

HIAS MOODLE+ RESOURCE

HIAS Scheme of Learning for Mathematics

Long Term Plans for Key Stage Two

HIAS Maths Team
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Final version

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Overview

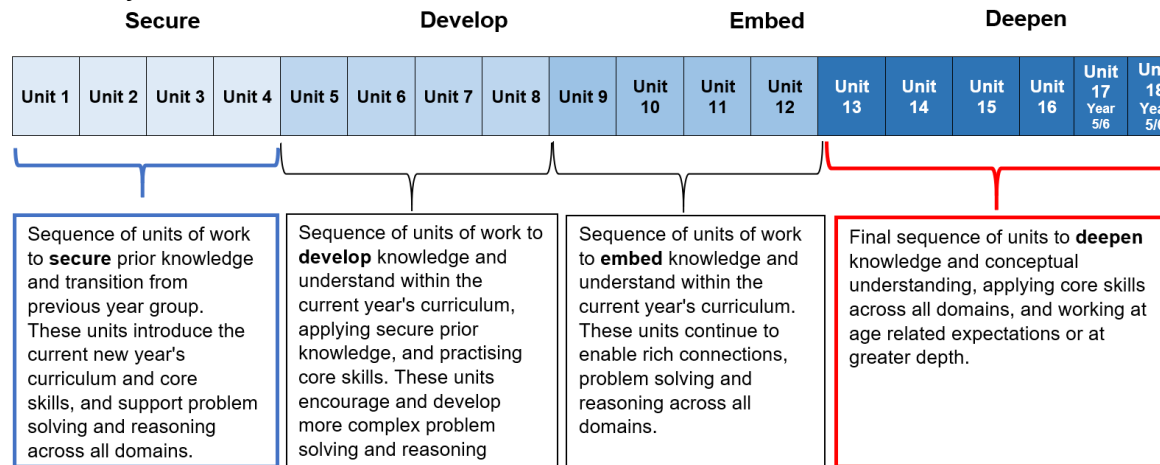
This document contains...

The long-term overview plans for Key Stage Two linked to the DfE ready-to-progress criteria June 2020

Points to consider when using this resource

This long-term plan supports and maps out curriculum planning for mathematics across an academic year for Y3, Y4, Y5 and Y6. It identifies curriculum coverage in line with the National Curriculum for England and links domains together to ensure a broad, balance and connected learning experience for pupils. This plan is suitable for single year group and mixed age planning.

The long-term plan is composed of a series of units of work which enable pupils to work on developing fluency, reasoning and problem solving. The units are constructed and sequenced to enable pupils to revisit all domains several times across the year.



The Hampshire Assessment Model (HAM) can be used alongside this approach to support a review of pupil progress across all domains at several points in the year. This document and guidance can be found on the HIAS Assessment moodle. [Online Training - Course: Hampshire Assessment Model Resources \(hants.gov.uk\)](https://hants.gov.uk)

UNITS				TIME	DOMAINS		READY-TO-PROGRESS CRITERIA (DfE)			
Y3	Y4	Y5	Y6	Hours	LKS2	UKS2	Y3 (+Y2)	Y4 (+Y3)	Y5 (+Y4)	Y6 (+Y5)
3.1	4.1	5.1	6.1	15	Number & Place Value Addition and Subtraction	Number & place value Addition and subtraction (measurement: length including perimeter)	2NPV-1 2NPV-2 2NF -1 2AS-1 2AS-2	3NPV-1 3NPV-2 3NPV-3 3NF-1 3AS-1 3AS-2	4NPV-1 4NPV-2 4NPV-3 4NF-3	5NPV_2 5NPV-3
3.2	4.2	5.2	6.2	10	Measurement (Money, length) Addition and Subtraction	Multiplication and division (measurement) Y6: equations	2AS-1 2AS-2 2AS-3 2AS-4	3NF-1 3NF-3 3AS-3	4NPV-4 4NF-1 4NF-2 4MD-1 4MD-2 4MD-3	5NF-1 5MD-3 5MD-4
3.3	4.3	5.3	6.3	10	Multiplication & Division	Fractions	2MD-1 2MD-2	3NPV-4 3NF-2 3MD-1	4F-3	5F-1 5F-2 5F-3
HALF TERM										
3.4	4.4	5.4	6.4	20	Fractions and Geometry	Fractions, Measurement (time) and Geometry Y6: parts of a circle	2G-1	3F-1 3F-2 3F-3 3F-4 3G-1 3G-2	4F-1 4F-2 4G-1 4G-2 4G-3	5G-1
3.5	4.5	5.5	6.5	15	Number & Place Value Measurement	Number & place value Measurement All four operations	2NPV-1 2NPV-2	4NPV-1 4NPV-2 4NPV-3	4NPV-2 4NPV-3 4NF-1 4NF-2 4MD-2	5NPV-1 5NPV-2 5NPV-3 5NPV-4 5NPV-5 5F-1

CHRISTMAS											
UNITS				TIME	DOMAINS		READY-TO-PROGRESS CRITERIA (DfE)				
Y3	Y4	Y5	Y6	Hours	LKS2	UKS2	Y3 (+Y2)	Y4 (+Y3)	Y5 (+Y4)	Y6 (+Y5)	
3.6	4.6	5.6	6.6	15	Fractions Geometry (angle)	Fractions and percentages Geometry (angle and pie charts)	3G-1	3F-1 3F-2 3F-3 3G-1	5F-1 5F-2 5G-1	5F-1 5F-2 5F-3 5G-1	
3.7	4.7	5.7	6.7	15	Subtraction and Addition	Subtraction and addition for whole numbers and fractions- mental methods Y6: linear sequences	3NPV-2 3NF-1 3AS-3	4NPV-1 4NPV-2 4NPV-3			
3.8	4.8	5.8	6.8	5	Measurement (Time)	Statistics line graphs- temperature and neg, numbers, mean, average					
HALF TERM											
3.9	4.9	5.9	6.9	15	Multiplication and Division Fractions	Fractions (as division) Measurement (vol capacity, reading scales) Y6: algebra	3NF-2 3F-1 3F-2	4NF-1 4NF-2 4MD-1 4MD-2 4MD-3 4F-1 4F-2	5NPV-4 5NPV-5	5MD-1	

UNITS				TIME	DOMAINS		READY-TO-PROGRESS CRITERIA (DfE)			
Y3	Y4	Y5	Y6	Hours	LKS2	UKS2	Y3 (+Y2)	Y4 (+Y3)	Y5 (+Y4)	Y6 (+Y5)
3.10	4.10	5.10	6.10	20	Subtraction and addition Statistics Measurement (vol/ cap/mass/ scales)	Geometry (or 5.11 Tables Facts)	3AS-1 3AS-3	4NF-3 4NPV-4	5G-1 5G-2 or 5NF-1 5Nf-2	5MD-3 5MD-4
		5.13	6.11							
EASTER										
Y3	Y4	Y5	Y6	Hours	LKS2	UKS2	Y3 (+Y2)	Y4 (+Y3)	Y5 (+Y4)	Y6 (+Y5)
3.11	4.11	5.12	6.12	15	Multiplication and division (tables and related facts)	Multiplication and division and square, cube and prime numbers	2MD-2	4NF-1 4NF-2 4NF-3 4MD-1 4MD-2 4MD-3	5MD-1 5MD-2 5MD-3	5MD-2
3.12	4.12	5.11	6.13	5	Geometry (2D/3D)	Multiplication and division (tables and related facts) (or 5.13 Geometry)	3G-1	4G-1 4G-2 4G-3	5G-1 5G-2 or 5NF-1 5Nf-2	Statutory testing
3.13	4.13	5.14	6.14	15	Addition/ subtraction formal methods statistics	All four operations including fractions and equivalence for Y6 (secure formal methods), statistics	3AS-2			6F-1 6F-2 6F-3
		5.15	6.15							
HALF TERM										

UNITS				TIME	DOMAINS		READY-TO-PROGRESS CRITERIA (DfE)			
Y3	Y4	Y5	Y6	Hours	LKS2	UKS2	Y3 (+Y2)	Y4 (+Y3)	Y5 (+Y4)	Y6 (+Y5)
3.14	4.14	5.16	6.16	15	Multiplication and Division Fractions	Fractions Geometry Percentages Y6: ratio and proportion	3MD-1 3F-1 3F-2 3F-3 3F-4	4MD-1 4MD-2 4MD-3 4F-1 4F-2 4F-3	5F-1 5F-2 5F-3 5MD-1 5G-1 5G-2	6G-1 6AS/MD-3
3.15	4.15	5.17	6.17	10	Measurement (money and time)	Multiplication and division (secure formal methods)	3As-1 3AS-2 3AS-3		5MD-3 5MD-4	6AS/MD-1 6AS/MD-2
3.16	4.16	5.18	6.18	10	Measurement (length)	All four operations (context: measure and decimals)		4NPV-1 4NPV-3 4NPV-4	5NPV-5	6AS/MD-4
SUMMER										

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For further details on the full range of services available please contact us using the following details:

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