



Baljaffray Primary School  
Numeracy and Mathematics Home Learning for Absences

Second Level Numeracy and Mathematics  
Learning Steps Progression

**GAMES WEBSITES**  
for Multiple Concepts at Different Levels

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://www.topmarks.co.uk/maths-games/daily10>

<https://sct.mathgames.com/skills/>

<https://www.ictgames.com/mobilePage/index.html>

<http://www.snappymaths.com/>

<https://www.topmarks.co.uk/Flash.aspx?f=intheboxv2>

<https://mathsframe.co.uk/en/resources/resource/563/Snowball-Smash>

[http://www.mrcrammond.com/curriculum\\_for\\_excellence\\_maths.html](http://www.mrcrammond.com/curriculum_for_excellence_maths.html)

<https://www.transum.org/Software/Game/>



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Second Level Numeracy and Mathematics Learning Steps Progression			
SECOND LEVEL		PHASE 7: PRIMARY 6	
<b>Curriculum Organisers</b>	<b>Number and number processes</b> including addition, subtraction, multiplication, division and negative numbers	<b>Experiences and Outcomes</b>	<i>Having determined which calculations are needed, I can solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others. MNU 2-03a</i>
<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>• I can use my understanding of number structures to solve a range of mental addition and subtraction tasks beyond 1000</li> <li>• I can add and subtract multiples of 1 000 to whole numbers</li> <li>• I can use a range of strategies to add/subtract decimal fractions</li> <li>• I can use both mental strategies and algorithms to solve a variety of addition and subtraction tasks</li> <li>• I can choose and justify the most efficient method for the problem given</li> </ul>			
<b>USEFUL ONLINE GAMES</b> Partition Addition: <a href="https://www.ictgames.com/mobilePage/partitionAddition/">https://www.ictgames.com/mobilePage/partitionAddition/</a> Difference Demonstrator: <a href="https://www.ictgames.com/mobilePage/difference/">https://www.ictgames.com/mobilePage/difference/</a> Subtraction Grids: <a href="https://www.topmarks.co.uk/maths-games/subtraction-grids">https://www.topmarks.co.uk/maths-games/subtraction-grids</a> Loop Cards: <a href="https://www.topmarks.co.uk/Flash.aspx?f=loopcardsv6">https://www.topmarks.co.uk/Flash.aspx?f=loopcardsv6</a> Snowball Smash (addition; subtraction): <a href="https://mathsframe.co.uk/en/resources/resource/563/Snowball-Smash">https://mathsframe.co.uk/en/resources/resource/563/Snowball-Smash</a>			
<b>TEACHING</b> <a href="https://www.youtube.com/watch?v=S9UPx8LKZug">https://www.youtube.com/watch?v=S9UPx8LKZug</a> - Adding and Subtracting Multiples of 1000 from 4 digit Numbers <a href="https://www.bbc.co.uk/bitesize/articles/zsmmkty">https://www.bbc.co.uk/bitesize/articles/zsmmkty</a> - Adding Decimal Fractions with the same number of decimal places <a href="https://www.bbc.co.uk/bitesize/articles/z7s48xs">https://www.bbc.co.uk/bitesize/articles/z7s48xs</a> - Adding and Subtracting Decimal Fractions (column method) <a href="https://www.youtube.com/watch?v=-18qLbg1Gmk">https://www.youtube.com/watch?v=-18qLbg1Gmk</a> - Strategies for Mental Addition and Subtraction <a href="https://www.youtube.com/watch?v=3-BAuJabr6w">https://www.youtube.com/watch?v=3-BAuJabr6w</a> - Addition and Subtraction Mental Strategies			



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**WRITTEN TASKS (ALL IN FILES ON TEAMS)**

**Numbers to Millions: Addition and Subtraction**

SHM6, p1 - 10000, 100000, 1000000 more/less

SHM6, p3 - Adding/subtracting powers of 10

SHM6, p4 - Adding/subtracting powers of 10 using a calculator

**Addition**

SHM6, p9 - Addition of several two-digit numbers

SHM6, p10 - Addition of three-digit numbers, approximate totals

SHM6, p11 - Addition of three-digit numbers, bridging a multiple of 10

SHM6, p12 - Addition of three-digit numbers, bridging a multiple of 100

SHM6, p13 - Addition of three-digit numbers, bridging 1000

SHM6, p14 - Addition of four-digit multiples of 100

SHM6, p15 - Addition of four-digit numbers, no bridging/bridging a multiple of 10

SHM6, p16 - Addition of four-digit numbers, standard written method

SHM6, p17 - Addition of numbers up to four digits, standard written method

SHM6, p18 - Using and applying, calculator

**Subtraction**

SHM6, p19 - Subtraction of three-digit multiples of 10

SHM6, p20 - Subtraction of a three-digit number from a three-digit multiple of 10

SHM6, p21 - Subtraction of three-digit numbers, bridging a multiple of 10

SHM6, p22 - Subtraction of three-/four-digit numbers, no bridging/bridging a multiple of 10

SHM6, p23 - Subtraction, standard written method

SHM6, p24 - Subtraction, problem solving and enquiry

**Addition and Subtraction of Whole Numbers**

TeeJay Bk2a p8-9: Add/Subtract Whole Numbers

TeeJay Bk2a p9-10: Add/Subtract - Extra Practice



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**TJ Homework Book 2a Chapter 1: Whole Numbers 1 (Rounding; Addition and Subtraction of Whole Numbers)**

- Exercise 1, p1
- Exercise 2, p2
- Exercise 3, p2
- Exercise 4, p3
- Exercise 5, p3
- Revision Exercise, p4

**Addition and Subtraction of Decimal Fractions**

SHM6, p55 - Decimals: tenths, mental addition/subtraction  
SHM6, p56 - Decimals: tenths, written addition/subtraction  
SHM6, p63 - Decimals: hundredths, mental addition  
SHM6, p64 - Decimals: hundredths, written addition  
SHM6, p65 - Decimals: hundredths, mental subtraction  
SHM6, p66 - Decimals: hundredths, written subtraction  
TeeJay Bk2a p48-50: Adding or Subtracting Decimals

**TJ Homework Book 2a Chapter 5: Decimals 1 (Rounding; Addition and Subtraction of Decimal Fractions)**

- Exercise 1, p16
- Exercise 2, p17
- Exercise 3, p18
- Exercise 4, p18
- Exercise 5, p19
- Revision Exercise, p19

**White Rose Maths - Addition and Subtraction Resources**

Year 5 Addition and Subtraction Activities  
Year 5 Addition and Subtraction Challenges  
Year 5 Addition and Subtraction End of Unit  
Year 5 Addition and Subtraction End of Unit Answers

**White Rose Maths - Decimals Resources**

Year 5 Decimals Activities



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Year 5 Decimals Challenges  
Year 5 Decimals End of Unit  
Year 5 Decimals End of Unit Answers