1Excellence
Multi Academy Trust

Y3 Mathematics Curriculum

A: Number and Place Value

1. I can count from 0 in multiples of 4, 8, 50 and 100.
2. I can find 10 or 100 more or less than a given number.
3. I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones).
4. I can compare and order numbers up to 1000.
5. I can identify, represent and estimate numbers in different ways.
6. I can read and write numbers up to 1000 in numerals and in words.
7. I can solve number and practical problems.

B: Number – addition and subtraction

1. I can add and subtract numbers with up to three digits, using mental methods.
2. I can add numbers with up to three digits, using column addition
3. I can subtract numbers with up to three digits, using column subtraction
4. I can solve problems using addition and subtraction solve problems including missing number problems
5. I can estimate the answer to a calculation and use the inverse to check the answer.

C: Number – multiplication and division

1. I know and can use the 3, 4 and 8 times tables to answer multiplication and division calculations.
2. I can use a mental method to multiply 2 digits by 1 digit.
3. I can use short multiplication to multiply 2 digits by 1 digit.
4. I can use short division without remainders to divide 2 digit numbers by 1 digit.
5. I can solve problems using multiplication and division including missing number and scaling problems.

D: Measurement

1. I can measure lengths in mm, cm and m.
2. I can measure mass in g and kg.
3. I can measure volume and capacity in ml and l.
4. I can compare, add and subtract metric length measurements (mm, cm, m).
5. I can compare, add and subtract metric mass measurements (g, Kg).
6. I can compare, add and subtract metric capacity and volume measurements (ml, l).
7. I can measure the perimeter of a 2D shape.
8. I can add and subtract money (£ and p) and give change.
9. I can read and write the time from an analogue clock – 12 hours.
10. I can read and write the time from an analogue clock – 24 hours.
11. I can tell and write the time from an analogue clock using Roman numerals from I to XII.
12. I can estimate and read time to the nearest minute.
13. I can record and compare time in terms of seconds, minutes and hours.
14. I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.
15. I know the number of seconds in a minute and the number of days in each month, year and leap year.
16. I can compare durations of events.

E: Fractions

1. I can count up and down in tenths.
2. I can find tenths of an object by dividing it by 10.
3. I can find a fraction of set of objects.
4. I can recognise and use fractions as numbers.
5. I can find equivalent fractions with small denominators using diagrams.
6. I can add and subtract fractions with the same denominator.
7. I can compare and order unit fractions and fractions with the same denominator.
8. I can solve problems involving fractions.

F: Geometry – properties of shapes

1. I can draw 2-D shapes.
2. I can make 3-D shapes, recognise them in different orientations and describe their properties.
3. I can recognise angles as a property of a shape or a turn.
4. I can identify right angles.
5. I can recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn.
6. I can identify whether angles are greater than or less than a right angle.
7. I can identify horizontal and vertical lines.
8. I can identify pairs of perpendicular and parallel lines.

G: Statistics

1. I can interpret and present data using bar charts.
2. I can interpret and present data using pictograms.
3. I can interpret and present data using tables.
4. I can solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.