



Year 5 Maths Curriculum Based on Ark Maths Mastery Programme of Study

Compassion, Self-Awareness, Aspiration, Commitment, Resilience and
Integrity

2025/2026 Maths Curriculum Map

Year 5

Working Together We All Achieve

Autumn 2

Week	Learning objective	Manipulatives, representations and calculation strategies
1	Read information presented in a line graph Interpret information presented in a line graph Read and interpret information presented in tables and line graphs Present information in a line graph	Tally charts Bar charts Line graphs Tables Timetable Counters Cubes Objects
2	Read information presented in a conversion graph Read and interpret information presented in a table Read and interpret information presented in a timetable (practical) Read and interpret information presented in a timetable	
3	To identify factors and multiples Find all factor pairs of a number Identify prime numbers up to 100 Multiply by 10	Multiplication square 100 square Cubes Part whole model Place value chart
4	Assessment week - recap learning from Autumn Term and address identified gaps/misconceptions.	
5	Multiply by 100 and 1000 Divide by 10 Divide by 100 and 1000 Multiply and divide by 10, 100 and 1000	Dienes Part- whole model Bar model Place value chart and counters

		Number lines Formal method- linked to manipulatives
6	To multiply by using doubling To divide by using halving Multiply two numbers using short multiplication Multiply two numbers using short multiplication	Dienes Part- whole model Bar model Place value chart and counters Number lines Formal method- linked to manipulatives
7	Divide two numbers using short division Divide two numbers using short division Solve problems involving division with remainders Solve problems involving multiplication and division	Column method scaffolds