Alderwood KS2 Traded Maths Curriculum Overview 2025/26

Maths	**Place Value**	**Addition and Subtraction**	**Multiplication and Division**	**Fractions**	**Time**	**Review**
Core Knowledge	• That numbers are made up of digits • The value of digits within a number • The value of digits over 1000. • How to partition numbers in different ways • How having 1,10,100,1000 more or less affects a number.	• The importance of place value in addition • The importance of place value when regrouping in addition • How to estimate • The importance of place value in subtraction. • How to use formal	• How to apply a method to solve problems using multiplication • How multiplication is commutative • How multiplying a number by 10 changes it's value. • How multiplying a number by	• What a fraction is • That hundredths arise by dividing an object by 100 and tenths arise by dividing an object by 10. • Decimal equivalents of fractions • How to find a fraction of an amount • How to find equivalent fractions	• How to tell the time to 5 minutes. • How to tell the time to the nearest minute using past/to the hour accurately • How a 12-hour digital clock works • How to convert time between analogue and digital 12-hour clocks.	**Place Value** • The place value of digits within a number • How place value can be used to find 10/100/1000 more or less than a number. • How to round to the nearest 10, 100 and 1000 • How rounding and

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	• How to find the value of an interval on a number line and use this to find values between intervals. • How to make suitable estimates using a number line. • How to use place value to order numbers. • What rounding is and how to round to the nearest 10 • How to round to the nearest 100 and 1000. • How to apply rounding to	written methods • How to solve subtraction calculations with one exchange • How to solve subtraction calculations with one exchange and more than one exchange. • Which calculation to select when solving a one-step problem • Which calculation to select when solving a two-step problem • How to use the inverse to check	100 changes it's value. • How to multiply a 2 and 3-digit number by a 1-digit number • How to multiply up to 3-digit numbers by a 2-digit number. (4-digit Y5/6) • To understand that division means sharing in equal parts. • How dividing a number by 10 changes it's value • How dividing a number by	• How to add numbers when the fractions have the same denominator • How to add fractions when the denominators are different. • How to subtract fractions when the denominators have the same numbers. • How to subtract mixed numbers and fractions. • How to subtract fractions when the	• How to convert time between analogue and digital 12-hour clocks. • How many days are in each month and can apply my understanding of units of time to solve problems. • How many seconds are in a minute, minutes are in an hour and hours are in a day so that they can convert between units of time • How to solve problems which involve converting	estimation can be used to support calculations **Addition and Subtraction** • How to use mental strategies to calculate efficiently. • How to use formal written methods for addition (including regrouping) • How to use formal written methods for subtraction (including exchanging).

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	solve problems • How to read Roman numerals	answers for addition and subtraction calculations • How to use mental strategies to calculate efficiently	100 changes it's value. • How to use short division to divide by one-digit number • How to divide by a one-digit number when there are remainders. • How to use multiplication and division to solve problems	denominators are different. • The value of digits in decimal numbers. • How to convert between percentages, fractions and decimals	between units of time.	• How to decide what steps are needed to solve a multi-step problem. **Multiplication and Division** • How to use formal written methods to multiply numbers. • How to use a formal written method for division. • How to make efficient choices when multiplying numbers. • What distributive

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						law is and how to efficiently multiply numbers **Fractions** • What a fraction is • Know that each fraction has an unlimited number of equivalent fractions. • Add and subtract fractions • How to write decimal equivalents of fractions **Time**

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						• How to tell the time past and to the hour using an analogue clock. • How a 24-hour clock works • How to solve problems which involve converting between units of time. • How the Roman numeral system works
Key Skills	Read and write numbers up to 1000. Recognise the place value of each digit	Use place value to complete addition calculations. Use place value to complete addition	Solve worded problems using multiplication Find commutative numbers and factor pairs of a number	Identify and show some fractions. Count in tenths and hundredths.	Read and show the time to 5 minutes. Tell the time to the nearest minute	**Place Value** Use place value to order and compare numbers

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	Solve problems using my knowledge of place value Partition numbers in different ways Find 1, 10, 100, and 1000 more and less using knowledge of place value Calculate the values of intervals and marked points on a number line. Estimate values on a number line Compare and order numbers using understanding of place value. Round numbers to the nearest 10, 100 and 1000.	calculations with one regroup. Use place value to complete addition calculations with more than one regroup. Practise estimating calculations Use place value to complete subtraction calculations Use formal written methods to solve subtraction problems. Select a method to solve a subtraction calculation with one-exchange Select a method to solve a subtraction	Multiply by 10 Multiply by 100 Use a formal written method to multiply a 2 and 3-digit number by a 1-digit number Use formal written methods to multiply up to 3-digit numbers by a 2-digit number. (4-digit Y5/6) Practise dividing into equal groups Divide by 10 Divide by 100 Use short division method Divide by a one-digit number when there are remainders.	Find and write decimal equivalents of ¼, ½ and ¾. Find unit and non-unit fractions of an amount Use a number line and bar model to find equivalent fractions. Add fractions with the same denominator. Add fractions. Subtract fractions with the same denominator. Subtract from mixed numbers using fractions with the same denominator. Subtract fractions.	Tell the time using a 12-hour digital clock and the vocabulary of AM and PM. Convert time between analogue and digital 12-hour clocks Convert to and from the 24-hour clock Solve problems involving converting from years to months and weeks to days. Convert between seconds, minutes and hours apply this knowledge to solve problems Decide how to convert between units of time and use this to solve problems.	Find 10/100/1000 more and less than a number Round numbers to the nearest 10, 100 and 1000. Use rounding and estimation to solve problems Reasoning **Addition and Subtraction** Use a range of mental strategies when working with addition and subtraction calculations Use formal written methods for addition (including regrouping) Use formal written methods for

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	Round accurately to solve problems Read Roman numerals Reasoning	calculation with one-exchange and more than one exchange. Solve one-step problems using addition and subtraction Solve two-step problems using addition and subtraction Check addition and subtraction calculations using the inverse. Use a range of mental strategies when working with addition and subtraction calculations Reasoning	Use multiplication and division to solve word problems. Reasoning	Compare numbers containing decimals. Convert between fractions and decimals (+ percentages) Reasoning	Reasoning	subtraction (including exchanging) Use addition and subtraction to solve multi-step problems Reasoning **Multiplication and Division** Use a formal written method to multiply numbers Use a formal written method to divide Use known facts to multiply 3 numbers together. (Find squared and cubed numbers) Use efficient strategies to multiply numbers Problem Solving

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						Reasoning **Fractions** Represent fractions and use them to find fractions of amounts. Find equivalent fractions. Add and subtract fractions Write decimal equivalents Problem Solving Reasoning **Time** Tell the time from an analogue clock to the nearest minute. Convert between a 12-hour and 24-hour clock.

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						Decide how to convert between units of time and use this to solve problems. Read and problem solve using Roman numerals Reasoning