

Summer Term

Lesson 1:	Week 10
Title	Understanding Multiplication and Division
Learning Objective:	<ul style="list-style-type: none"> ● multiply and divide numbers ● use multiplication and division vocabulary ● multiply and divide by 10 ● find unknown numbers.
Mental Warm Up:	What's my number operation?
Main Lesson Idea:	Today we are going to work on problems involving multiplication and division including finding unknowns.
Educational Challenges	<ul style="list-style-type: none"> ● Practise using multiplication and division function machines for two-step functions such as $\times 2 \times 10$. ● Use a cardboard box to make a function machine for $\times 1$ or $\times 2$. Use different colours of wool for each in/out pair of numbers. ● Practise using multiplication and division function machines for $\times 10$, $\times 3$ and $\div 10$.

Lesson 2:	Week 10
Title	Understanding Multiplication and Division
Learning Objective:	<ul style="list-style-type: none"> ● complete multiplication and division problems ● use multiplication and division vocabulary ● multiply up to 5×5 ● know our 2, 5 and 10 times-table facts ● use a symbol to stand for an unknown.
Mental Warm Up:	Multiplication and division
Main Lesson Idea:	Today we are going to use our ability to solve multiplication and division problems to find out what a symbol in a number sentence stands for.
Educational Challenges	<ul style="list-style-type: none"> ● Work out what symbols represent in number sentences. ● Make up some more number sentences with unknowns. Give one symbol a value of 10.

Lesson 3:	Week 10
Title	Multiplication and Division, Money and 'Real-life' Problems
Learning Objective:	<ul style="list-style-type: none"> ● multiply and divide ● use multiplication and division vocabulary ● know multiplication is repeated addition ● know simple multiplication and division facts ● recognise coins and solve money problems.
Mental Warm Up:	Counting in twos, fives and tens.
Main Lesson Idea:	Today we are going to work out how many of each coin we need to make a particular amount.
Educational Challenges	<ul style="list-style-type: none"> ● Work out how many coins are needed to total 20p, 40p, 60p and 80p. ● Show different ways of making 20p using coins. Make a record of how many of each coin you use. ● Work out how many coins are needed to total 20p, 40p, 60p, 80p and £1.

Lesson 4:	Week 10
Title	Understanding Multiplication, Mental Calculation Strategies
Learning Objective:	<ul style="list-style-type: none"> ● multiply ● use multiplication vocabulary ● check results ● solve money problems ● choose the correct way to answer a question.
Mental Warm Up:	Completing hundred squares
Main Lesson Idea:	Today we are going to calculate how much it costs to make different toy bugs when we know how much each of the parts cost.
Educational Challenges	<ul style="list-style-type: none"> ● Choose parts to make a toy bug that you would like to own. Use coins to calculate the cost. ● Choose parts to make a toy bug that you would like to own. How much would it cost? ● Choose parts to make a toy bug. Calculate how much two, three and four bugs would cost.

Lesson 5:	Week 10
Title	Understanding Multiplication and Division
Learning Objective:	<ul style="list-style-type: none"> ● understand multiplication ● understand words about multiplication ● check results by adding in a different order ● solve money problems ● choose the correct number operation.
Mental Warm Up:	Rapid recall of 2 times-table.
Main Lesson Idea:	Today we are going to continue finding totals using multiplication and addition.
Educational Challenges	<ul style="list-style-type: none"> ● I will put you into pairs. ● Design a creature costing between 90p and £1.20. ● Draw the creature. ● Check the total.