

## Liskeard School Year & Maths - Summer Term Knowledge Organiser

Enter these SPARX codes into the Independent Learning area on SPARX to generate questions to help you revise and consolidate your learning.

Number 3 (Standard Form)	SPARX CODE	Shape 1 (Area of trapezia & circles) continued	SPARX CODE
Powers of 10 and number greater than 10		Perimeter and area of compound shapes	M269 M996
Negative powers of 10 & numbers between 0 & 1		Area of a circle (in terms of pi)	
Compare numbers written in standard form	M719	Area of a circle (calculator)	M231
Mental calculations with numbers in standard form.		Area of parts of a circle.	M430
Operations with standard form	U290 U264	(Higher) Area & perimeter of compound shapes involving circles	
Using a calculator to work with numbers in standard form		Statistics 2 (Measures of location	
(H) Negative indices	M678 U534	Mean, median & mode	M940 M934 M841
Geometry 3 (Angles in parallel lines & polygons)		Choose the most appropriate average	
Angles in parallel lines – transversal, vertically opposite, alternate, co-interior & corresponding.	M606	Mean from ungrouped frequency tables	M127
Properties of special quadrilaterals	M393	Mean from grouped frequency tables	M287
Interior & Exterior angles	M653 U427	Identify outliers & compare distributions	
Shape 1 (Area of trapezia & circles)		Geometry 4 (Line symmetry & reflection)	
Areas of rectangles, triangles, parallelograms (Y7 recap)	Q 170 M610 M291	Line symmetry	M523
Area of a trapezium	M705	Reflect a shape in vertical & horizontal lines	
		Reflect a shape in a diagonal line	

SPARX codes beginning with an M = Key Stage 3 content, Q = Fundamentals and U = GCSE content. You will need to ensure that you choose the correct curriculum from the drop-down menu in 'Independent Learning' on SPARX.