

## Oxford Maths Year 6: Suggested Term Planner

### Term 1

Weeks	Unit	Topic	Focus	Student book pages	Assessment book pages
1	1. Number and place value	1. Place value	Read, write, represent and order numbers up to 6 digits and beyond	6–9	2–3
2	5. Using units of measurement	1. Length	Estimate, measure and compare lengths and perimeters using formal metric units. Convert between and solve problems using common units of length	86–89	30–31
3	1. Number and place value	4. Mental strategies for addition and subtraction	Choose and apply appropriate mental addition and subtraction strategies such as rounding, estimation and the split strategy	18–21	8–9
4	4. Patterns and algebra	1. Geometric and number patterns	Identify and apply rules to continue and create number and geometric patterns. Explore flow charts as patterning algorithms	78–81	38–39
5–6					
7–8	2. Fractions and decimals	1. Fractions	Write, represent and compare fractions of wholes and collections and find equivalent fractions	46–49	22–23
		2. Adding and subtracting fractions	Apply knowledge of equivalent fractions to add and subtract fractions with the same or related denominators	50–53	24–25
9	5. Using units of measurement	5. Timetables and timelines	Explore, interpret and solve problems involving time lines and timetables	102–105	50–51

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### Term 2

Weeks	Unit	Topic	Focus	Student book pages	Assessment book pages
1–2	1. Number and place value	5. Written strategies for addition	Consolidate understanding of the vertical addition algorithm to accurately solve addition problems with large numbers	22–25	10–11
		6. Written strategies for subtraction	Consolidate understanding of the vertical subtraction algorithm with trading across multiple columns to accurately solve addition problems with large numbers	26–29	12–13
3	6. Shape	1. 2D shapes	Identify and classify regular and irregular shapes including types of triangles and parts of circles	106–109	52–53
4	1. Number and place value	7. Mental strategies for multiplication and division	Explore and choose appropriate mental multiplication and division strategies such as using multiples of 10, and doubling and halving	30–33	14–15
5	5. Using units of measurement	2. Area	Calculate and solve problems involving area using common metric units	90–93	44–45
6	1. Number and place value	2. Square numbers and triangular numbers	Explore and describe the properties of square and triangular numbers	10–13	4–5
7	1. Number and place value	8. Written strategies for multiplication	Explore and choose appropriate written multiplication strategies such as extended and contracted multiplication to solve problems with larger numbers	34–37	16–17
8	2. Fractions and decimals	3. Decimal fractions	Read, write, compare and order decimals to thousandths	54–57	26–27
9	7. Geometric reasoning	1. Angles	Accurately measure and identify common angles and calculate unknown angles	114–117	56–57

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### Term 3

Weeks	Unit	Topic	Focus	Student book pages	Assessment book pages
1	1. Number and place value	9. Written strategies for division	Explore and choose appropriate written division strategies such as short division to solve problems with larger numbers and remainders	38–41	18–19
2	8. Location and transformation	1. Transformations	Investigate, describe, continue and create patterns based on transformations of two-dimensional shapes, including tessellations	118–121	58–59
3	2. Fractions and decimals	4. Addition and subtraction of decimals	Apply knowledge of vertical algorithms to add and subtract decimals	58–61	28–29
4	1. Number and place value	3. Prime and composite numbers	Explore and describe the properties of prime and composite numbers	14–17	6–7
5–6	2. Fractions and decimals	7. Percentage, fractions and decimals	Read, write and interpret and compare percentages, fractions and decimals, and convert from one to another	70–73	34–35
7	5. Using units of measurement	4. Mass	Convert between and solve problems using common units of mass	98–101	48–49
8–9	10. Chance	1. Describing probabilities	Evaluate probabilities of common events as fractions, decimals and percentages	134–137	66–67
		2. Conducting chance experiments and analysing outcomes	Conduct and analyse the results of chance experiments	138–141	68–69

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### Term 4

Weeks	Unit	Topic	Focus	Student book pages	Assessment book pages
1	4. Patterns and algebra	2. Order of operations	Investigate and apply the order of operations rules to solve more complex number problems	82–85	40–41
2 - 3	2. Fractions and decimals	5. Multiplication and division of decimals	Use contracted multiplication and short division to accurately calculate with decimal numbers to two places	62–65	30–31
		6. Decimals and power of 10	Explore the effect of multiplying and dividing decimal and whole numbers by powers of 10	66–69	32–33
4	5. Using units of measurement	3. Volume and capacity	Measure, calculate and compare volume and capacity using formal metric units. Convert between common units of capacity	94–97	46–47
5	1. Number and place value	10. Integers	Explore negative numbers on number lines and in real life situations to solve related problems	42–45	20–21
6	9. Data representation and interpretation	2. Data in the media	Interpret and critically analyse secondary data	130–133	64–65
7	3. Money and financial mathematics	1. Financial mathematics	Apply knowledge of percentages to calculate and compare discounts on prices	74–77	36–37
8	6. Shape	2. 3D objects	Identify and draw three-dimensional objects using knowledge of properties	110–113	54–55
9	8. Location and transformation	2. The Cartesian coordinate system	Explore the four quadrants of the Cartesian coordinate system and locate and describe points on the grid	122–1125	60–61