Fishergate
Maths Overview
2021/22
2022/23

Resources used and referenced:

NCETM Spines: https://www.ncetm.org.uk/resources/50639

White Rose Plans: https://whiterosemaths.com/resources/schemes-of-learning/primary-sols/
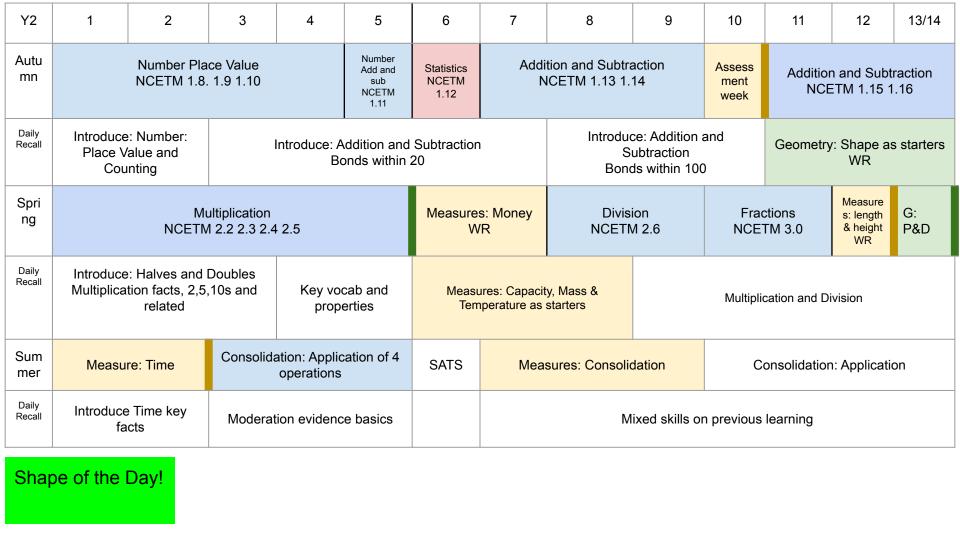
Other great planning tools:

Gareth Metcalfe resources: I See Reasoning and I See Problem Solving
 (I can not recommend these enough - all available in the Ebor Maths Lead drive, please ask your Maths Lead to make a copy for your school and share.)

NRich: https://nrich.maths.org/

Year 1
Maths Overview
2021/2022
2022/23

Y1	1	2	3	4	5	6	7	8	9	10	11	12	13/14
Autumn	Previous counting experiences to 100 (EYU)	Number: Place Value within 5 Comparison of quantities and part-whole relationships NCETM: 1.1		Number: Place Value, Addition and Subtraction within 5 NCETM: 1.2 - 1.3				Number: Place Value, Addition and Subtraction within 10 NCETM: 1.4		Assessment Week/ No. bonds to 10	Geometry: Shape		Additive Structures NCETM: 1.5
Daily Recall	Introduce: Number: Recognise numbers to 10- what is a 5 made up of- 3+2 1+4 1 more, 1 less , Counting				Introduce: Number: Bonds: Additive Facts within 10- use progression doc) Subtraction facts within 10			Mixed skills on previous learning			Introduce: Recognise numbers to 100		RECAP - Gap filling
Spring	Addition and Subtraction within 10 NCETM 1.6 and 1.7		Number: Composition of numbers: multiples 10 to 100 NCETM: 1.8		Number: Composition of numbers: 20 to 100 NCETM: 1.9					Assessment week/ Measurement: Length and Height		Measurement: Weight and Volume	
Daily Recall	Use NCETM 1.7 – Addition and Subtraction: Strategies within 10 as starters			Introduce: Additive Facts multiples of 10 within 100	Introduce: Counting in 2, 5 and 10			Introduce measure key facts.					
C3	Number: Composition of numbers: 10-20 NCETM: 1.10			G: P&D	Measurement: Time		Multiplication: Money			Assessment week/ Fractions: Half and Quarter		Whole Year recaps and gap filling	
Daily Recall	Teen number key facts				Introduce Time key facts		Introduce: Money key facts		Introduce: parts and wholes, ½ and ¼ of shapes. Mixed skills on previous learning				

Year 2
Maths Overview
2021/2022
2022/23

Y2	1	2	3	4	5	6	7	8	9	10	11	12	13/14
Autumn	Number Place Value NCETM 1.8. 1.9 1.10				Number Add and sub NCETM 1.11	Statistics NCETM 1.12	Addition and Subtraction NCETM 1.13 1.14			Assessment week	Addition and Subtraction NCETM 1.15 1.16		
Daily Recall	Introduce: Number: Place Value and Counting		Introduce: Addition and Subtraction Bonds within 20					Introduce: Addition and Subtraction Bonds within 100			Geometry: Shape as starters WR		
Spring	Multiplication NCETM 2.2 2.3 2.4 2.5						Measures: Money WR	Division NCETM 2.6		Fractions NCETM 3.0		Measures: length & height WR	G: P&D
Daily Recall	Introduce: Halves and Doubles Multiplication facts, 2,5,10s and related			Key vocab and properties		Measures: Capacity, Mass & Temperature as starters			Multiplication and Division				
Summer	Measure: Time		Consolidation: Application of 4 operations			SATS	Measures: Consolidation			Consolidation: Application			
Daily Recall	Introduce Time key facts		Moderation evidence basics				Mixed skills on previous learning						

Shape of the Day!

Year 3
Maths Overview
2021/2022
2022/23

Y3	1	2	3	4	5	6	7	8	9	10	11	12	13/14
Autumn	Counting	Number and Place Value: NCETM 1.17		Addition and Subtraction: NCETM 1.17 - 1.21						Assessment Week	Addition and Subtraction: NCETM: 1.17 - 1.21		Statistics WR
Daily Recall	3 digit number HTO			10/100 more, less Additive facts within 10, 20,100 (multiples of 10 that make 100) Haves and Doubles up to and within 30				Multiplication and division: 2 3 5 10 Multiply whole number by 10 and 100					
Spring	Multiplication and Division: NCETM 2.7 2.8 2.9					Measures: Money WR		Fractions NCETM 3.1	Assessment Week	Fractions NCETM 3.1 - 3.4			
Daily Recall	Addition and subtraction				Multiplication 4 8 6 9 7			Length mm,cm, m Comparison - length of a ruler,metre ruler		Multiplication and division 4 8 6 9 7			
Summer	Measurement: Time WR		Measurement: Mass and Capacity WR		Measurement: Length and Perimetre WR		Geometry: Properties of Shape WR		Assessment week	Whole Year recaps, gap filling and application			
Daily Recall	Fractions		Rounding to nearest 10,100 Money £ and p		Mixed multiplication and division		MIxed skills, application, teaching and practise.						

Gap FIll Additive Facts where necessary and link throughout learning.

Year 4
Maths
Overview
2021/2022

4	1	2	3	4	5	6	7	8	9	10	11	12	
Autumn	Number, Place Value, Addition and Subtraction				Addition and subtraction			Length and perimeter		Multiplication and division			
Daily Recall	Place Value: Numbers Th, H, T, O	Place value to 2 d.p, 0.20, 0.25 and 1/10, ½, ¼ Counting: All multiples and 20s, 25s, 50, 6,7,9 Halves and Doubles to 50 and then 100		Tables: All tables and recognise inverse related facts.		Times Tables	Rounding: Round to decimal tenths 4 ops Area and perimeter					Times tables Vocab: Prime numbers, square numbers, factors	
Spring	Multiplication and division				Area	Fractions				Decimals		Con	
Daily Recall		Shape 4 ops				4 operations Square numbers Cube numbers Primes				4 ops Rounding Time			
Summer	Decimals		Money		TIme	STATS	Properties of shape				Pos + Direction	Con	
Daily Recall	Fractions – 4 ops												

Year 4 Maths Overview 2022/2023

Y4	1	2	3	4	5	6	7	8	9	10	11	12	13
Autumn	Number, Place Value, Addition and Subtraction NCETM 1.22, 1.23 and 1.24							Measurement: Money: NCETM 1.25	Assessment Week	Measurement: Length and perimeter NCETM 2.16		Multiplication and Division NCETM 2.10-2.15	
Daily Recall	Counting in 25s, 100s, 1000s **In 3, 4, 8, 50 and 100** **10/100 more/less 3 digit number HTU Doubles and halves upto 30** Backwards through zero to include negative numbers Read Roman numerals to 100 Rounding To the nearest 10,							Number bond strategies inc. 2 sets of numbers		Rounding To the nearest 10, 100 or 1000		Counting in 6, 7, 9, Up to 12 x 12 and recognise inverse related facts	
Spring	Multiplication and Division NCETM 2.10-2.15, 2.17		Measurement: Area White rose		Fractions NCETM: 3.5 and 3.6				Assessment Week	Decimals Recapping and applying skills in NCETM: 1.22, 1.23, 1.25, 1.25			
Daily Recall	Multiply and Divide by 10 and 100		Convert between mm, cm and m		Adding and subtracting fractions with the same denominator Halves and Doubles within 50 **Equivalent fractions to ½** **Counting in 1/10s**				Gap Filling **Telling the time**	PV: Tenths and Hundredths Decimal equivalents to ¼, ½ and ¾. 10th and 100ths			
Summer	Measurement: Time WR	Measurement: Capacity WR	Gap Filling		Geometry: Properties of shape and Position and Direction			Whole Year recaps, gap filling and application	Assessment Week	Whole Year recaps, gap filling and application			
Daily Recall	Hours, minutes and seconds. Days weeks and months. Convert between digital and analogue clocks. Weight Conversions				MIxed skills, application, teaching and practise.								

Year 5
Maths Overview
2021/2022
2022/23

4	1	2	3	4	5	6	7	8	9		10	11	12	13
Autumn	Number, Place Value,			Addition and Subtraction		Multiplication and Division							STATS		
Daily Recall	Place Value: Numbers Th, H, T, O	Place value to 2 d.p, 0.20, 0.25 and 1/10, ½, ¼ Counting: All multiples and 20s, 25s, 50, 6,7,9 Halves and Doubles to 50 and then 100		Tables: All tables and recognise inverse related facts.		Times Tables	Rounding: Round to decimal tenths 4 ops Area and perimeter					Times table and inverse related facts Vocab: Prime numbers, square numbers, factors		
Spring	Fractions						FDP	FDP	Ratio	Measures Convert		Measur es Perimet er + Area	Measur es Perimet er and area	Perimet er area and volume	Geomet ery
Daily Recall	Shape 4 ops			4 operations Square numbers Cube numbers Primes						4 ops Rounding Time					
Summer	Properties of shape			Position and direction		Measures: Area and perimeter		Measures: Converting		Measures : Volume		Consolidation			
Daily Recall	Fractions – 4 ops														

Year 6
Maths Overview
2021/2022
2022/23

4	1	2	3	4	5	6	7	8	9	10	11	12	13
Autumn	Number, Place Value,			Addition and Subtraction Multiplication and Division					Fractions				
DR	4 ops Props of shape				4 ops Area Perimeter				X and / By 10,100,1	4 ops Squares Cubes		Coordinates graphs	
Spring	Decimals			Percentages		Algebra	Algebra	Ratio	Geometry Pos and direction	Measures Perimeter + Area+ vol	Measures Convert	Geometry	
DR	Place value Shape- properties Shape –			Number Recap/ STATS (consolidation of previous)									
Summer	Geometry	SATS prep	SATS			Consolidation					Investigation		Transition	
DR	Mixed recaps													