Year 10 Maths Foundation tier EoY Exam Revision List

Dear Parents and Carers,

Find attached the revision lists for your son's end of year exams. I have included the clip numbers for Sparx Maths. Your son needs to go through each list and RAG rate the topics to help him identify the priority areas for his revision. If you have any questions, please email me at msegbafah@ernestbevin.london or contact your son's Maths teacher.

This revision list as a **guide** and is not an exhaustive list of every question on the test, but covers all of the key skills needed for the test. Your son should do the following below;

RAG each topic and start with his **RED** ones. **Watch** the videos and complete the **quizzes.**

Re-watch the video if necessary and complete a **'building block' to gain confidence**.

Use link https://support.sparx.co.uk/docs/independent-learning to guide his Sparx independent revision.

Paper 1 Non-calculator(foundation)	Sparx clips	RAG	Paper 2 Calculator(foundation)	Sparx clips	RAG
Ordering decimals	U478		Read and write positive integers	U600	
Convert decimal to percentage	U888		Square numbers, odd numbers	U851	
List factors	U211		Converting mass	U388	
Round to the nearest 1000	U480		Converting length	U388	
Calculate using BIDMAS	U976		Square and cube roots		
Apply positive indices to integers	100		Convert decimals to fractions	U888	
Understand rules of BIDMAS	U976		Compare fractions	U746	
Solve fraction of amount problem	U881		Collecting like terms	U105	
Draw pictogram	U506		Simplifying expressions involving multiplication	U613	
Write coordinates of given point	U789		Scale diagrams	U257	
Plot coordinate on grid	U789		Linear sequences (nth term)	U498	
Draw vertical linear graph	U741		Linear and geometric sequences (term-to-term rule)	U213, U958	
Substitute into an expression	U201		Number machines		
Find prime numbers with given sum	U236		Number machines		
Recognise equivalent fractions	U704		Find percentages of amounts	U349	
Add fractions	U736		Probability of single events	U510	
Interpret intercept from real-life linear graph	U638		Area and perimeter of a square	U993	
Read from real-life graph	U638		Area problem solving	U424, U945	
Write a ratio from worded problem	U687		Probability of single events	U408	
Angle properties of kite	U121, U390, U732		Probability of more than one event	U408	
Solve ratio ingredients problem	U721		Probability of more than one event	U408	
Solve ratio ingredients problem	U721		Simple interest	U533	
Compare two fractions	U746		Find error in graph	U590	
Complete frequency tree	U280		Interpret trend in graph	U590	
Find probability from frequency tree	U280		Decimal problem solving	U868	

Best buy using percentages	U721		Percentage increase	U671	
Apply rules of indices	U694		Percentage decrease	U671	
Substitute into a formula	U585		Solve 2-step equations (involving multiplication)	U325	
Change the subject of a formula	U556		Factorise simple expressions	U365	
Solve percentage problem	U554		Displaying sets in Venn diagrams		
Solve capacity flow rate problem	U357		Calculating probability from a Venn diagram	U476, U748	
State assumption about flow rate	U357		Scatter diagrams	U199	
Estimation with Speed, distance, time	U151		Use angle facts to solve problems	U390, U826, U628	
Understand effect of estimation	U225		Compound interest	U332	
Linear simultaneous equations	U760		Area of a trapezium, money (problem solving)	U265, U293	
Area of parts of circle	U950		Gradient, solve 2-step equations	U315, U505	
Complete probability tree diagram	U558		Expand double brackets	U768	
Find probability from tree diagram	U558		Factorise quadratic expressions	U178	
Interior and exterior angle of polygon problem	U427		Change from ordinary to standard form	U330	
			Change from standard form to an ordinary number	U330	
			Standard form calculations	U330, U534	

Useful Websites

www.mathsgenie.co.uk   www.corbettmaths.com

www.sparxmaths.com