Priestley Primary School
Maths Assessment Steps
Steps 7 - 9

Yr2	Number System	Addition & Subtraction	Multiplication & Division	Fractions & Decimals
End of Year Expectations				
	I can count in steps of 2, 3 and 5 from 0, and in tens from any number forward and backward **I can recognise the place value of each digit in a 2-digit number (tens and ones)** **I can identify, represent and estimate numbers using different representations including number line** **I can compare and order numbers from 0 up to 100; use <, > and = signs** **I can read and write numbers to at least 100 in numerals and in words**	**I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100** **I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including: A 2-digit number and ones; A 2-digit number and tens; Two 2-digit numbers; Adding three 1-digit numbers** **I can show that addition of two numbers can be done in any order and subtraction of one number cannot** **I can recognize and use the inverse relationship between addition and subtraction and use this to check calculation and solve missing number problems.**	**I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers** **I can calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs** **I can show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot**	**I can recognise, find, name and write fractions 1/3,, ¼,, 2/4 and 3/4 of a length, shape, set of objects or quantity** **I can write simple fractions e.g. 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.**
3-3 Mastering		**3-3 Mastering**	**3-3 Mastering**	**3-3 Mastering**
9.2 **9.1**	• I can count in steps of 2, 3, 5 and 10 forwards and backwards • I can count in tens from any given number. • I understand the place value of 2 digit numbers. • I can partition numbers in different ways. E.g. (23= 20+3: 23=10+13) • I can identify, represent and estimate numbers using different representations including number line • I can use <, > and = signs when comparing and ordering numbers • I can read and write numbers to at least 100 in word	**9.2** **9.1**	• I can derive and use related facts up to 100 • I can add and subtract numbers mentally, including: ○ A 2-digit number and ones ○ A 2-digit number and tens ○ Two 2-digit numbers • I can use the inverse relationship between addition and subtraction and use this to check calculation and solve missing number problems.	**9.2** **9.1**	I can recall and use multiplication and division facts for the 2, 5 and 10 times tables, • I can recognise odd and even numbers • I can record my work in a written form using mathematical symbols (see above) • I can show that multiplication of two numbers can be done in any order and • division of one number by another cannot	**9.2** **9.1**	• I can recognise, find, name and write fractions 1/3,, ¼,, 2/4 and 3/4 of a set of objects or quantity • I can recognise the equivalence of 2/4 and 1/2.
8.2 **8.1**	• I can count in steps of 2, 5 and 10 forwards and backwards • I can recognise the value of the tens digit in multiples of 10 • I can partition numbers into tens and ones using a number sentence • I am beginning to estimate • I can compare numbers from 0 to 100 using mathematical language • I can read and write numbers to at least 100	**8.2** **8.1**	• I can recall and use addition and subtraction facts to 20 fluently • I can add and subtract numbers using pictorial representations, including: A 2-digit number and ones • I can recognize the inverse relationship between addition and subtraction and use this to check calculation	**8.2** **8.1**	I can recall and use multiplication and • division facts for the 10 and 5 times tables	**8.2** **8.1**	• I can recognise, find, name and write fractions 1/3,, ¼,, 2/4 and 3/4 of a length • I can write simple fractions e.g. 1/2 of 6 = 3

7.2 **7.1**	• I can count in steps of 2, 5 and 10 forwards. • I can recognise the value of 1-digit number as a unit value • I can partition numbers into tens and ones using practical apparatus • I can order numbers from 0 to 100 • I can read and write numbers to 50 in words	**7.2** **7.1**	• I am beginning to recall and use addition and subtraction facts to 20 • I can add and subtract numbers using concrete objects, including: • Adding three 1-digit numbers • I can show that addition of two numbers can be done in any order and subtraction of one number cannot	**7.2** **7.1**	• I am beginning to recall and use multiplication and division facts for the 10 times tables	**7.2** **7.1**	• I can recognise, find, name and write fractions 1/3,, ¼,, 2/4 and 3/4 of a shape • I am beginning to write simple fractions e.g. 1/2 of 6 = 3

Problem Solving

- **I can use place value and number facts to solve problems.**
- **I can solve problems with addition and subtraction:**
  - ***using concrete objects and pictorial representations, including those involving numbers, quantities and measures***
  - ***applying my increasing knowledge of mental and written methods.***
- **I can solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.**
- **Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.**