

Purbrook Infant School

Division and Multiplication Medium Term Plan

Year Group: 2
Multiplication and Division

End of year expectations:

Multiplication and Division:

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
- show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Autumn	Spring	Summer
<p>Multiplication and Division:</p> <ul style="list-style-type: none"> • Continue counting in steps of 2, 5 and 10 forwards and backwards • Begin to relate counting in different steps to the 2, 5 and 10 times tables • Recognise the pattern when counting 2, 5 and 10. • Solve problems involving counting in steps of 2, 5 and 10. • Continue to solve problems involving grouping and sharing using practical apparatus and pictorial representations. • Continue to build upon understanding of repeated addition to solve problems. 	<p>Multiplication and Division:</p> <ul style="list-style-type: none"> • Solve problems involving counting in steps of 2, 5 and 10. • Continue to solve problems involving grouping and sharing using practical apparatus and pictorial representations. • Continue to build upon understanding of repeated addition to solve problems • Begin to develop use of the arrays to explore the relationship between multiplication and division. • Build upon understanding of repeated addition as multiplication. • Begin to develop understanding from repeated addition model towards multiplication using the \times symbol. • Begin to introduce the \div symbol. • Know that multiplication can be done in any order (commutative) but division cannot. 	<p>Addition and subtraction:</p> <ul style="list-style-type: none"> • Begin to use known multiplication and division facts for 2, 5 and 10 times tables to solve problems. • Use known multiplication facts to derive new known division facts. • Solve problems involving odd and even numbers, • Build on use of \div symbol to solve calculations, • Know that multiplication can be done in any order (commutative) but division cannot. • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, include problems in contexts.