Whole School Maths and Thinking Skills Long Term Plan
Formal and Semi-formal 2026 onwards

KEY			
Number	SSM	Data	Financial Literacy

Complex –Be More Connected- cognition

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number	Number					
Concepts	Size/ pattern	Capacity /shape	Space / quality	Size / pattern	Capacity / shape	Space / quality
	Time - intrinsic					
	Money - community					

Semi-Formal FS1- Strand 6

Term	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Number Sense		Number or Four Operations (based on need) + - x / (include fractions where necessary)				Money Fin Lit	Money Fin Lit	Position and Direction			Shape		
Spring	Number or Four Operations (based on need) + - x / (include fractions where necessary)						Time		**FL**	Data/ Statistics UKS2 onwards **SSM**				
Summer	Number or Four Operations (based on need) + - x / (include fractions where necessary)		Money and Financial Literacy				Time	Time	**Careers Week**	Number Mastery	Measure			Number Mastery

N.B In addition- plan for regular mastery check ins of concepts to embed short- and long-term memory (either as a carousel task/ active learning/ starter)

Formal

FS3

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Place Value		Time		Shape		Fin Lit	Fin Lit	Number & Four Operations (based on need) + - x / (include fractions where necessary)				Money and Financial Literacy	
Spring	Statistics		Time		Length and Perim.		Money and Financial Literacy		Number & Four Operations (based on need) + - x / (include fractions where necessary)					
Summer	Time	Fractions Or Number			Money and Financial Literacy		Shape	Shape	**Careers Week**	Temp	Mass and Capacity		Temperature Temperature	Number Mastery

N.B In addition- plan for regular mastery check ins of concepts to embed short- and long-term memory (either as a carousel task/ active learning/ starter)

HS1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Place Value		Shape		Number & Four Operations (based on need)		Fin Lit	Fin Lit	Number & Four Operations (based on need) + - x / (include fractions where necessary)		Time		Money and Financial Literacy	
Spring	Statistics			Length and Perim.			Money and Financial Literacy		Fractions Or Number					
Summer	Time		Number	Shape		Temperature	Temperature	Mass	**Careers Week**	**Capacity**	Money and		Number	

N.B In addition- plan for regular mastery check ins of concepts to embed short- and long-term memory (either as a carousel task/ active learning/ starter)

HS2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Autumn	Number and the 4 operations (C1/2)							Time (C5)				Financial Literacy (C4)		
Spring	Financial Literacy (C4)		Ratio, Fractions and Number (C3)				Financial Literacy	Statistics (C8)						
Summer	Geometry (C7)			Measures (C6)				Financial Literacy	**Careers Week**	SSM Mastery and consolidation		Number Mastery and consolidation		

N.B In addition- plan for regular mastery check ins of concepts to embed short- and long-term memory (either as a carousel task/ active learning/ starter)

Sixth Form

In the Sixth Form pathway, Maths and Thinking skills are taught and developed through our Preparation for Adulthood (PFA) program and Vale Independent Living Skills Programme to support their Personal Progression Plans (PPP). They will be taught how to apply the skills they have previously developed through context and real-world applications. There will be a particular focus on financial literacy, projects, and time management. In Horticulture and Catering, measuring skills will also be a focus, as appropriate. In work experience, students will (where appropriate) be taught how to use till systems, phone systems, email, online shopping, research and other appropriate systems. They will be supported in applying for or managing a bank account, and how their financial experiences will change when they turn 18.

Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Number	Financial Literacy	Number	Financial Literacy	Number	Financial Literacy
Time and Timetables	Measures- mass and capacity	Measures- length and perimeter	Patterns	Measures- distance (journeys)	Shape and space

Thinking Skills/ Maths (Weekly Timing)		
	Semi-formal	Formal
FS1	30 minutes (4 times weekly)	
FS2	30 minutes (4 times weekly)	
FS3	30 minutes (4 times weekly)	30 minutes (4 times weekly)
HS1	30 minutes (4 times weekly)	3 x 60 mins
HS2	30 minutes (4 times weekly)	2 x 60 mins taught and further maths through holistic PFA work.
Strand 6	1 guided teaching session and then embedded through functional project work	