

Year 7 Support Blended Learning

These lessons have been put together largely using MyMaths, but also with the Oak National Academy. They are designed to be in line with the topics you would be doing if you were in school.

There is a school login for MyMaths; the username is 'brookvale' and the password is 'octagon'. You will need your own individual logins for your portal, which your teacher has access to. Please make sure you write these on the correct page in your planners so you don't lose them!

You can also use these activities to boost your learning from school. MyMaths has some fantastic booster packs which test your understanding of a variety of topics. Other websites such as CorbettMaths (which has a great 5-a-day activity and lots of useful videos), BBC Bitesize and mathsmadeeasy.co.uk are really useful to top up your learning and provide you with really good revision materials for tests.

If you find the work too easy or too hard, (or you are having difficulties completing these if you are learning from home), you must let your teacher know via email or the google classroom as soon as possible.

			Home learning resources
24 Aug - 28 Aug	1	Phased return	
31 Aug - 04 Sep	2	7.1.1 Place value	Place value upto 1000 LESSON Ordering whole numbers LESSON Roman Numerals LESSON
07 Sep - 11 Sep	3	7.2.1 Rounding	Rounding to 10 and 100 LESSON Rounding decimals LESSON
14 Sep - 18 Sep	4	7.6.1 Properties of shapes	2D and 3D shapes LESSON 3D shapes LESSON Properties of triangles LESSON Lines and Quadrilaterals LESSON
21 Sep - 25 Sep	5	TEST 1 & REMEDIAL	Investigation
28 Sep - 02 Oct	6	7.3.1 Extending methods for calculating	Adding number lines LESSON Oak Academy - using adding on to find the difference Oak academy - using bar models to solve problems Oak Academy - mult & division as inverses
05 Oct - 09 Oct	7	7.11 Measuring space	Oak Academy - understanding area 1 Oak Academy - understanding area 2 Oak Academy - comparing areas Oak Academy - calculate areas of rectangles
12 Oct - 16 Oct	8	7.4 Division	Short division LESSON Chunking LESSON
19 Oct - 23 Oct		Half Term	
26 Oct - 30 Oct	9	7.5.1 Drawing 2D shapes BAM 6M1	Plans and Elevations LESSON Constructing triangles LESSON
02 Nov - 06 Nov	10	7.2.2 Estimating and checking	Estimating LESSON Rounding and accuracy LESSON
09 Nov - 13 Nov	11	7.7.1 Equivalent fractions	Oak Academy - identifying unit fractions Oak Academy - identifying other fractions Oak Academy - equivalent fractions 1 https://app.mymaths.co.uk/6029-lesson/modelling-equivalent-fractions
16 Nov - 20 Nov	12	7.1.2 Negative numbers	mymaths - introducing negative numbers mymaths - negative numbers in context https://app.mymaths.co.uk/47-lesson/negative-numbers-1

			https://app.mymaths.co.uk/48-lesson/negative-numbers-2
23 Nov - 27 Nov	13	TEST 2 & REMEDIAL	Travel plans INVESTIGATION
30 Nov - 04 Dec	14	7.1.3 Multiples and primes	mymaths - odds, evens, multiples Oak Academy - multiples and factors lesson Oak Academy - prime numbers lesson Times it out GAME
07 Dec - 11 Dec	15	7.3.2 Multistep problems	Oak Academy - developing strategies for solving problems Oak academy - multistep addition and subtraction problems Oak Academy - Problem solving with mutliplication
14 Dec - 18 Dec	16	7.9.1 Scaling and enlargement	Introduction to proportion LESSON Modelling ratio LESSON Simplifying ratio LESSON Dividing into a ratio LESSON
21 Dec - 25 Dec		Christmas	
28 Dec - 01 Jan		Christmas	
04 Jan - 08 Jan	17	7.3.3 Order of operations	Oak Academy - operations with equal priority Oak Academy - order of operations mymaths - Order of operations
11 Jan - 15 Jan	18	7.17 Presentation of data BAM 6M6 or 7M6	Sorting data into tables LESSON Introducing data LESSON Frequency tables LESSON
18 Jan - 22 Jan	19	7.7.2 Equivalent FDP	Fractions to decimals LESSON Frac dec perc LESSON 1 Frac dec perc LESSON 2
25 Jan - 29 Jan	20	7.13.2 Decimal calculations	Oak Academy - mult & div by 10
01 Feb - 05 Feb	21	7.5.2 3D shapes and nets	Nets and surface area LESSON
08 Feb - 12 Feb	22	7.8 Algebraic proficiency: using formulae	Simplifying LESSON Expanding single brackets LESSON
15 Feb - 19 Feb		Half term	
22 Feb - 26 Feb	23		
01 Mar - 05 Mar	24	7.15.1 Area & surface area	Defining Area LESSON Area and perimeter of rectangles LESSON Rectilinear shapes LESSON Exploring triangles and parallelograms LESSON
08 Mar - 12 Mar	25	7.13.1 Fraction calculations	Add and subtract fractions with the same denominator LESSON Add and subtract fractions with different denominators LESSON
15 Mar - 19 Mar	26	7.6.2 Investigate angles	Angles LESSON 1 Measuring angles LESSON
22 Mar - 26 Mar	27	7.10 Pattern sniffing	Sequences LESSON
29 Mar - 02 Apr		Easter	
05 Apr - 09 Apr		Easter	
12 Apr - 16 Apr	28	7.9.2 Sharing and grouping problems	
19 Apr - 23 Apr	29		
26 Apr - 30 Apr	30	7.18 Measuring data	Mean and mode LESSON Median and range LESSON

			All averages LESSON
03 May - 07 May	31	7.12 Investigating angles in polygons	Calculating missing angles LESSON
10 May - 14 May	32	7.16 Mathematical movement	
17 May - 21 May	33	7.13.3 Percentage calculations	Percentages LESSON Problem solving with percentages LESSON
24 May - 28 May	34	7.15.3 Volume	Volume and capacity LESSON Volume of a cuboid LESSON
31 May - 04 Jun		Half Term	
07 Jun - 11 Jun	35	Remedial work	
14 Jun - 18 Jun	36	Remedial work	
21 Jun - 25 Jun	37	REVISION & END OF YEAR TEST	
28 Jun - 02 Jul	38	Remedial work	
05 Jul - 09 Jul	39	End of term activities	