

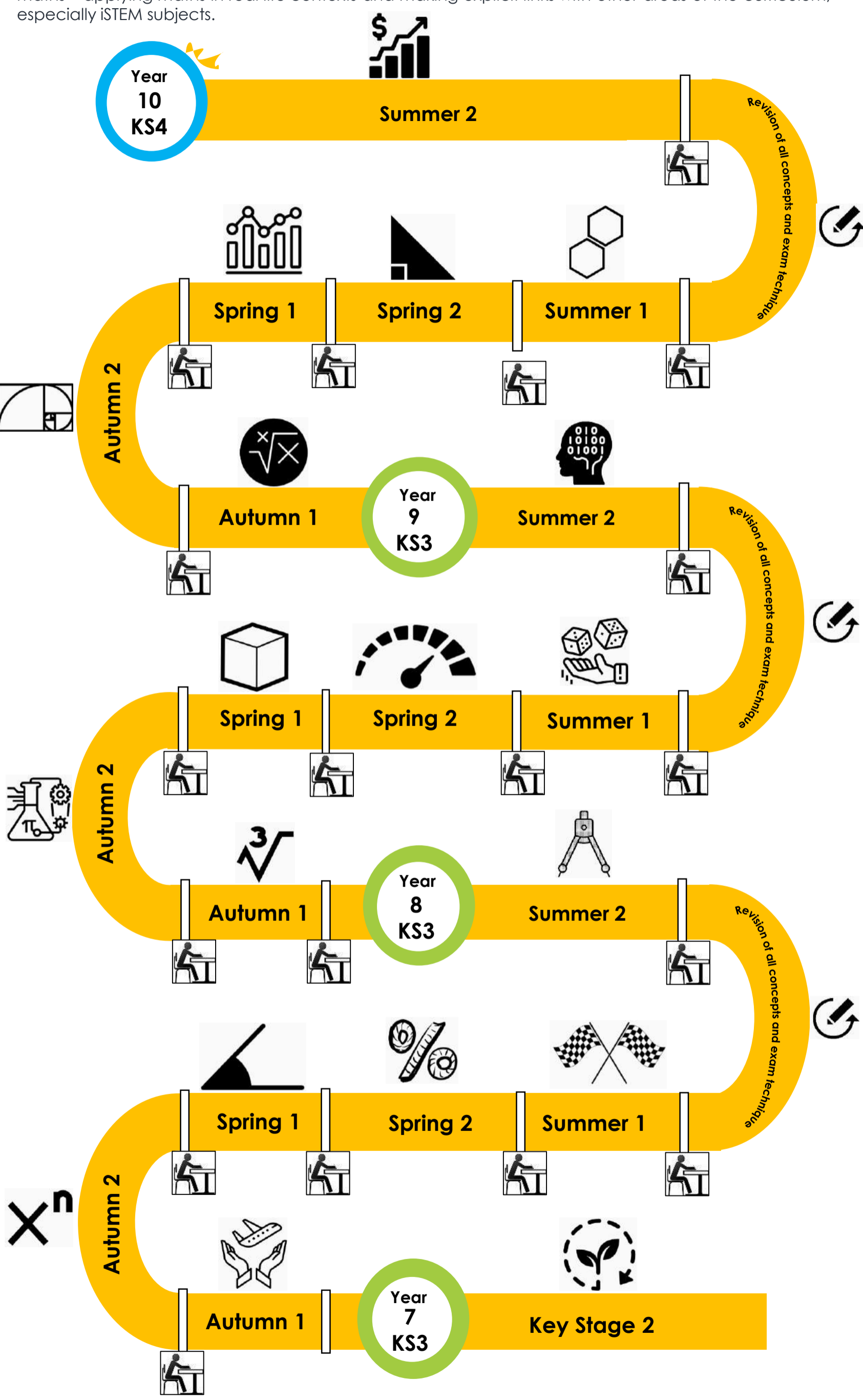
# KS3 Mathematics Learning Journey

**Curriculum intent:** We understand that maths is about thinking creatively, exploring possibilities and coming to coherent, carefully reasoned solutions to intriguing and practical problems. It is about fluency; confidently and accurately manipulating numbers based on a clear understanding of number laws and patterns. Maths is essential to everyday life and, of course, to employment. We therefore have a strong focus on functional maths – applying maths in real life contexts and making explicit links with other areas of the curriculum, especially iSTEM subjects.



## Legend

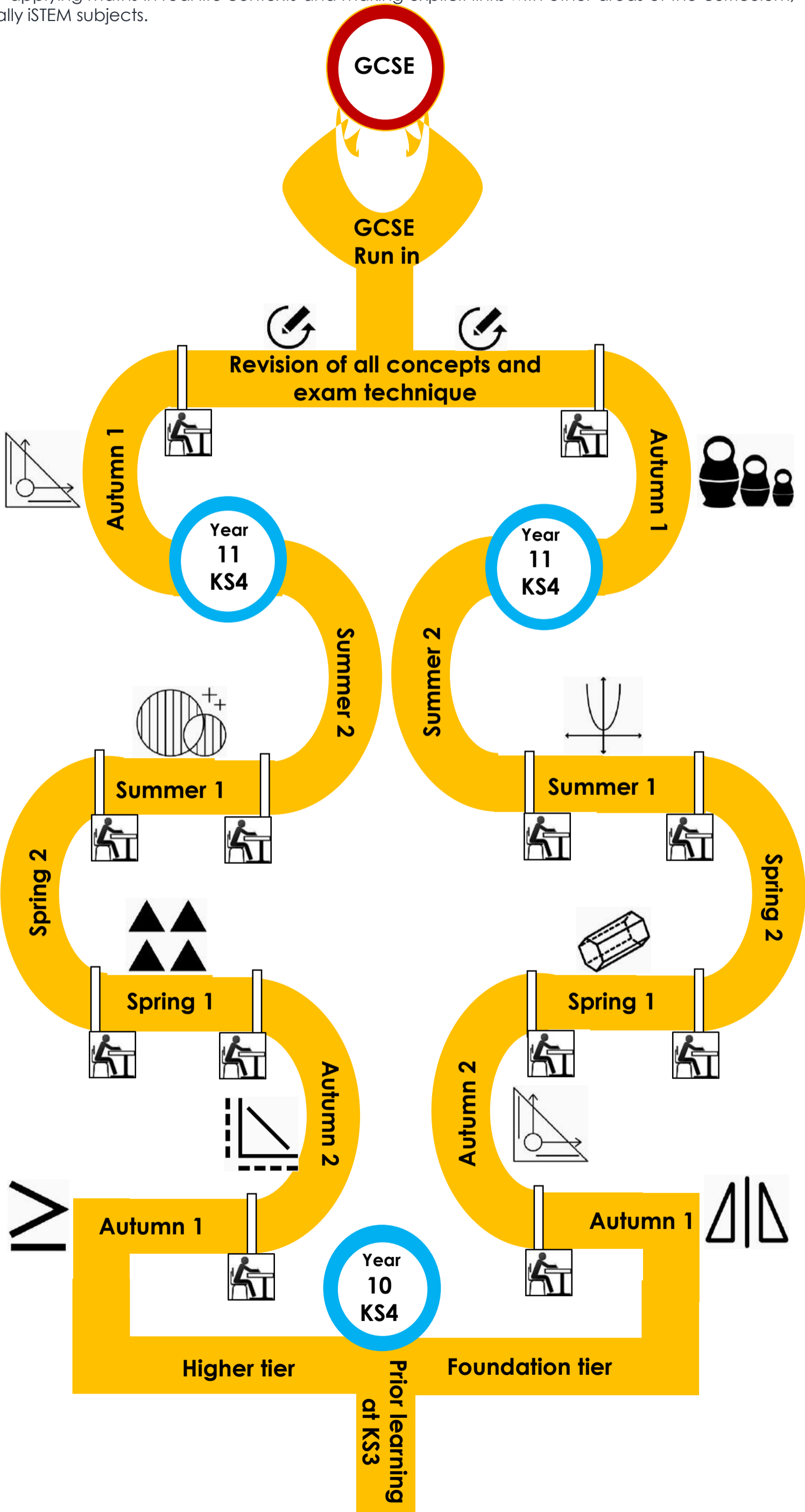
	Retrieval practice
	Assessment
	Transition project
	First flight
$X^n$	Algebra 1
	Geometry 1
	Ratio and proportionality 1
	Statistics 1
	Constructions – Architecture
$\sqrt[3]{\quad}$	Number
	Algebra 2
	Geometry 2
	Ratio and proportionality 2
	Probability
	Binary
	Further number
	Algebra 3
	Statistics 3
	Ratio and proportionality 3
	Geometry 3
	Finance



Much more than...

# KS4 Mathematics Learning Journey

**Curriculum intent:** We understand that maths is about thinking creatively, exploring possibilities and coming to coherent, carefully reasoned solutions to intriguing and practical problems. It is about fluency; confidently and accurately manipulating numbers based on a clear understanding of number laws and patterns. Maths is essential to everyday life and, of course, to employment. We therefore have a strong focus on functional maths – applying maths in real life contexts and making explicit links with other areas of the curriculum, especially iSTEM subjects.



## Legend

	Retrieval practice
	Assessment
	Equations and inequalities
	Multiplicative reasoning
	Similarity and congruence
	Graphs
	Circle theorems
	Trigonometry

	Transformations
	Multiplicative reasoning
	Geometry and measures
	Trigonometry
	Quadratic graphs
	Similarity and congruence

Much more than...