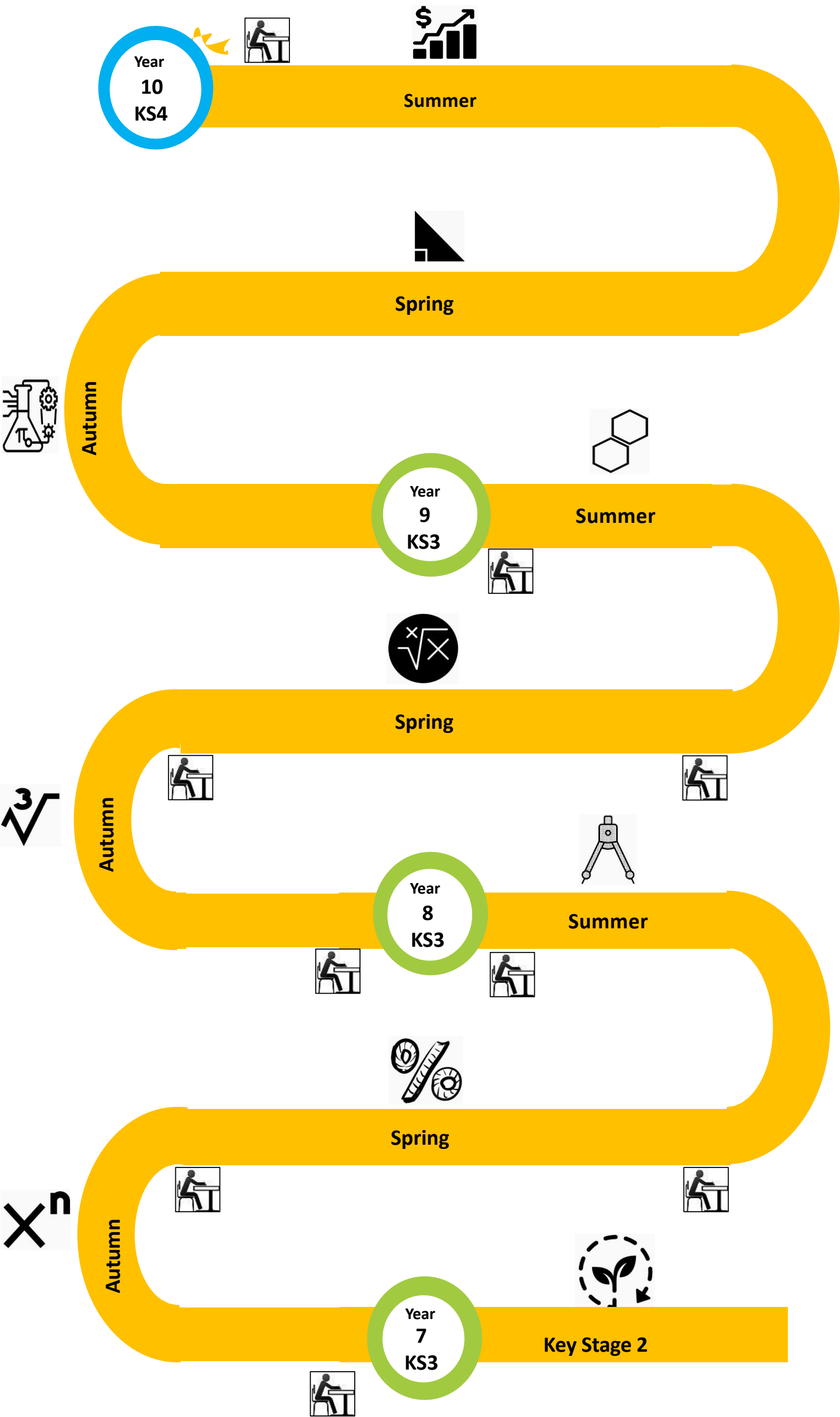


KS3 Mathematics Learning Journey

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.

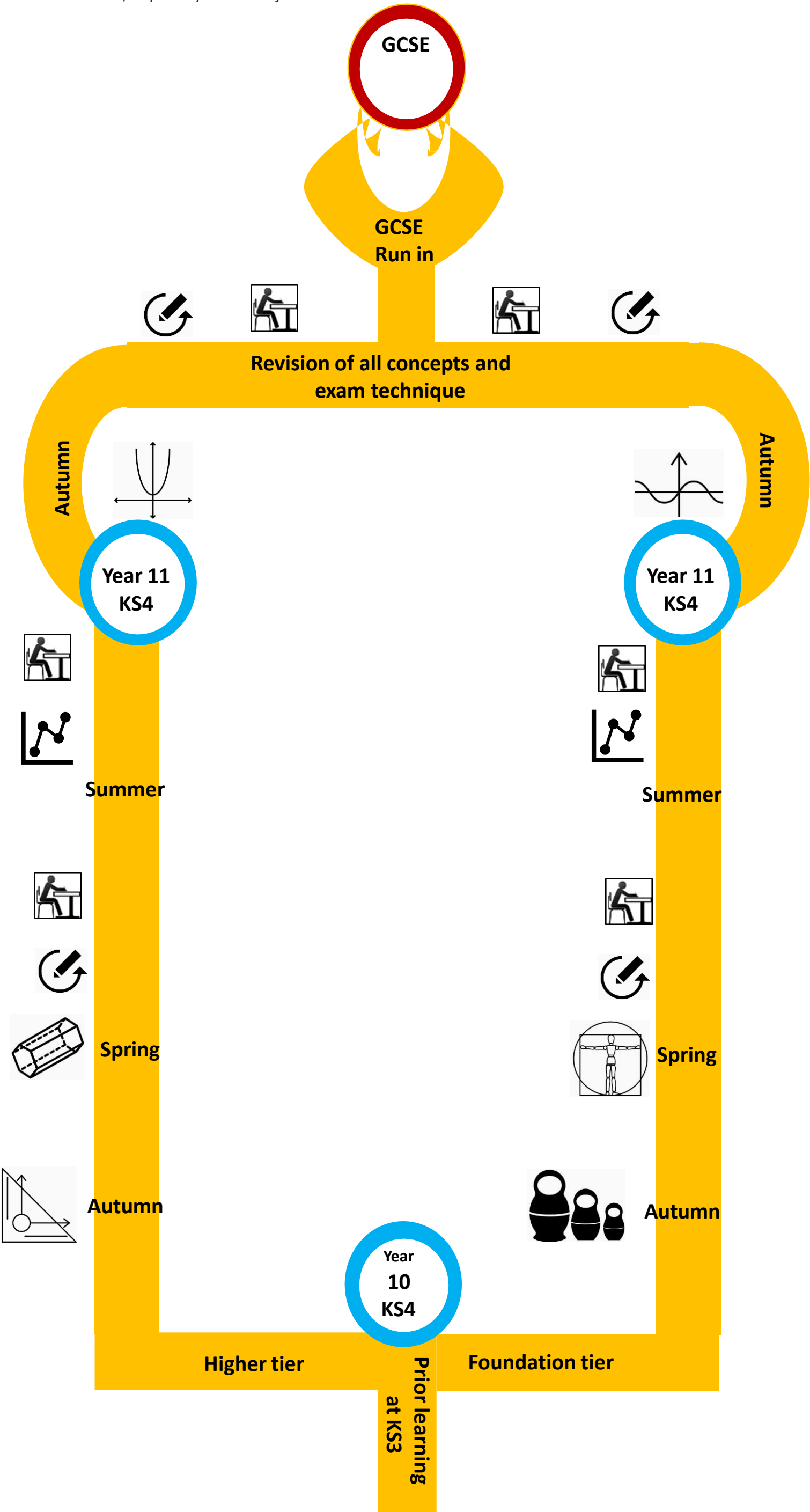


Legend	
	Assessment
	Transition project
\times^n	Algebraic thinking
	Application of number
	Lines and Angles
$\sqrt[3]{}$	Reasoning with number
	Algebraic techniques
	Developing geometry
	Reasoning with algebra
	Reasoning with geometry
	Reasoning with proportion

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
	Delving into data
	Proportions and proportional change
	Similarity and congruence
	Graphs
	Algebra
	Trigonometry