Sandbrook Community Primary School - Maths medium term plan

Autumn term - Year 4

Week 1-5	Weeks 6-8	Week 9	Week 10-12
Place value	**Addition and subtraction**	**Area**	**Multiplication and division**
• Represent numbers to 1,000 • Partition numbers to 1,000 • Number line to 1,000 • Thousands • Represent numbers to 10,000 • Partition numbers to 10,000 • Flexible partitioning of numbers to 10,000 • Find 1, 10, 100, 1000 more or less • Number line to 10,000 • Estimate numbers on a number line to 10,000 • Compare numbers to 10,000 • Order numbers to 10,000 • Roman numerals • Round to the nearest 10, 100 and 1,000.	• Add and subtract 1s, 10s, 100s and 1,000s • Add up to two 4 digit numbers- no exchange • Add two 4 digit numbers- one exchange • Add two 4 digit numbers- more than one exchange • Subtract two 4 digit numbers- no exchange • Subtract two 4 digit numbers- one exchange • Subtract two 4 digit numbers- more than	• What is area? • Count squares • Make shapes • Compare areas	• Multiples of 3 • Multiply and divide by 6 • 6 times-table and division facts • Multiply and divide by 9 • 9 times-table and division facts • The 3, 6 and 9 times-tables • Multiply and divide by 7 • 7 times-table and division facts • 11 times-table and division facts • 12 times- table and division facts • Multiply by 1 and 0 • Divide by 1 and itself • Multiply three numbers

	one exchange		
<u>Spring term - Year 4</u>			
Week 1-2	**Week 3-4**	**Week 5-6**	**Week 7-8**
Multiplication and division	**Length and perimeter**	**Fractions**	**Decimals**
• Factor pairs • Use factor pairs • Multiply by 10 and 100 • Divide by 10 and 100 • Related multiplication and division facts • Informal written methods for multiplication • Multiply a 2 digit number by a 1 digit number • Multiply a 3 digit number by a 1 digit number • Divide a 2 digit number by a 1 digit number • Divide a 3 digit number by a 1 digit number •	• Measure in kilometres and metres • Equivalent lengths • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes • Find missing lengths in rectilinear shapes • Calculate the perimeter of rectilinear shapes • Perimeter of regular polygons • Perimeter of polygons	• Understand the whole • Count beyond 1 • Partition mixed numbers • Number lines with mixed numbers • Compare and order mixed numbers • Understand improper fractions • Convert mixed numbers to improper fractions • Convert improper fraction to mixed numbers • Equivalent fractions on a number line • Equivalent fraction families • Add two or more fractions • Add fractions and mixed numbers • Subtract two fractions • Subtract from the whole amounts • Subtract from mixed numbers	• Tenths as fractions • Tenths as decimals • Tenths on a place value chart • Tenths on a number line • Divide a 1-digit number by 10 • Divide a 2 digit number by 10 • Hundredths as fractions • Hundredths as decimals • Hundredths on a place value chart • Divide a 1 or 2 digit number by 100

Summer term - Year 4

Decimals	Money	Time	Shape	Statistics	Position and direction
• Make a whole with tenths • Make a whole with hundredths • Partition decimals • Compare decimals • Order decimals • Round to the nearest whole number • Halves and quarters as decimals •	• Write money using decimals • Convert between pounds and pence • Compare amounts of money • Estimate with money • Calculate with money	• Years, months, weeks and days • Hours, minutes and seconds • Convert between analogue and digital times • Convert to the 24 hr clock • Convert from the 24hr clock	• Understand angles as turns • Identify angles • Compare and order angles • Triangles • Quadrilaterals • Polygons • Lines of symmetry	• Interpret charts • Comparison, sum and difference • Interpret line graphs • Draw line graphs	• Describe position using coordinates • Plot coordinates • Draw 2-D shapes on a grid • Translate on a grid • Describe translation on a grid