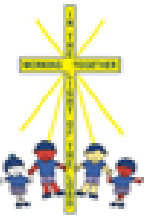


St Martin De Porres Catholic Primary School – Maths Curriculum Learning Journey: Number – Multiplication & Division



EYFS

Year 2

Year 1

Year 3

Year 4

Year 5

Year 6

Can you answer using objects, pictures and other equipment multiplication questions

Can you answer division questions using objects, pictures and other equipment

Can you remember and use multiplication and division facts for the 2, 5 and 10 times tables and recognise odd and even numbers

Can you answer multiplication and division problems within the tables using \times , \div and $=$

Can you answer questions involving multiplication and division mentally and with objects and using arrays and repeated addition

Can you solve multiplication and division word problems with more than one step

Can you double, half, share and know odds and evens

Can you show that multiplying 2 numbers can be done in any order but division cannot

Can you use multiplication facts for 2, 5 and 10 to make deductions outside known multiplication facts

Can you multiply two digit and three digit numbers by a one digit number using a formal written method

Can you use place value and number facts to multiply and divide mentally, including multiplying by 1 and 0; dividing by 1; and multiplying together 3 numbers

Can you recall times tables facts up to 12×12

I can solve problems involving multiplication and addition, including the distributive law such as $3 \times (12 + 14) = 3 \times 12 + 3 \times 14$

Can you solve problems, including missing number problems, involving multiplication and division, including factors and ratio

Can you work out if any given number up to 100 is a prime number and can recall prime numbers up to 19

Can you use vocabulary relating to prime numbers, prime factors and composite numbers

Can you calculate multiplication and division problems, both mentally and in writing, using the times tables, including two digit numbers times one digit numbers

Can you recall and use multiplication and division facts for the 3, 4 and 8 times tables

Can you mentally multiply and divide numbers using the times tables

Can you solve problems involving multiplication and addition, including the distributive law such as $3 \times (12 + 14) = 3 \times 12 + 3 \times 14$

Can you divide numbers with up to 4 digits by a one digit number using formal written methods and can explain remainders

Can you multiply numbers with up to 4 digits by a one or two digit number using formal written methods

Can you solve problems involving multiplication and division including using factors and multiples, squares and cubes

Can you solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Can you multiply, divide numbers of up to 4 digits by a two-digit number using a formal written method

Can you divide numbers of up to 4 digits by a two-digit number using a formal written method of short division, showing remainders, fractions or rounding as appropriate

Can you use the order of importance of the four operations when answering questions

Can you solve addition and subtraction multi-step problems, deciding which operations and methods to use and explain why they were suitable