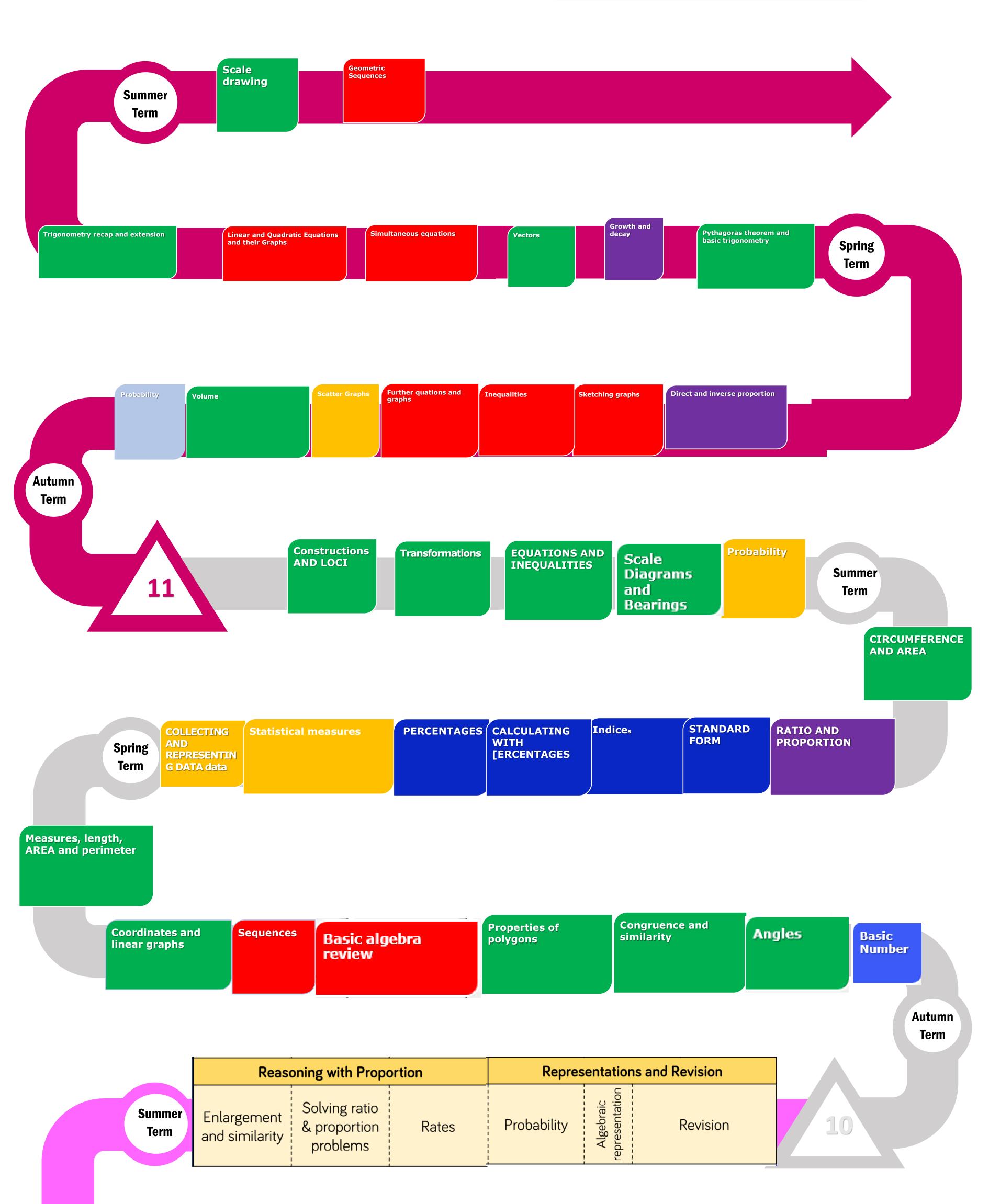
Learning Journey Map For mathematics year 10 Foundation 2022





Reasoning with Geometry

Reasoning with Number

Deduction	Rotation and translation	Numbers	Using percentages	Maths and money	Spring Term	
			•			

Rea	soning with Alg	ebra	Constructing in 2 and 3 Dimensions			
Straight line graphs	Forming and solving equations	Testing conjectures	Three-dimensional shapes	Constructions and congruency		



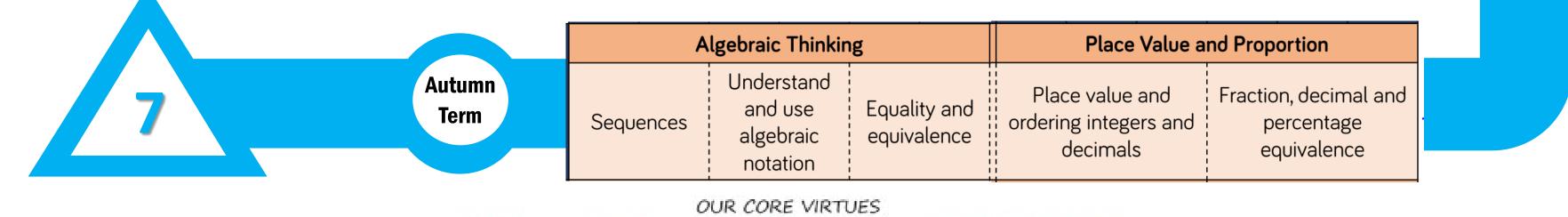
	Reasoning with Da	Developing					
9	The data handling cycle	Measures of location	Angles in parallel lines and polygons	Area of trapezia and circles	Line symmetry and reflection	Summer Term	

	Algebraic techniques	S	Developing Number			
Spring Term	Brackets, equations and inequalities	Sequences	Fractions and percentages	Standard index form	Number sense	

Representations			Pro	portional Reason	ning		
Working in the Cartesian plane	Representing data	Tables & Probability	Ratio and scale	Multiplicative change	Multiplying and dividing fractions	Autumn Term	8

	Lines an	d Angles	Reasoning with Number			
Summer Term	Constructing, measuring and using geometric notation	Developing geometric reasoning	Developing number sense	Sets and probability	Prime numbers and proof	

Fractional Thinking	Directed Number	Арр	lications of Number			
Addition and subtraction of fractions	Four operations with directed number	Solving problems with addition & subtraction	Solving problems with multiplication and division	Fractions & percentages of amounts	Spring Term	







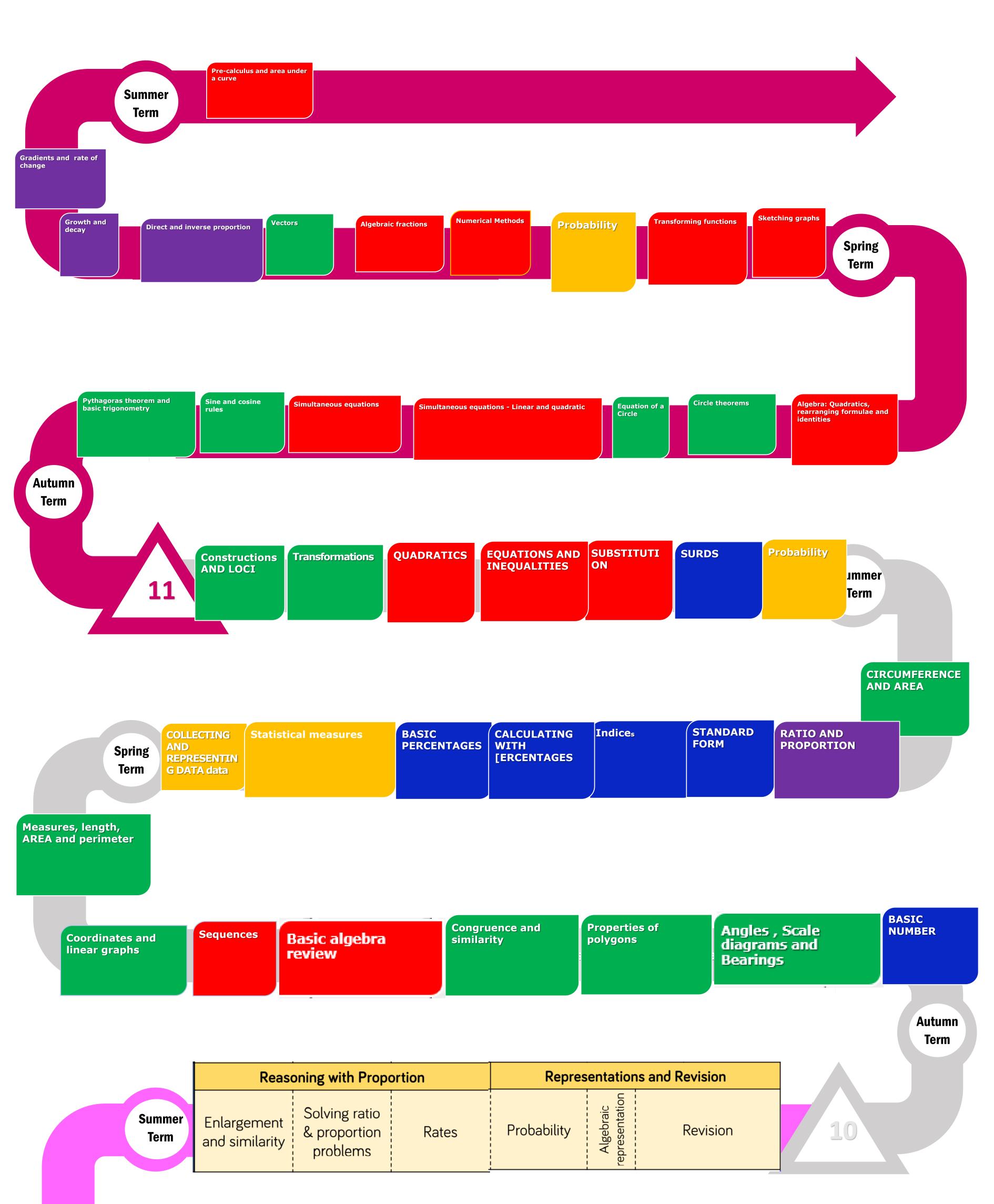
Achieving dreams



Awakening minds

Learning Journey Map For mathematics year 10 Higher 2022





Reasoning with Geometry

Reasoning with Number

Deduction	Rotation and translation	Pythagoras' Theorem	Numbers	Using percentages	Maths and money	Spring Term	

Rea	soning with Alg	ebra	Constructing in 2 and 3 Dimensions			
Straight line graphs	Forming and solving equations	Testing conjectures	Three-dimensional shapes	Constructions and congruency		



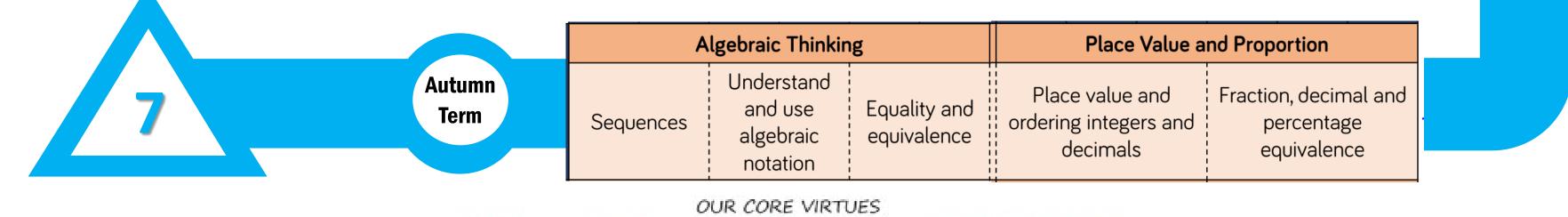
	Reasoning with Data		Developing	Developing Geometry			
9	The data handling cycle	Measures of location	Angles in parallel lines and polygons	Area of trapezia and circles	Line symmetry and reflection	Summer Term	

	Algebraic technic	Developing Number			
Spring Term	Brackets, equations and inequalities	Sequences Indices	Fractions and percentages	Standard index form	Number sense

Representations			Pro	portional Reason	ning		
Working in the Cartesian plane	Representing data	Tables & Probability	Ratio and scale	Multiplicative change	Multiplying and dividing fractions	Autumn Term	8

	Lines an	d Angles	Reasoning with Number			
Summer Term	Constructing, measuring and using geometric notation	Developing geometric reasoning	Developing number sense	Sets and probability	Prime numbers and proof	

Fractional Thinking	Directed Number	Арр	lications of Number			
Addition and subtraction of fractions	Four operations with directed number	Solving problems with addition & subtraction	Solving problems with multiplication and division	Fractions & percentages of amounts	Spring Term	







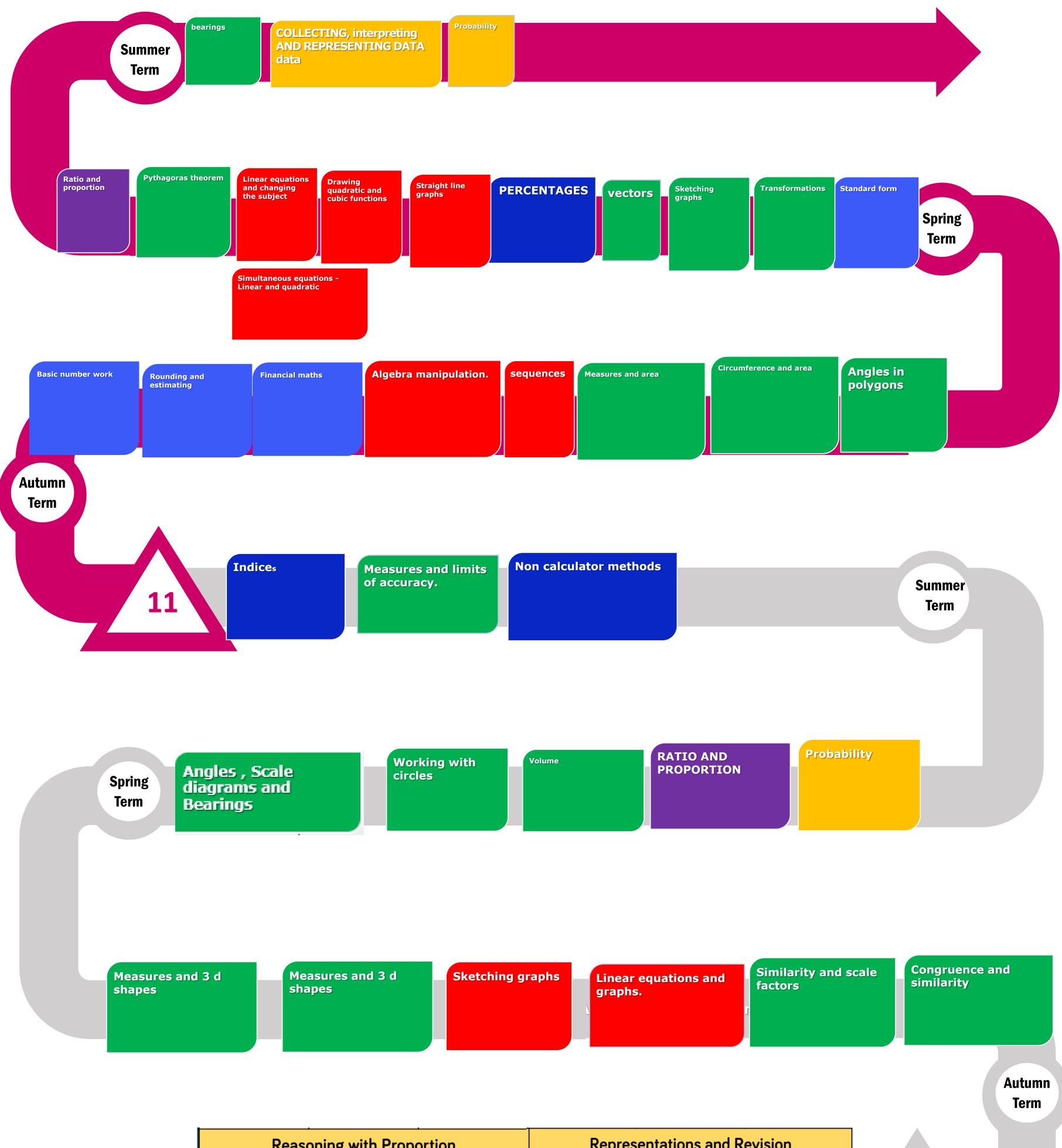
Achieving dreams



Awakening minds

Learning Journey Map For mathematics year 11FOUNDATION 2022





	Rease	oning with Prope	ortion	Repres	sentation	ns and Revision	
Summer Term	Enlargement and similarity	Solving ratio & proportion problems	Rates	Probability	Algebraic representation	Revision	10

Reasoning with Geometry

Reasoning with Number

Deduction	Rotation and translation	Pythagoras' Theorem	Numbers	Using percentages	Maths and money	Spring Term	

Rea	soning with Alg	ebra	Constructing in 2 and 3 Dimensions			
Straight line graphs	Forming and solving equations	Testing conjectures	Three-dimensional shapes	Constructions and congruency		



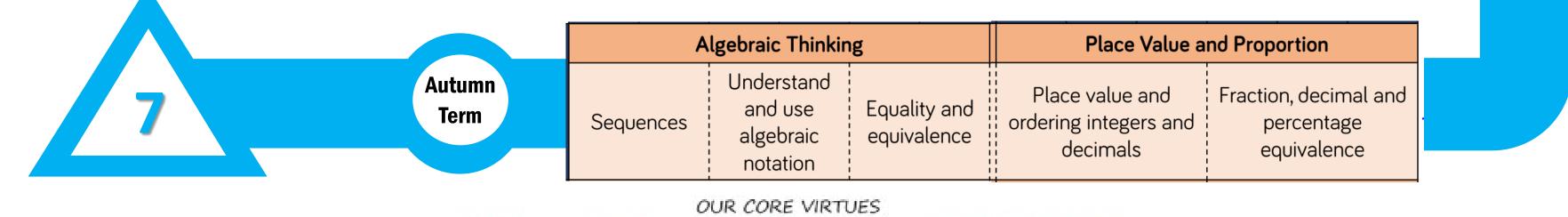
Reasoning with Da	Developing					
The data handling cycle	Measures of location	Angles in parallel lines and polygons	Area of trapezia and circles	Line symmetry and reflection	Summer Term	

	Algebraic technic	Developing Number			
Spring Term	Brackets, equations and inequalities	Sequences Indices	Fractions and percentages	Standard index form	Number sense

Representations			Pro	portional Reason			
Working in the Cartesian plane	Representing data	Tables & Probability	Ratio and scale	Multiplicative change	Multiplying and dividing fractions	Autumn Term	8

	Lines an	d Angles	Reasoning with Number			
Summer Term	Constructing, measuring and using geometric notation	Developing geometric reasoning	Developing number sense	Sets and probability	Prime numbers and proof	

Fractional Thinking	Directed Number	Арр	lications of Number			
Addition and subtraction of fractions	Four operations with directed number	Solving problems with addition & subtraction	Solving problems with multiplication and division	Fractions & percentages of amounts	Spring Term	







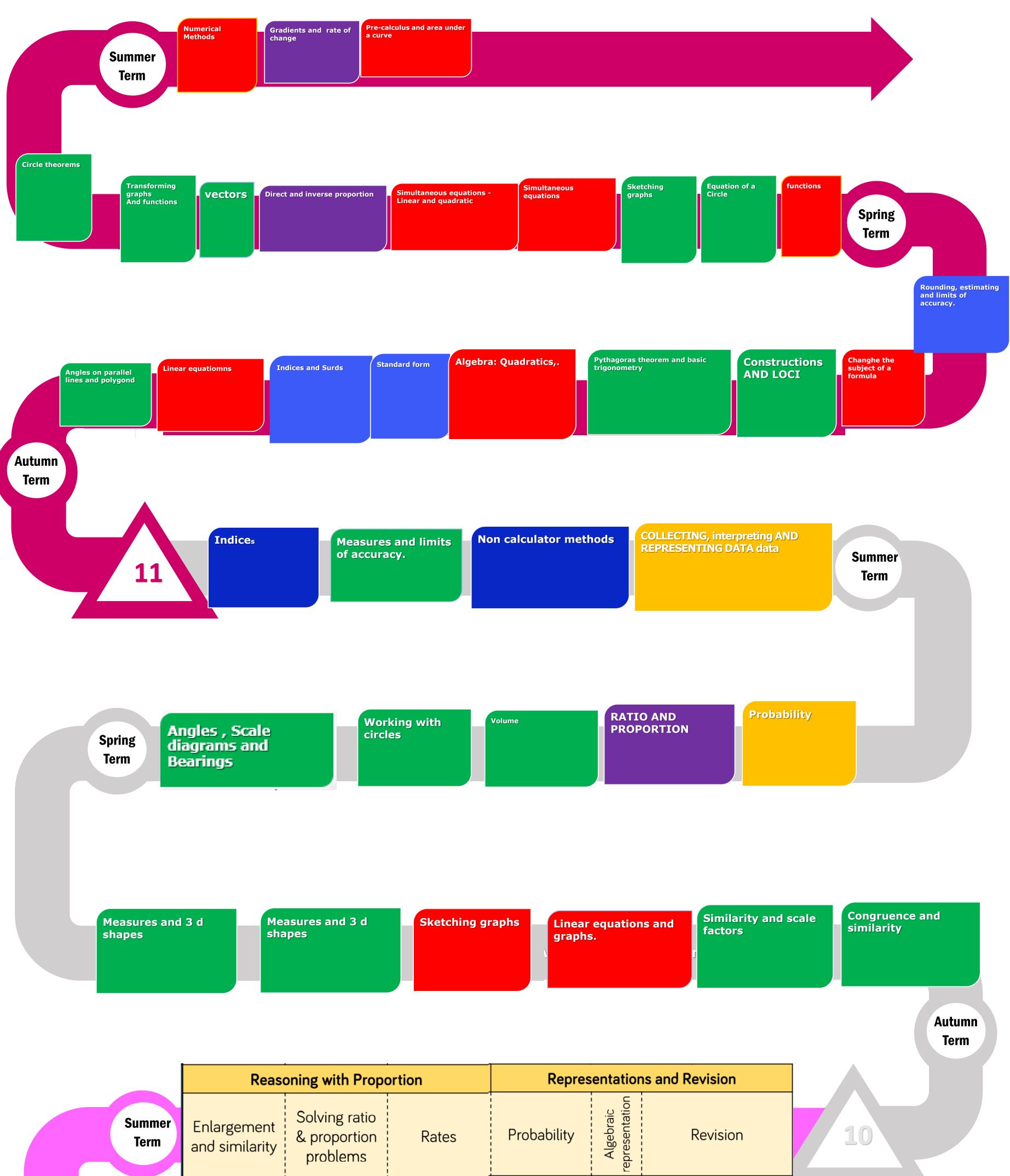
Achieving dreams



Awakening minds

Learning Journey Map For mathematics year 11 **Higher 2022**





Reasoning with Geometry

problems

Reasoning with Number

Deduction	Rotation and translation	Pythagoras' Theorem	Numbers	Using percentages	Maths and money	Spring Term	

Rea	soning with Alg	ebra	Constructing in 2 and 3 Dimensions			
Straight line graphs	Forming and solving equations	Testing conjectures	Three-dimensional shapes	Constructions and congruency		



9

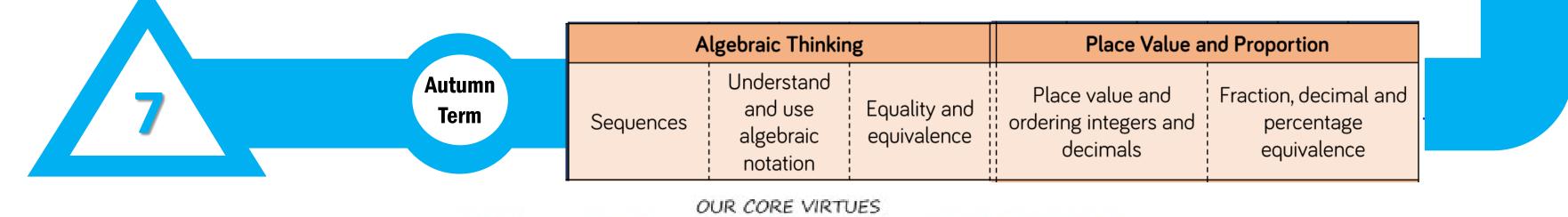
Reasoning with Data		Developing				
The data handling cycle	Measures of location	Angles in parallel lines and polygons	Area of trapezia and circles	Line symmetry and reflection	Summer Term	

	Algebraic technique	Developing Number			
Spring Term	Brackets, equations and inequalities	Sequences	Fractions and percentages	Standard index form	Number sense

Representations			Proportional Reasoning				
Working in the Cartesian plane	Representing data	Tables & Probability	Ratio and scale	Multiplicative change	Multiplying and dividing fractions	Autumn Term	8

	Lines an	Reasoning with Number			
Summer Term	Constructing, measuring and using geometric notation	Developing geometric reasoning	Developing number sense	Sets and probability	Prime numbers and proof

Fractional Thinking	Directed Number Applications of Number					
Addition and subtraction of fractions	Four operations with directed number	Solving problems with addition & subtraction	Solving problems with multiplication and division	Fractions & percentages of amounts	Spring Term	







Achieving dreams



Awakening minds