

Year 7 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	Transition Day	
31 Aug - 04 Sep	2	7.1.1 Factors and primes	Factors and Primes LESSON Oak Academy - Factors and Primes lesson Oak Academy - Prime factors lesson
07 Sep - 11 Sep	3	7.2.1 Place value & 1089	Place value 1 LESSON Place value 2 LESSON Very big numbers LESSON
14 Sep - 18 Sep	4	7.6 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	7.4.1 Comparing number	Decimal number lines LESSON Ordering decimals LESSON Introduction to negative numbers
05 Oct - 09 Oct	7	7.11.1 Measuring accurately	Comparing measures LESSON Measures LESSON Units of length LESSON
12 Oct - 16 Oct	8	7.2.2 Calculation methods	Short and long multiplication LESSON Word problems LESSON Mixed calculation GAMES – practice your mental maths skills!
19 Oct - 23 Oct		Half Term	
26 Oct - 30 Oct	9	7.5 Visualising & constructing (1) BAM 6M1	Plans and Elevations LESSON Constructing triangles LESSON
02 Nov - 06 Nov	10	7.2.3 Decimal calculations	Multiply decimals by 10, 100 LESSON Multiply decimals by a whole number LESSON Multiply two decimals LESSON
09 Nov - 13 Nov	11	7.7.1 Algebraic notation (1)	Oak Academy - Algebraic expressions lesson Oak Academy - Collecting like terms lesson Simplifying LESSON
16 Nov - 20 Nov	12	7.1.2 Multiples	Multiples LESSON Oak Academy - Common multiples lesson Times it out GAME

23 Nov - 27 Nov	13	TEST 2 & REMEDIAL	Travel plans INVESTIGATION
30 Nov - 04 Dec	14	7.4.2 Comparing fractions	Introducing fractions LESSON Modelling fractions LESSON Oak Academy - Comparing fractions 1 Oak Academy - Comparing fractions 2
07 Dec - 11 Dec	15	7.3 Checking, approximating and estimating	Estimating LESSON Rounding and accuracy LESSON
14 Dec - 18 Dec	16	7.9 Proportional reasoning (1)	Introduction to proportion LESSON Modelling ratio LESSON Simplifying ratio LESSON Oak Academy - Ratio lesson
21 Dec - 25 Dec		Christmas	
28 Dec - 01 Jan		Christmas	
04 Jan - 08 Jan	17	7.2.4 Order of operations	Oak Academy - Order of operations lessons Order of operations LESSON
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	7.11.2 Time and timetables	You should choose your lessons on time based on how confident you feel. Understanding time LESSON Telling the time LESSON Time between LESSON Telling the time LESSON 2 12 and 24 hour clock LESSON Using timetables LESSON
25 Jan - 29 Jan	20	7.16.1 Coordinates & Lines	Positive coordinates LESSON Coordinates in 4 quadrants LESSON Plotting graphs LESSON 1 Plotting graphs LESSON 2
01 Feb - 05 Feb	21	7.1.3 Powers & roots	Square and triangular numbers LESSON Squares, cubes and roots LESSON Higher powers LESSON
08 Feb - 12 Feb	22	7.7.1 Algebraic notation (2)	Simplifying LESSON Oak Academy - Expanding brackets lessons
15 Feb - 19 Feb		Half term	
22 Feb - 26 Feb	23	7.15.1 Area & surface area	Oak Academy - Area lessons
01 Mar - 05 Mar	24		
08 Mar - 12 Mar	25	7.13.1 Add & Subtract fractions	Oak Academy - adding and subtracting fractions 1 Oak Academy - adding and subtracting fractions 2 Oak Academy - adding and subtracting fractions 3
15 Mar - 19 Mar	26	7.16.2 Transformations	Oak Academy - Transforming 2D shapes lessons
22 Mar - 26 Mar	27	7.10 Pattern sniffing	Oak Academy - number grid sequences lesson Sequences LESSON
29 Mar - 02 Apr		Easter	
05 Apr - 09 Apr		Easter	
12 Apr - 16 Apr	28	7.7.2 Exploring functions	Function machine LESSON Rules and formulae LESSON

			Substitution LESSON
19 Apr - 23 Apr	29	7.12 Investigating angles (1)	Angles LESSON 1
26 Apr - 30 Apr	30		Measuring angles LESSON Calculating missing angles LESSON
03 May - 07 May	31	7.8 Exploring FDP	Fractions to decimals LESSON Frac dec perc LESSON 1 Frac dec perc LESSON 2
10 May - 14 May	32	7.14 Solving equations	Solving one step equations LESSON
17 May - 21 May	33		Solving two step equations LESSON Solving equations GAME
24 May - 28 May	34	7.13.3 Percentage increase & decrease	Percentage of an amount LESSON Percentage increase LESSON Percentage decrease LESSON
31 May - 04 Jun		Half Term	
07 Jun - 11 Jun	35	7.18.1 Averages & 7.18.2 Analysing data	Mean and mode LESSON Median and range LESSON All averages LESSON Line graphs and two way tables LESSON Stem and leaf diagrams LESSON
14 Jun - 18 Jun	36	7.13.4 Comparing with %'s/ % change	Percentages LESSON Problem solving with percentages LESSON
21 Jun - 25 Jun	37	REVISION & END OF YEAR TEST	Nets and surface area LESSON
28 Jun - 02 Jul	38	7.15.3 Volume	Volume and capacity LESSON Volume of a cuboid LESSON
05 Jul - 09 Jul	39	FLEXI	