A 11.3 Algebraic Fractions - Multiply/Divide

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 25

A 10.2 Quadratic Sequences

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 4

Summer Term 1

WEEK 27

Recommended Key Stage 3 Revision

[N 1.5 Order of Operations](#)

[N 11.1 Using a Calculator](#)

Revised in Week 16

[A 1.1 Co-ordinates](#)

[A 1.2 Midpoint of a Line](#)

[A 2.1 \$x = a\$, \$y = b\$ Graphs](#)

[A 2.2 Plotting Linear Graphs \(\$y = mx + c\$ \)](#)

[A 2.3 Equations of Linear Graphs \(\$y = mx + c\$ \)](#)

[A 2.4 Using \$y = mx + c\$ to Draw Linear Graphs](#)

[A 3.1 Algebraic Notation](#)

Revised in Week 1

[A 3.2 Collecting Like Terms](#)

Revised in Week 1 & 16

[A 3.3 Multiplying Terms](#)

Revised in Week 1 & 16

[A 3.5 Expanding Single Brackets](#)

Revised in Week 1 & 16

[A 3.6 Factorising into Single Brackets](#)

Revised in Week 1 & 16

[A 3.8 Function Machines](#)

[A 3.9 Substitution](#)

Revised in Week 16

[A 3.10 Solving Linear Equations](#)

Revised in Week 1 & 16

[A 3.11 Solving Linear Equations \(with the unknown on both sides\)](#)

Revised in Week 1 & 16

[A 3.12 Changing the Subject](#)

Revised in Week 1

[A 4.1 Expanding Double Brackets](#)

Revised in Week 1 & 16

[A 4.5 Plotting Quadratic Graphs](#)

Revised in Week 16

[A 7.1 Inequalities on a Number Line](#)

WEEK 28

A 7.2 Solving Linear Inequalities

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 29

A 7.4 Solving Quadratic Inequalities

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 30

A 7.3 Solving Linear Inequalities Graphically

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 31

A 8.1 Trial & Improvement

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 32

A 8.2 Iteration

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 4

Summer Term 2

WEEK 33

A 9.2 Simultaneous Equations – Non-Linear

[Slideshow lesson](#)

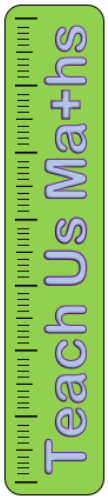
[Accompanying worksheet](#)

WEEK 34

A 13.1 Algebraic Proof

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 35

A 12.1 Functions

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 36

A 2.6 Using Gradients and Co-ordinates to find $y=mx+c$

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 37

A 1.3 3D Co-ordinates

[Slideshow lesson](#)

[Accompanying worksheet](#)

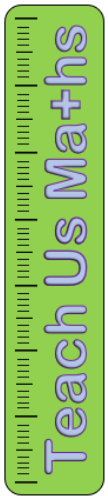


WEEK 38

A 5.2 Cubic Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 5

Autumn Term 1

WEEK 1

Recommended Key Stage 3 Revision

N 4.1 Equivalent Fractions	Revised in Year 4 Week 1 & 16	G 2.1 Perimeter
N 4.5 Multiplying Fractions	Revised in Year 4 Week 1	G 2.2 Area of Rectangles
N 4.7 Fractions of an Amount		G 2.3 Area of Parallelograms
N 6.4 Percentage Increase / Decrease		G 3.1 Circumference
N 11.1 Using a Calculator	Revised in Year 4 Week 16 & 27	G 3.3 Area of Circles
R 2.2 Direct & Inverse Proportion		G 5.2 Converting Metric Units
R 3.1 Speed		G 5.3 Converting Units - Area/Volume
R 3.2 Density		G 6.2 Calculating Angles - Straight Lines & Full Turns
R 4.3 Distance-Time Graphs		G 6.3 Calculating Angles - Parallel Lines
A 1.1 Co-ordinates	Revised in Year 4 Week 27	G 6.4 Calculating Angles - Triangles
A 2.1 $x = a$, $y = b$ Graphs	Revised in Year 4 Week 27	G 6.5 Calculating Angles - Polygons
A 2.2 Plotting Linear Graphs ($y = mx + c$)	Revised in Year 4 Week 27	G 8.2 Similarity
A 2.3 Equations of Linear Graphs ($y = mx + c$)	Revised in Year 4 Week 27	G 9.1 Reflection
A 2.5 Using $y = mx + c$ to Solve Problems		G 9.2 Rotation
A 2.7 Parallel & Perpendicular Lines		G 9.3 Translation
A 3.9 Substitution	Revised in Year 4 Week 16 & 27	G 9.4 Enlargement
A 3.10 Solving Linear Equations	Revised in Year 4 Week 1, 16 & 27	G 10.1 Pythagoras' Theorem
A 3.11 Solving Linear Equations (with the unknown on both sides)	Revised in Year 4 Week 1, 16 & 27	G 10.2 Trigonometry - Introduction
A 4.5 Plotting Quadratic Graphs	Revised in Year 4 Week 16 & 27	
A 4.6 Solving Quadratics - Graphically	Revised in Year 4 Week 16	

WEEK 2

A 6.3 Equations of Tangents to Circles

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 3

A 6.4 Trigonometric Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 4

A 4.7 Solving Quadratics – Graphically (Advanced)

[Slideshow lesson](#)

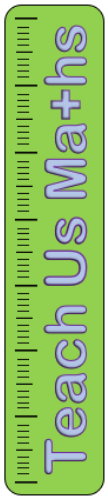
[Accompanying worksheet](#)

WEEK 5

A 6.5 Transformations of Graphs

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 6

R 4.4 Speed – Time Graphs (Straight Lines)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 7

R 4.5 Speed-Time Graphs (Curves)

[Slideshow lesson](#)

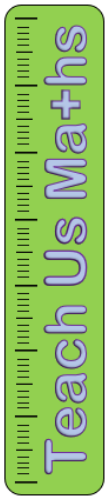
[Accompanying worksheet](#)

WEEK 8

R 2.3 Direct Proportion (Algebra)

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 5

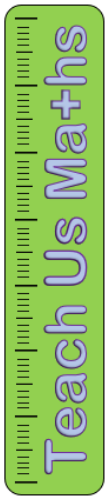
Autumn Term 2

WEEK 9

R 2.4 Inverse Proportion (Algebra)

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 10

N 6.7 Compound Interest

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 11

R 3.3 Pressure

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 12

G 12.1 Circle Theorems

[Slideshow lesson](#)[Accompanying worksheet](#)

G 12.2 Further Circle Theorems

Note: the video for G 12.1 and G 12.2 is the same

[Slideshow lesson](#)[Accompanying worksheet](#)

WEEK 13

G 9.5 Enlargement (Negative Scale Factors)

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 14

G 3.2 Arc Length

[Slideshow lesson](#)

[Accompanying worksheet](#)

G 3.4 Area of Sectors

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 5

Spring Term 1

WEEK 16

Recommended Key Stage 3 Revision

N 2.1 Adding & Subtracting Negative Numbers		G 4.3 Volume - Prisms & Cylinders	
N 2.2 Multiplying & Dividing Negative Numbers		G 6.2 Calculating Angles - Straight Lines & Full Turns	Revised in Year 5 Week 1
N 3.3 Adding & Subtracting Decimals	Revised in Year 4 Week 1	G 6.3 Calculating Angles - Parallel Lines	Revised in Year 5 Week 1
N 3.4 Multiplying Decimals	Revised in Year 4 Week 1	G 6.4 Calculating Angles - Triangles	Revised in Year 5 Week 1
N 4.1 Equivalent Fractions	Revised in Year 4 Week 1 & 16 and Year 5 Week 1	G 8.1 Congruence	
N 4.4 Adding & Subtracting Fractions		G 8.2 Similarity	Revised in Year 5 Week 1
N 4.5 Multiplying Fractions	Revised in Year 4 Week 1 and Year 5 Week 1	G 9.3 Translation	Revised in Year 5 Week 1
N 4.6 Dividing Fractions		G 10.1 Pythagoras' Theorem	Revised in Year 5 Week 1
N 4.7 Fractions of an Amount	Revised in Year 5 Week 1	G 10.2 Trigonometry - Introduction	Revised in Year 5 Week 1
N 6.1 Expressing One Quantity as a Percentage of Another		G 10.3 Trigonometry - Further	
N 6.2 Percentages of an Amount (Non - Calculator)		S 1.3 Types of Data	
N 6.3 Percentages of an Amount (Calculator)		S 1.4 Tally Charts	
N 7.2 Rounding - Nearest Whole Number & Decimal Places	Revised in Year 4 Week 1	S 2.1 Mean, Median, Mode, Range	
R 1.1 Introduction to Ratio		S 2.2 Averages from a Table	
R 3.2 Density	Revised in Year 5 Week 1	S 3.1 Pictograms & Bar Charts	
A 1.1 Co-ordinates	Revised in Year 4 Week 27 and Year 5 Week 1	S 3.2 Pie Charts	
A 3.9 Substitution	Revised in Year 4 Week 16 & 27 and Year 5 Week 1	S 3.3 Stem & Leaf Diagrams	
A 3.10 Solving Linear Equations	Revised in Year 4 Week 1, 16 & 27 and Year 5 Week 1	S 3.4 Frequency Polygons	
A 3.12 Changing the Subject	Revised in Year 4 Week 1 & 27	S 3.5 Time Series	
G 1.3 3D Shapes - Properties		S 3.6 Scatter Graphs	
G 2.2 Area of Rectangles	Revised in Year 5 Week 1	P 1.1 Basic Probability	
G 2.4 Area of Triangles		P 2.1 Listing Outcomes, Sample Spaces & Frequency Trees	
G 3.3 Area of Circles	Revised in Year 5 Week 1	P 2.3 Venn Diagrams	
G 4.1 Surface Area - Prisms & Cylinders			

WEEK 17

G 4.2 Surface Area – Spheres, Pyramids & Cones

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 18

G 4.4 Volume – Spheres, Pyramids & Cones

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 19

G 10.4 Trigonometry – Exact Values

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 20

G 10.5 Sine Rule

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 21

G 10.6 Cosine Rule

[Slideshow lesson](#)

[Accompanying worksheet](#)

Year 5

Spring Term 2

WEEK 22

G 10.7 Area of a Triangle

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 23

G 11.1 Vectors

[Slideshow lesson](#)

[Accompanying worksheet](#)

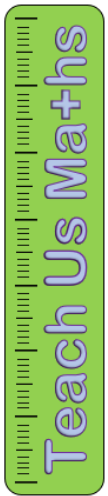


WEEK 24

P 2.4 Product Rule for Counting

[Slideshow lesson](#)

[Accompanying worksheet](#)



WEEK 25

P 2.2 Tree Diagrams

[Slideshow lesson](#)

[Accompanying worksheet](#)



Year 5

Summer Term 1

WEEK 27

S 1.1 The Data Handling Cycle & Questionnaires

[Slideshow lesson](#)

[Accompanying worksheet](#)

S 1.2 Sampling & Capture, Recapture

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 28

S 3.8 Box Plots

[Slideshow lesson](#)

[Accompanying worksheet](#)

S 3.7 Cumulative Frequency Diagrams

[Slideshow lesson](#)

[Accompanying worksheet](#)

WEEK 29

S 3.9 Histograms

[Slideshow lesson](#)

[Accompanying worksheet](#)



YEAR 1 - Autumn Term 1

Week 1	N 1.5 Order of Operations	☆☆☆
	N 11.3 Money	☆☆☆
Week 2	N 11.1 Using a Calculator	☆☆☆
Week 3	N 3.1 Place Value & Ordering Decimals	☆☆☆
Week 4	N 1.1 Adding Integers	☆☆☆
	N 1.2 Subtracting Integers	☆☆☆
Week 5	N 3.3 Adding & Subtracting Decimals	☆☆☆
Week 6	N 3.2 Multiplying & Dividing by 10, 100, 1000	☆☆☆
	N 3.6 Related Calculations	☆☆☆
Week 7	N 1.3 Multiplying Integers	☆☆☆
	N 1.4 Dividing Integers	☆☆☆
Week 8		

YEAR 1 - Autumn Term 2

Week 9	N 3.4 Multiplying Decimals	☆☆☆
Week 10	N 3.5 Dividing Decimals	☆☆☆
Week 11	N 2.1 Adding & Subtracting Negative Numbers	☆☆☆
	N 2.2 Multiplying & Dividing Negative Numbers	☆☆☆
Week 12	N 1.6 Prime Numbers & Prime Factor Decomposition	☆☆☆
Week 13	N 1.7 Factors & Highest Common Factor (HCF)	☆☆☆
	N 1.8 Multiples & Lowest Common Multiple (LCM)	☆☆☆
Week 14	N 5.1 Converting between Fractions, Decimals & Percentages	☆☆☆
	N 5.2 Ordering Fractions, Decimals & Percentages	☆☆☆
Week 15		

YEAR 1 - Spring Term 1

Week 16	N 4.1 Equivalent Fractions	☆☆☆
	N 4.3 Ordering Fractions	☆☆☆
Week 17	N 4.2 Mixed Numbers & Improper Fractions	☆☆☆
Week 18	N 4.5 Multiplying Fractions	☆☆☆
	N 4.6 Dividing Fractions	☆☆☆
Week 19	N 4.4 Adding & Subtracting Fractions	☆☆☆
Week 20	N 4.7 Fractions of an Amount	☆☆☆
Week 21		

YEAR 1 - Spring Term 2

Week 22	N 6.2 Percentages of an Amount (Non-Calculator)	☆☆☆
Week 23	N 6.3 Percentages of an Amount (Calculator)	☆☆☆
Week 24	N 6.1 Expressing One Quantity as a Percentage of Another	☆☆☆
Week 25	N 7.1 Rounding – Nearest 10, 100, 1000	☆☆☆
	N 7.2 Rounding – Nearest Whole Number & Decimal Places	☆☆☆
Week 26		

YEAR 1 - Summer Term 1

Week 27	N 7.3 Rounding – Significant Figures	☆☆☆
Week 28	N 7.5 Estimation	☆☆☆
Week 29	N 7.6 Error Intervals	☆☆☆
Week 30	N 8.1 Squares, Cubes & Powers	☆☆☆
	N 8.2 Laws of Indices	☆☆☆
Week 31	A 3.7 Laws of Indices (Algebra)	☆☆☆
Week 32		

YEAR 1 - Summer Term 2

Week 33	N 9.1 Standard Form	☆☆☆
Week 34	A 3.8 Function Machines	☆☆☆
	A 3.1 Algebraic Notation	☆☆☆
Week 35	A 3.2 Collecting Like Terms	☆☆☆
Week 36	A 3.3 Multiplying Terms	☆☆☆
	A 3.5 Expanding Single Brackets	☆☆☆
Week 37	A 4.1 Expanding Double Brackets	☆☆☆
Week 38	A 3.4 Dividing Terms	☆☆☆
	A 3.6 Factorising into Single Brackets	☆☆☆
Week 39		

YEAR 2 - Autumn Term 1

Week 1	A 3.9 Substitution	☆☆☆
Week 2	A 3.10 Solving Linear Equations	☆☆☆
Week 3	A 3.11 Solving Linear Equations (with the unknown on both sides)	☆☆☆
Week 4	A 3.12 Changing the Subject	☆☆☆
Week 5	A 10.3 Geometric & Fibonacci Sequences	☆☆☆
Week 6	A 10.1 Linear Sequences	☆☆☆
Week 7	A 7.1 Inequalities on a Number Line	☆☆☆
Week 8		

YEAR 2 - Autumn Term 2

Week 9	A 1.1 Co-ordinates	☆☆☆
	A 1.2 Midpoint of a Line	☆☆☆
Week 10	A 2.1 $x = a$, $y = b$ Graphs	☆☆☆
	A 2.2 Plotting Linear Graphs ($y=mx+c$)	☆☆☆
Week 11	A 2.3 Equations of Linear Graphs ($y=mx+c$)	☆☆☆
	A 2.4 Using $y=mx+c$ to Draw Linear Graphs	☆☆☆
Week 12	A 2.5 Using $y=mx+c$ to Solve Problems	☆☆☆
Week 13	A 2.7 Parallel & Perpendicular Lines	☆☆☆
Week 14	A 6.1 Reciprocal Graphs	☆☆☆
	A 6.2 Exponential Graphs	☆☆☆
Week 15		

YEAR 2 - Spring Term 1

Week 16	R 4.3 Distance-Time Graphs	☆☆☆
Week 17	N 11.4 Exchange Rates	☆☆☆
Week 18	R 4.1 Conversion Graphs	☆☆☆
	R 4.2 Other Real-Life Graphs	☆☆☆
Week 19	A 9.1 Simultaneous Equations - Linear	☆☆☆
Week 20	A 4.5 Plotting Quadratic Graphs	☆☆☆
	A 4.6 Solving Quadratics - Graphically	☆☆☆
Week 21		

YEAR 2 - Spring Term 2

Week 22	R 1.1 Introduction to Ratio	☆☆☆
	R 1.2 Simplifying Ratio	☆☆☆
Week 23	R 1.4 Ratio Problems	☆☆☆
Week 24	R 1.3 Sharing in a Ratio	☆☆☆
Week 25	R 2.1 Introduction to Proportion	☆☆☆
	R 2.2 Direct & Inverse Proportion	☆☆☆
Week 26		

YEAR 2 - Summer Term 1

Week 27	N 6.4 Percentage Increase / Decrease	☆☆☆
Week 28	N 6.5 Percentage Change	☆☆☆
Week 29	N 6.6 Reverse Percentages	☆☆☆
Week 30	G 5.1 Reading Scales	☆☆☆
	G 5.2 Converting Metric Units	☆☆☆
Week 31	G 5.3 Converting Units – Area / Volume	☆☆☆
Week 32		

YEAR 2 - Summer Term 2

Week 33	N 11.2 Time	☆☆☆
	R 3.1 Speed	☆☆☆
Week 34	R 3.2 Density	☆☆☆
Week 35	G 1.2 Symmetry	☆☆☆
	G 1.1 2D Shapes-Properties	☆☆☆
Week 36	G 2.1 Perimeter	☆☆☆
	G 2.2 Area of Rectangles	☆☆☆
Week 37	G 2.3 Area of Parallelograms	☆☆☆
	G 2.4 Area of Triangles	☆☆☆
Week 38	G 2.5 Area of Trapezia	☆☆☆
Week 39		

YEAR 3 - Autumn Term 1

Week 1	G 3.1 Circumference	☆☆☆
Week 2	G 3.3 Area of Circles	☆☆☆
Week 3	G 1.3 3D Shapes-Properties	☆☆☆
	G 1.4 Plans & Elevations	☆☆☆
Week 4	G 4.1 Surface Area – Prisms & Cylinders	☆☆☆
Week 5	G 4.3 Volume – Prisms & Cylinders	☆☆☆
Week 6	G 6.1 Angles – Types, Measure & Draw	☆☆☆
Week 7	G 6.2 Calculating Angles – Straight Lines & Full Turns	☆☆☆
Week 8		

YEAR 3 - Autumn Term 2

Week 9	G 6.4 Calculating Angles – Triangles	☆☆☆
Week 10	G 6.3 Calculating Angles – Parallel Lines	☆☆☆
Week 11	G 6.5 Calculating Angles – Polygons	☆☆☆
Week 12	G 6.6 Bearings	☆☆☆
Week 13	G 9.3 Translation	☆☆☆
	G 9.1 Reflection	☆☆☆
Week 14	G 9.2 Rotation	☆☆☆
Week 15		

YEAR 3 - Spring Term 1

Week 16	G 9.4 Enlargement	☆☆☆
Week 17	G 8.1 Congruence	☆☆☆
Week 18	G 8.2 Similarity	☆☆☆
Week 19	G 7.3 Constructing Triangles	☆☆☆
	G 7.1 Perpendicular Bisector & Angle Bisector	☆☆☆
Week 20	G 7.2 Loci	☆☆☆
Week 21		

YEAR 3 - Spring Term 2

Week 22	G 10.1 Pythagoras' Theorem	☆☆☆
Week 23	G 10.2 Trigonometry - Introduction	☆☆☆
Week 24	G 10.3 Trigonometry – Further	☆☆☆
Week 25	P 1.1 Basic Probability	☆☆☆
Week 26		

YEAR 3 - Summer Term 1

Week 27	P 2.1 Listing Outcomes, Sample Spaces & Frequency Trees	☆☆☆
Week 28	P 1.2 Relative Frequency	☆☆☆
Week 29	P 2.3 Venn Diagrams	☆☆☆
Week 30	S 1.3 Types of Data	☆☆☆
Week 31	S 1.4 Tally Charts	☆☆☆
	S 1.5 Two – Way Tables	☆☆☆
Week 32		

YEAR 3 - Summer Term 2

Week 33	S 3.1 Pictograms & Bar Charts	☆☆☆
	S 3.2 Pie Charts	☆☆☆
Week 34	S 3.3 Stem & Leaf Diagrams	☆☆☆
Week 35	S 3.5 Time Series	☆☆☆
	S 3.4 Frequency Polygons	☆☆☆
Week 36	S 2.1 Mean, Median, Mode, Range	☆☆☆
Week 37	S 2.2 Averages from a Table	☆☆☆
Week 38	S 3.6 Scatter Graphs	☆☆☆
Week 39		

YEAR 4 - Autumn Term 1

Week 1		
Week 2	N 5.3 Recurring Decimals	☆☆☆
Week 3	N 7.7 Calculating with Upper & Lower Bounds	☆☆☆
Week 4	N 7.4 Truncating	☆☆☆
Week 5	N 9.2 Calculating with Standard Form	☆☆☆
Week 6	N 8.3 Fractional Indices	☆☆☆
Week 7	A 5.1 Expanding Triple Brackets	☆☆☆
Week 8	N 10.1 Surds	☆☆☆

YEAR 4 - Autumn Term 2

Week 9	N 10.2 Rationalising the Denominator	☆☆☆
Week 10	A 3.13 Changing the Subject (Advanced)	☆☆☆
Week 11	A 4.2 Factorising Quadratics	☆☆☆
Week 12	A 4.8 Solving Quadratics - Factorising	☆☆☆
Week 13	A 4.3 Factorising Quadratics (Advanced)	☆☆☆
Week 14	A 4.9 Solving Quadratics – Factorising (Advanced)	☆☆☆
Week 15		

YEAR 4 - Spring Term 1

Week 16		
Week 17	A 4.10 Solving Quadratics – Quadratic Formula	☆☆☆
Week 18	A 4.4 Completing the Square	☆☆☆
Week 19	A 4.11 Solving Quadratics – Completing the Square	☆☆☆
Week 20	A 4.12 Solving Quadratics – All Methods	☆☆☆
Week 21	A 4.13 Sketching Quadratic Graphs	☆☆☆

YEAR 4 - Spring Term 2

Week 22	A 11.1 Algebraic Fractions - Simplify	☆☆☆
Week 23	A 11.2 Algebraic Fractions - Add/Subtract	☆☆☆
Week 24	A 11.3 Algebraic Fractions - Multiply/Divide	☆☆☆
Week 25	A 10.2 Quadratic Sequences	☆☆☆
Week 26		

YEAR 4 - Summer Term 1

Week 27		
Week 28	A 7.2 Solving Linear Inequalities	☆☆☆
Week 29	A 7.4 Solving Quadratic Inequalities	☆☆☆
Week 30	A 7.3 Solving Linear Inequalities Graphically	☆☆☆
Week 31	A 8.1 Trial & Improvement	☆☆☆
Week 32	A 8.2 Iteration	☆☆☆

YEAR 4 - Summer Term 2

Week 33	A 9.2 Simultaneous Equations – Non-Linear	☆☆☆
Week 34	A 13.1 Algebraic Proof	☆☆☆
Week 35	A 12.1 Functions	☆☆☆
Week 36	A 2.6 Using Gradients and Co-ordinates to find $y=mx+c$	☆☆☆
Week 37	A 1.3 3D Co-ordinates	☆☆☆
Week 38	A 5.2 Cubic Graphs	☆☆☆
Week 39		

YEAR 5 - Autumn Term 1

Week 1		
Week 2	A 6.3 Equations of Tangents to Circles	☆☆☆
Week 3	A 6.4 Trigonometric Graphs	☆☆☆
Week 4	A 4.7 Solving Quadratics – Graphically (Advanced)	☆☆☆
Week 5	A 6.5 Transformations of Graphs	☆☆☆
Week 6	R 4.4 Speed – Time Graphs (Straight Lines)	☆☆☆
Week 7	R 4.5 Speed-Time Graphs (Curves)	☆☆☆
Week 8	R 2.3 Direct Proportion (Algebra)	☆☆☆

YEAR 5 - Autumn Term 2

Week 9	R 2.4 Inverse Proportion (Algebra)	☆☆☆
Week 10	N 6.7 Compound Interest	☆☆☆
Week 11	R 3.3 Pressure	☆☆☆
Week 12	G 12.1 Circle Theorems	☆☆☆
	G 12.2 Further Circle Theorems	☆☆☆
Week 13	G 9.5 Enlargement (Negative Scale Factors)	☆☆☆
Week 14	G 3.2 Arc Length	☆☆☆
	G 3.4 Area of Sectors	☆☆☆
Week 15		

YEAR 5 - Spring Term 1

Week 16		
Week 17	G 4.2 Surface Area – Spheres, Pyramids & Cones	☆☆☆
Week 18	G 4.4 Volume – Spheres, Pyramids & Cones	☆☆☆
Week 19	G 10.4 Trigonometry – Exact Values	☆☆☆
Week 20	G 10.5 Sine Rule	☆☆☆
Week 21	G 10.6 Cosine Rule	☆☆☆

YEAR 5 - Spring Term 2

Week 22	G 10.7 Area of a Triangle	☆☆☆
Week 23	G 11.1 Vectors	☆☆☆
Week 24	P 2.4 Product Rule for Counting	☆☆☆
Week 25	P 2.2 Tree Diagrams	☆☆☆
Week 26		

YEAR 5 - Summer Term 1

Week 27	S 1.1 The Data Handling Cycle & Questionnaires	☆☆☆
	S 1.2 Sampling & Capture, Recapture	☆☆☆
Week 28	S 3.8 Box Plots	☆☆☆
	S 3.7 Cumulative Frequency Diagrams	☆☆☆
Week 29	S 3.9 Histograms	☆☆☆
Week 30		