


Subject: Maths	Multiplication and Division A Unit Plan 	
Class: T8	Teacher: Scott Gillman	Term: 1+2
Key Vocabulary: Multiplication, division, multiples, factors, times tables, products, quotient, identity, zero, multiply, divide.	Alternative Learning Environments Forest school, walks around local area, local visits.	Resources: Power points, worksheets, youtube videos,

Unit Aim:

To develop a solid understanding of multiplication and division concepts, including times tables, factors, and the relationships between multiplication and division, while applying these skills to solve problems.

Prior Learning:

Students have previously learned about basic multiplication and division operations, as well as how to work with smaller numbers and understand their significance.

Future Learning:

Students will build on their multiplication and division knowledge as they explore more complex operations, including fractions, decimals, and multi-step word problems in later units.

Unit Expectations:

Students are expected to actively participate in class discussions, complete assignments on time, collaborate with peers, and demonstrate their understanding through tests and practical applications.

Links with other subjects:

ICT: Research and power point presentations.

Art: Creating posters

Literacy: Writing and reading skills

Week	
1 L4	<p>Lesson 1: Multiples of 3</p> <ul style="list-style-type: none"> - Learning Objectives: Understand and identify the multiples of 3. - Success Criteria: <ul style="list-style-type: none"> - List the first ten multiples of 3 accurately. - Identify real-life situations where multiples of 3 are applicable.
2 L4	<p>Lesson 2: Multiply and Divide by 6</p> <ul style="list-style-type: none"> - Learning Objectives: Learn how to multiply and divide numbers by 6. - Success Criteria: <ul style="list-style-type: none"> - Accurately perform multiplication and division operations involving the number 6. - Demonstrate the understanding of the relationship between multiplication and division facts.
3 L4	<p>Lesson 3: 6 Times-Table and Division Facts</p> <ul style="list-style-type: none"> - Learning Objectives: Master the 6 times-table and related division facts. - Success Criteria: <ul style="list-style-type: none"> - Recite the 6 times-table from memory and solve related division problems. - Use the 6 times-table to solve practical multiplication and division problems.
4 L4	<p>Lesson 4: Multiply and Divide by 9</p> <ul style="list-style-type: none"> - Learning Objectives: Learn how to multiply and divide numbers by 9. - Success Criteria: <ul style="list-style-type: none"> - Perform multiplication and division operations involving the number 9 accurately. - Explain how to derive division facts from multiplication facts.

5 L4	<p>Lesson 5: 9 Times-Table and Division Facts</p> <ul style="list-style-type: none"> - Learning Objectives: Master the 9 times-table and related division facts. - Success Criteria: <ul style="list-style-type: none"> - Recite the 9 times-table confidently and solve related division problems. - Apply the 9 times-table to real-life mathematical problems.
6 L4	<p>Lesson 6: The 3, 6, and 9 Times-Tables</p> <ul style="list-style-type: none"> - Learning Objectives: Compare and reinforce understanding of the 3, 6, and 9 times-tables. - Success Criteria: <ul style="list-style-type: none"> - Identify patterns and relationships among the 3, 6, and 9 times-tables. - Use these tables to solve multi-step problems.
Week	
7 L4	<p>Lesson 7: Multiply and Divide by 7</p> <ul style="list-style-type: none"> - Learning Objectives: Learn how to multiply and divide numbers by 7. - Success Criteria: <ul style="list-style-type: none"> - Accurately perform multiplication and division operations involving the number 7. - Explain the processes to derive division facts from multiplication.
8 L4	<p>Lesson 8: 7 Times-Table and Division Facts</p> <ul style="list-style-type: none"> - Learning Objectives: Master the 7 times-table and related division facts. - Success Criteria: <ul style="list-style-type: none"> - Recite the 7 times-table confidently and solve related division problems. - Apply the 7 times-table in various problem-solving scenarios.
9 L4	<p>Lesson 9: 11 Times-Table and Division Facts</p> <ul style="list-style-type: none"> - Learning Objectives: Master the 11 times-table and related division facts. - Success Criteria: <ul style="list-style-type: none"> - Recite the 11 times-table and solve corresponding division problems accurately. - Use the 11 times-table in practical everyday situations.

<p>10 L4</p>	<p>Lesson 10: 12 Times-Table and Division Facts</p> <ul style="list-style-type: none"> - Learning Objectives: Master the 12 times-table and related division facts. - Success Criteria: <ul style="list-style-type: none"> - Recite the 12 times-table from memory and perform related division operations. - Solve practical problems using the 12 times-table effectively.
<p>11 L4</p>	<p>Lesson 11: Multiply by 1 and 0</p> <ul style="list-style-type: none"> - Learning Objectives: Understand the identity property of multiplication and the effect of multiplying by 0. - Success Criteria: <ul style="list-style-type: none"> - Explain why multiplying by 1 results in the original number and why multiplying by 0 results in zero. - Solve problems involving multiplication by 1 and 0 accurately.
<p>12 L4</p>	<p>Lesson 12: Divide a Number by 1 and Itself</p> <ul style="list-style-type: none"> - Learning Objectives: Understand the properties of division by 1 and a number itself. - Success Criteria: <ul style="list-style-type: none"> - Explain why dividing a number by 1 gives the same number and why dividing a number by itself equals 1. - Solve division problems that incorporate these concepts.
<p>13 L4</p>	<p>Lesson 13: Multiply Three Numbers</p> <ul style="list-style-type: none"> - Learning Objectives: Understand how to multiply three numbers together. - Success Criteria: <ul style="list-style-type: none"> - Perform accurate multiplications involving three factors and demonstrate the associative property of multiplication. - Solve problems that involve multiplying three numbers in various contexts.