



Mathematics ELK Sessions Schedule 2020

Students required to attend any sessions will be advised in advance by their maths teacher. (Others also welcome)

Day/Date	Time	Topic (bold higher , non bold foundation)	Tier	Staff	Room
Session 1 Tuesday 7 th Jan 2020	3.10pm – 3.50pm	Money problems with percentages of amounts, % increase and working backwards to find the original amount. Rules of indices including negative and fractional powers.	Foundation Higher	SMI/CRB CRO/SLE	27/29 26/23
	3.50pm – 4.30pm				
Session 2 Tuesday 14 th Jan 2020	3.10pm – 3.50pm	Product of prime factors inc HCF/LCM. Drawing and using cumulative frequency graphs.	Foundation Higher	SMI/CRB CRO/NCO	27/29 26/28
	3.50pm – 4.30pm				
Session 3 Tuesday 21 st Jan 2020	3.10pm – 3.50pm	Addition, Subtraction and division and multiplication of fractions. More complex ratio problems.	Foundation Higher	SMI/CRB CRO/SLE	27/29 26/23
	3.50pm – 4.30pm				
Session 4 Tuesday 28 th Jan 2020	3.10pm – 3.50pm	Single multipliers, Simple and Compound interest and one number as percentage of another. Completing probability tree diagrams and using them to solve problems using and/or rule inc understanding of 'at least' and non replacement.	Foundation Higher	SMI/CRB CRO/NCO	27/29 26/28
	3.50pm – 4.30pm				
Session 5 Tuesday 4 th Feb 2020	3.10pm – 3.50pm	Problems involving Equations of a line and parallel lines. Construction and Loci Problems	Foundation Higher	SMI/CRB CRO/SLE	27/29 26/23
	3.50pm – 4.30pm				
Session 6 Tuesday 11 th Feb 2020	3.10pm – 3.30pm	Averages from frequency/grouped frequency tables and comparing data. Completing the Square and turning points	Foundation Higher	SMI/CRB CRO/NCO	27/29 26/28
	3.50pm – 4.30pm				
HALF TERM					

Continued....



Mathematics ELK Sessions Schedule 2019-2020

Students required to attend any sessions will be advised in advance by their maths teacher. (Others also welcome)

HALF TERM					
Session 7 Tuesday 25 th Feb 2020	3.10pm – 3.50pm	Algebra Factorising into a single barcket, Algebra expanding double brackets and solving equations with double brackets (=0) Know and solve problems involving circle theorems.	Foundation	SMI/CRB	27/29
	3.50pm – 4.30pm		Higher	CRO/SLE	26/23
Session 8 Tuesday 3 rd March 2020	3.10pm – 3.50pm	Speed distance time calculations inc km/h to m/s Plotting quadratic graphs and using to solve equations such as $x^2 + 2x - 3 = x - 1$ graphically.	Foundation	SMI/CRB	27/29
	3.50pm – 4.30pm		Higher	CRO/NCO	26/28
Session 9 Tuesday 10 th March 2020	3.10pm – 3.50pm	Geometrical problems, triangles, quadrilaterals and parallel lines. Histograms and related problems	Foundation	SMI/CRB	27/29
	3.50pm – 4.30pm		Higher	CRO/SLE	26/23
Session 10 Tuesday 17 th March 2020	3.10pm – 3.50pm	Solving equations and using/substituting into formula Volume and Area scale factors (similarity)	Foundation	SMI/CRB	27/29
	3.50pm – 4.30pm		Higher	CRO/NCO	26/28