

# The Elms Academy Reflection room work

## Year 10H – Maths

**IMPORTANT:** Your class may be moving slower or quicker than this schedule. Check your maths book for the most recent topic you are learning.

Your Sparx level is chosen automatically for you.

Link for all codes: [Sparx Maths](#)

WB	Lesson	Key content	Sparx Code	UL Video Lesson
22 <sup>nd</sup> April	Standard form	Using standard form with positive indices Using standard form with negative indices	U330 U534	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111891">https://curriculum.unitedlearning.org.uk/Pupil?r=111891</a>
		Adding and subtracting with standard form	U290	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111894">https://curriculum.unitedlearning.org.uk/Pupil?r=111894</a>
		Multiplying and dividing with standard form	U264	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111892">https://curriculum.unitedlearning.org.uk/Pupil?r=111892</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111893">https://curriculum.unitedlearning.org.uk/Pupil?r=111893</a>
		Standard form with a calculator	U161	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111895">https://curriculum.unitedlearning.org.uk/Pupil?r=111895</a>
28 <sup>th</sup> April	Compound interest	Percentage change with a calculator	U671	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111899">https://curriculum.unitedlearning.org.uk/Pupil?r=111899</a>
		Compound interest	U332	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111900">https://curriculum.unitedlearning.org.uk/Pupil?r=111900</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111901">https://curriculum.unitedlearning.org.uk/Pupil?r=111901</a>
		Growth and decay	U988	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111902">https://curriculum.unitedlearning.org.uk/Pupil?r=111902</a>
05 <sup>th</sup> May	Ratio	Problem solving with ratio (higher)	U595	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112059">https://curriculum.unitedlearning.org.uk/Pupil?r=112059</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112060">https://curriculum.unitedlearning.org.uk/Pupil?r=112060</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112061">https://curriculum.unitedlearning.org.uk/Pupil?r=112061</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112062">https://curriculum.unitedlearning.org.uk/Pupil?r=112062</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112063">https://curriculum.unitedlearning.org.uk/Pupil?r=112063</a>
		Calculating with ratios and algebra	U676	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112064">https://curriculum.unitedlearning.org.uk/Pupil?r=112064</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112065">https://curriculum.unitedlearning.org.uk/Pupil?r=112065</a>
		Changing ratios	U865	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112062">https://curriculum.unitedlearning.org.uk/Pupil?r=112062</a>
		Understanding similarity	U551	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112105">https://curriculum.unitedlearning.org.uk/Pupil?r=112105</a>
		Finding unknown sides in similar shapes	U578	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112106">https://curriculum.unitedlearning.org.uk/Pupil?r=112106</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112107">https://curriculum.unitedlearning.org.uk/Pupil?r=112107</a>
12 <sup>th</sup> May	Similar Shapes	Finding perimeter and area of similar shapes	U630	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112108">https://curriculum.unitedlearning.org.uk/Pupil?r=112108</a>
		Finding the surface area and volume of similar shapes	U110	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112109">https://curriculum.unitedlearning.org.uk/Pupil?r=112109</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112110">https://curriculum.unitedlearning.org.uk/Pupil?r=112110</a>
		Capture recapture	U328	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112034">https://curriculum.unitedlearning.org.uk/Pupil?r=112034</a>
		Constructing direct proportion equations	U407	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112040">https://curriculum.unitedlearning.org.uk/Pupil?r=112040</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112041">https://curriculum.unitedlearning.org.uk/Pupil?r=112041</a>
19 <sup>th</sup> May	Algebraic proportion	Constructing inverse proportion equations	U138	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112042">https://curriculum.unitedlearning.org.uk/Pupil?r=112042</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112043">https://curriculum.unitedlearning.org.uk/Pupil?r=112043</a>
		Solving proportion worded problems	U721 U357	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112044">https://curriculum.unitedlearning.org.uk/Pupil?r=112044</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112045">https://curriculum.unitedlearning.org.uk/Pupil?r=112045</a>
26 <sup>th</sup> May		<b>H a l f - t e</b>		

		<b>r m</b>		
2 <sup>nd</sup> June	Surds	Simplifying Surds	U338	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112084">https://curriculum.unitedlearning.org.uk/Pupil?r=112084</a>
		Arithmetic with Surds	U872, U633	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112085">https://curriculum.unitedlearning.org.uk/Pupil?r=112085</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112086">https://curriculum.unitedlearning.org.uk/Pupil?r=112086</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112087">https://curriculum.unitedlearning.org.uk/Pupil?r=112087</a>
		Expanding brackets with surds	U499	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112088">https://curriculum.unitedlearning.org.uk/Pupil?r=112088</a>
		Rationalising the denominator	U707, U281	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112089">https://curriculum.unitedlearning.org.uk/Pupil?r=112089</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112090">https://curriculum.unitedlearning.org.uk/Pupil?r=112090</a>
09 <sup>th</sup> May	Trigonometry	Understanding sin, cos and tan	U605	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112096">https://curriculum.unitedlearning.org.uk/Pupil?r=112096</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112097">https://curriculum.unitedlearning.org.uk/Pupil?r=112097</a>
		Finding unknown sides	U283	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112098">https://curriculum.unitedlearning.org.uk/Pupil?r=112098</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112099">https://curriculum.unitedlearning.org.uk/Pupil?r=112099</a>
		Finding unknown angles	U545	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112100">https://curriculum.unitedlearning.org.uk/Pupil?r=112100</a>
16 <sup>th</sup> May	Bounds	Error intervals	U657	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112092">https://curriculum.unitedlearning.org.uk/Pupil?r=112092</a>
		Finding error intervals for calculations	U587	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112093">https://curriculum.unitedlearning.org.uk/Pupil?r=112093</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112094">https://curriculum.unitedlearning.org.uk/Pupil?r=112094</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112095">https://curriculum.unitedlearning.org.uk/Pupil?r=112095</a>
23 <sup>rd</sup> May	Bearings and Scale drawings	Drawing and interpreting scale diagrams	U257	<a href="#">Checking and securing understanding of scaled drawings Higher KS4   Y10 Maths Lesson Resources   Oak National Academy</a>
		Measuring and drawing bearings	U525	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111950">https://curriculum.unitedlearning.org.uk/Pupil?r=111950</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111951">https://curriculum.unitedlearning.org.uk/Pupil?r=111951</a>
		Calculating bearings	U107	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=111952">https://curriculum.unitedlearning.org.uk/Pupil?r=111952</a>
30 <sup>th</sup> May	Transformations	Symmetry	U849	No UL Video Lesson available, please use Sparx
		Rotation	U696	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112160">https://curriculum.unitedlearning.org.uk/Pupil?r=112160</a>
		Reflection	U799	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112159">https://curriculum.unitedlearning.org.uk/Pupil?r=112159</a>
		Translation	U196	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112161">https://curriculum.unitedlearning.org.uk/Pupil?r=112161</a>
07 <sup>th</sup> July	Transformations	Enlargement by positive scale factor	U519	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112162">https://curriculum.unitedlearning.org.uk/Pupil?r=112162</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112163">https://curriculum.unitedlearning.org.uk/Pupil?r=112163</a> <a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112164">https://curriculum.unitedlearning.org.uk/Pupil?r=112164</a>
		Enlargement by a negative scale factor	U134	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112166">https://curriculum.unitedlearning.org.uk/Pupil?r=112166</a>
		Combining transformations	U766	<a href="https://curriculum.unitedlearning.org.uk/Pupil?r=112165">https://curriculum.unitedlearning.org.uk/Pupil?r=112165</a>
21 <sup>st</sup> July	<b>S u m m e r h o l i d a y s</b>			

