

YEAR 8

SUBJECT Numeracy

Learning Plan 2

Knowledge Focus: Number work



Ysgol Uwchradd  
Prestatyn  
High School

This half term : Skills, Knowledge and Understanding to be developed:

- Number bonds
- Place value
- Addition and subtraction
- Multiplication and division
- Times tables

Key Terms to be learned this half term:

Add, sum, subtract, minus, multiply, times, divide, share, factor, multiple, digit, millions, thousands, hundreds, tens, units, tables, negative, zero, half.

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| <b>Week 1 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Understand and use number bonds that sum to 20 including the use of negative numbers</li></ul>             |  | <b>Objective assessments:</b><br><b>Level 4:</b> Written addition and subtraction of whole numbers.<br><b>Level 5:</b> Add and subtract negative numbers.                    |   |
| <b>Week 2 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Understand, write and use numbers 0 to 1 000 000</li></ul>   |  | <b>Objective assessments:</b><br><b>Level 4:</b> Place value of digits in whole numbers.   | <b>Homework:</b><br>Revise and become fluent in using number bonds to 20.                 |
| <b>Week 3 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Develop methods for further understanding of addition of 3 digit whole numbers</li></ul>                   |  | <b>Objective assessments:</b><br><b>Level 3:</b> Mental addition and subtraction of 2 digit numbers.<br><b>Level 4:</b> Written addition and subtraction of whole numbers.   |   |
| <b>Week 4 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Develop methods for further understanding of subtraction of 3 digit from 4 digit whole numbers</li></ul>   |  | <b>Objective assessments:</b><br><b>Level 3:</b> Mental addition and subtraction of 2 digit numbers.<br><b>Level 4:</b> Written addition and subtraction of whole numbers.   | <b>Homework:</b><br>Revise and become fluent in the multiplying and dividing by 5 and 10. |
| <b>Week 5 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Consolidate understanding and use of the 2, 4 and 8 times tables</li></ul>                                 |  | <b>Objective assessments:</b><br><b>Level 3:</b> Multiplication tables 2,3,4,5 and 10 and associated division facts.<br><b>Level 4:</b> Multiplication tables up to 10 x 10. |   |
| <b>Week 6 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Develop methods for further understanding of multiplication of whole numbers by 10, 100 and 1000</li></ul> |  | <b>Objective assessments:</b><br><b>Level 4:</b> Multiplication and division of whole numbers  | <b>Homework:</b><br>Revise and become fluent in using the 2, 4 and 8 times tables.        |
| <b>Week 7 Learning Objectives:</b> <ul style="list-style-type: none"><li>• Develop methods for further understanding of division of 3 digit by 1 digit numbers</li></ul>              |  | <b>Objective assessments:</b><br><b>Level 4:</b> Multiplication and division of whole numbers  |   |