

## Year 9F Support for Home Learning 2020-21

These lessons have been put together using mymaths and the Oak National Academy. They are designed to be in line with the topics you would be doing if you were in school.

If the links on the document do not work for any reason, go to mymaths and use the videos and worksheets to guide your learning.

You can also make revision cards/ posters to help you with topics you are less confident with.

If the work listed here is not enough, you can supplement it with your homework book. You can also use the mymaths booster packs as well as BBC bitesize.

			Home learning resources
24 - 28 Aug	1	Phased Return	
31 Aug - 04 Sep	2	8.1.1 Types of number	<a href="#">Oak Academy - Factors and Multiples lessons</a> <a href="#">Oak Academy - Prime factor decomposition lessons</a>
07 Sep - 11 Sep	3	8.2.2 Negative numbers	<a href="#">Oak Academy - Positive and negative numbers lessons</a>
14 Sep - 18 Sep	4	8.2.1 BIDMAS	<a href="#">Oak Academy - Order of operations lessons</a> <a href="https://app.mymaths.co.uk/6191-game/order-of-operations-pairs-activity">https://app.mymaths.co.uk/6191-game/order-of-operations-pairs-activity</a>
21 Sep - 25 Sep	5	8.3.1 Enlargement	<a href="#">Oak Academy - enlargement lesson</a> <a href="#">Oak Academy - enlargement &amp; area lesson</a>
28 Sep - 02 Oct	6	8.6 FDP & TEST	<a href="#">Oak Academy - FDP review lessons</a> <a href="https://app.mymaths.co.uk/90-lesson/fractions-to-decimals">https://app.mymaths.co.uk/90-lesson/fractions-to-decimals</a> <a href="https://app.mymaths.co.uk/6699-game/tug-of-war">https://app.mymaths.co.uk/6699-game/tug-of-war</a>
05 Oct - 09 Oct	7	8.1.2 Rounding	<a href="#">Oak Academy - Rounding lessons</a>
12 Oct - 16 Oct	8	8.5.1 Algebraic notation	<a href="#">Oak Academy - equations and expressions lessons</a>
19 Oct - 23 Oct		Half Term	
26 Oct - 30 Oct	9	8.8.1 Explore sequences & rules	<a href="#">Oak Academy - Sequences lessons</a> <a href="https://app.mymaths.co.uk/myportal/library/9/85/899#collapse2">https://app.mymaths.co.uk/myportal/library/9/85/899#collapse2</a> <a href="https://app.mymaths.co.uk/238-lesson/arithmatic-sequences">https://app.mymaths.co.uk/238-lesson/arithmatic-sequences</a>
02 Nov - 06 Nov	10	8.4 Probability	<a href="#">Oak academy - Happy caterpillars investigation</a>
09 Nov - 13 Nov	11	8.9.1 Angle facts	<a href="#">Oak Academy - Representing probability</a> <a href="#">Oak Academy - calculating probability lesson</a> <a href="#">Oak Academy - sample spaces lesson</a> <a href="https://app.mymaths.co.uk/377-lesson/probability-intro">https://app.mymaths.co.uk/377-lesson/probability-intro</a> <a href="https://app.mymaths.co.uk/378-lesson/simple-probability">https://app.mymaths.co.uk/378-lesson/simple-probability</a>
16 Nov - 20 Nov	12	8.7.1 Ratio	<a href="#">Oak academy - describing angles lesson</a> <a href="#">Oak Academy - measuring and drawing angles lesson</a> <a href="#">Oak Academy - Finding unknown angles lesson</a> <a href="https://app.mymaths.co.uk/5792-lesson/angles-3">https://app.mymaths.co.uk/5792-lesson/angles-3</a> <a href="https://app.mymaths.co.uk/256-lesson/angle-sums">https://app.mymaths.co.uk/256-lesson/angle-sums</a>
23 Nov - 27 Nov	13	8.5.2 Expanding & factorising	<a href="#">Oak Academy - representing ratio</a> <a href="https://app.mymaths.co.uk/5857-lesson/modelling-ratio">https://app.mymaths.co.uk/5857-lesson/modelling-ratio</a> <a href="https://app.mymaths.co.uk/158-lesson/ratio-introduction">https://app.mymaths.co.uk/158-lesson/ratio-introduction</a>
30 Nov - 04 Dec	14	8.10.1 Fraction calcs	<a href="#">Oak Academy - expanding brackets</a> <a href="#">Oak Academy - factorising expressions</a> <a href="https://app.mymaths.co.uk/171-lesson/single-brackets">https://app.mymaths.co.uk/171-lesson/single-brackets</a> <a href="https://app.mymaths.co.uk/myportal/library/9/85/891#collapse6">https://app.mymaths.co.uk/myportal/library/9/85/891#collapse6</a>

07 Dec	- 11 Dec	15	TEST & Remedial	<a href="https://app.mymaths.co.uk/5856-lesson/modelling-fraction-calculations">https://app.mymaths.co.uk/5856-lesson/modelling-fraction-calculations</a> <a href="#">mymaths - adding fractions with the same denominator</a> <a href="#">Oak Academy - multiplying fractions by integers</a> <a href="#">Oak academy - adding and subtracting fractions</a>
14 Dec	- 18 Dec	16	8.12.1 Area recap/ investigating pi	<a href="#">Oak Academy - Area review lessons</a> <a href="#">Oak Academy - parts of a circle lesson</a> <a href="#">Oak Academy - circumference of a circle</a> <a href="https://app.mymaths.co.uk/269-lesson/circumference-of-a-circle">https://app.mymaths.co.uk/269-lesson/circumference-of-a-circle</a>
21 Dec	- 25 Dec		Christmas	
28 Dec	- 01 Jan		Christmas	
04 Jan	- 08 Jan	17	8.13.1 Coordinates, midpoints, horizontal & vertical lines	<a href="#">mymaths - coordinates lesson</a> <a href="#">mymaths - midpoints and line lengths lesson</a> <a href="#">Oak Academy - solving geometric problems</a>
11 Jan	- 15 Jan	18	8.15 Presenting data	<a href="#">Sorting data into tables LESSON</a> <a href="#">Introducing data LESSON</a> <a href="#">Frequency tables LESSON</a> <a href="#">Oak Academy - Interpreting Bar Charts</a>
18 Jan	- 22 Jan	19	8.11.1 Equations with an unknown on one side	<a href="#">Oak Academy - Exploring equations</a> <a href="#">Oak Academy - Solving Equations algebraically</a>
25 Jan	- 29 Jan	20	8.9.2 Parallel lines	<a href="#">Angles in Parallel lines mymaths lesson</a> <a href="#">Oak Academy - Exploring intersections</a> <a href="#">Oak Academy - Transversal angles</a> <a href="#">Oak Academy - Alternate angles</a> <a href="https://classroom.thenational.academy/lessons/corresponding-and-allied-angles-6tj68e">https://classroom.thenational.academy/lessons/corresponding-and-allied-angles-6tj68e</a>
01 Feb	- 05 Feb	21	TEST & Remedial work	
08 Feb	- 12 Feb	22	8.14.1 Venn diagrams	<a href="https://app.mymaths.co.uk/1731-lesson/venn-diagrams-1">https://app.mymaths.co.uk/1731-lesson/venn-diagrams-1</a>
15 Feb	- 19 Feb		Half term	
22 Feb	- 26 Feb	23	8.8.2 Picture sequences	<a href="#">Oak Academy - Number grid sequences</a> <a href="#">Oak Academy - Growing pattern sequences</a>
01 Mar	- 05 Mar	24	8.16.1 Averages	<a href="#">Mean and mode LESSON</a> <a href="#">Median and range LESSON</a> <a href="#">All averages LESSON</a>
08 Mar	- 12 Mar	25	8.1.3. Intro to standard form	<a href="#">Oak Academy - powers of 10 lesson</a> <a href="#">Oak Academy - Large numbers lesson</a> <a href="#">Writing large number using standard form LESSON</a>
15 Mar	- 19 Mar	26	8.2.3 Using a calculator	<a href="#">Oak Academy - Rounding from a calculator</a>
22 Mar	- 26 Mar	27	8.3.2 Bearings & scales	<a href="#">Oak Academy - Bearings and compass points</a> <a href="#">mymaths Bearings lesson</a>
29 Mar	- 02 Apr		Easter	
05 Apr	- 09 Apr		Easter	
12 Apr	- 16 Apr	28	8.7.2 Proportion & problem solving	<a href="#">Mymaths - Introduction to proportion</a> <a href="#">Oak Academy - understanding rates</a>
'1	- 23 Apr	29		
26 Apr	- 30 Apr	30	8.5.3 Changing the subject	<a href="#">mymaths - function machines lesson</a> <a href="#">Oak Academy - Algebraic expressions lesson</a>
03 May	- 07 May	31		<a href="#">mymaths - rearranging lesson</a>

10 May	14 May	32	8.11.2 Equations with an unknown on both sides	<a href="#">Oak Academy - Linear equations lesson</a> <a href="#">mymaths - both sides lesson</a>
17 May	21 May	33	8.10.2 Percentage inc & dec	<a href="#">Oak Academy - percentages recap</a> <a href="#">Oak Academy - percentage change lesson</a> <a href="#">mymaths - modelling percentage change lesson</a>
24 May	28 May	34	8.9.3 Polygons	<a href="#">mymaths - properties of triangles lesson</a> <a href="#">mymaths - lines and quadrilaterals lesson</a>
31 May	04 Jun		Half Term	
07 Jun	11 Jun	35	8.7.3 SDT	<a href="#">Oak Academy - distance-time graphs</a> <a href="https://app.mymaths.co.uk/296-lesson/speed">https://app.mymaths.co.uk/296-lesson/speed</a>
14 Jun	18 Jun	36	REVISION & End of Year TEST	
21 Jun	25 Jun	37	8.10.3 Interest & finance	<a href="#">Oak Academy - savings lesson</a>
28 Jun	02 Jul	38	8.3.3 Plans & elevations	<a href="#">Oak Academy - Plans lesson</a> <a href="#">mymaths - plans and elevations lesson</a>
05 Jul	09 Jul	39	FLEXI	