

Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017 Alignment with Mathletics

Year 5 – Yearly Overview

|        | Week 1               | Week 2                   | Week 3   | Week 4   | Week 5 | Week 6                                     | Week 7        | Week 8                | Week 9        | Week 10       | Week 11 | Week 12 |
|--------|----------------------|--------------------------|--|--|--------|--|---------------|-----------------------|---------------|---------------|---------|---------|
| Autumn | Number – Place Value |                          | Number –<br>and Sub  | - Addition<br>btraction Statistics                       |        | Number –<br>Multiplication<br>and Division |               | Perimeter and<br>Area |               | Consolidation |         |         |
| Spring | Numbe<br>a           | r – Multip<br>nd Divisio | lication<br>on   | Number – Fractions Number –<br>Decimals &<br>Percentages |        |  |               |                       | Consolidation |               |         |         |
| Summer |                      | Number -                 | Imber – Decimals Geometry- Properties of Shapes Measurement-Converting Units |  |        | Measures<br>Volume                         | Consolidation |                       |               |               |         |         |

This alignment document has been based on the White Rose Maths Hub scheme of learning available on the TES website.

www.tes.com/teaching-resource/wrm-schemes-of-learningyears-1-to-6-block-1-place-value-11652624

www.mathletics.com

# Mathletics

### Content

### Examples of alignment to Mathletics

| Weeks 1-3 Number: Place Value                 | 01 |
|---|----|
| Weeks 4-5 Number: Addition and Subtraction    | 05 |
| Weeks 6-7 Statistics                          | 08 |
| Weeks 8-9 Number: Multiplication and Division | 10 |
| Weeks 10-11 Perimeter and Area                | 14 |
|   |    |

### Purpose:

The aim of this document is to support Mathletics teachers, who use the WRMH scheme of learning, to make full use of the resources available within Mathletics. Whenever possible, activities, pages from the eBooks or learning experiences on Rainforest Maths have been matched to each of the small steps on the WRMH scheme of learning.

In Mathletics, many eBooks are available in the student interface, however all eBooks are available to teachers through the teacher console. These topic-based eBooks contain practice and fluency exercises, along with application questions and games. Only a small selection of the relevant pages has been added to the document.

Links to Rainforest Maths, which can be found in the 'Play' area in the Mathletics student interface, have also been included as this resource has great visuals which work well on interactive whiteboards and give pupils further opportunities to practise their learning online.

#### Course selection:

A specific Mathletics course has been created in alignment with the WRMH scheme of learning. You may wish to set this course for your class/groups.

#### England Yr 05 WRMH Autumn Aligned



Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017



## Examples of alignment to Mathletics Weeks 1-3 Number: Place Value

| National Curriculum Objectives  | WRMH Small Steps   |  |
|---|--|--|
| <ul> <li>Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.</li> <li>Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.</li> </ul> | <ul> <li>Number to 10,000</li> <li>Roman numerals to 1,000</li> <li>Round to the nearest 10, 100 and 1,000</li> <li>Number to 100,000</li> </ul> |  |
| Interpret negative numbers in context, count<br>forwards and backwards with positive and<br>negative whole numbers including through zero.  | <ul> <li>Compare and order numbers to 100,000</li> <li>Round numbers within 100,000</li> <li>Numbers to a million</li> </ul>                     |  |
| Round any number up to 1000000 to the nearest<br>10, 100, 1000, 10000 and 100000.   | Counting in 10s, 100s, 1,000s, 10,000s and<br>100,000s   |  |
| Solve number problems and practical problems<br>that involve all of the above.  | <ul> <li>Compare and order numbers to a million</li> <li>Round numbers to a million</li> </ul>   |  |
| Read Roman numerals to 1000 (M) and recognise<br>years written in Roman numerals.   | Negative numbers   |  |

| Small step: Roman numerals to 1,000  |   |  |  |  |
|--|---|--|--|--|
| Convert to Roman Numerals.<br>68 LXVIII  Hindu-Arabic rumeral Reman numeral  | Topic: Number and Place Value<br>Activity: <i>Converting to Roman Numerals to 1000</i><br>Support explains the value of symbols for Roman numerals<br>and how the system works. Activity engages pupils in<br>converting to Roman numerals. Adaptive activity begins<br>with 2-digit numbers and progresses to 3-digit numbers. |  |  |  |
| Select IVXLCDM   | Activity: <i>Converting from Roman Numerals to 1000</i><br>Pupils state the number that relates to the Roman numeral<br>shown.  |  |  |  |
| Looking at whole numbers – Roman numerals<br>by the wave leaves the fact line large subscription $(1 + 2 - 3)^{-1} = 1 - 3 - 2 - 2 - 3 - 3$  | eBook, F series: Number and place Value, page 9<br>Explains and models examples of Roman numerals<br>beyond 1,000.<br>Exercises to convert to and from Roman numerals.  |  |  |  |
| Nomen       Nummercels.         Province       Province       Province         Province       Province | Rainforest Maths— Level F — Numbers: Roman numerals<br>Explains and models Roman numerals up to 9,999.<br>Click on the Roman numerals quiz for more practice.   |  |  |  |

# Mathletics

#### Small steps:

- Round to the nearest 10, 100 and 1,000
- Round numbers within 100,000
- Round numbers to a million

| 50,834<br>Number  | Nearest thousand | Topic: Number and Place Value<br>Activity: <i>Rounding Numbers</i><br>Pupils round numbers to the nearest 10, 100 and 1,000.  |
|---|------------------|---|
| Round and estimate — estimate We use estimating when we want an approximate answer to a calculation. Rounding helps us do this. We round numbers so we can work with them more easily in our heads. Look at 333 + 521. Rounded to the nearest 10, they are 330 and 520. 330 + 520 = 850 Therefore 333 + 521 is approximately 850. |                  | eBook, F series: Number and Place Value, page 20+<br>Explains rounding and the concept of estimating.<br>Exercises to practise the concept, followed by some<br>trickier problems to explore. |
|   |                  |   |



Rainforest Maths- Level F- Number – Rounding to nearest 10, 100 and 1000 Activity to practise rounding to nearest 10, 100 or 1,000.

#### Small steps:

- Number to 10,000
- Number to 100,000
- Numbers to a million



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| Looking at whole numbers – read and write numbers to 999,999         Or fire and sic digit numbers, we say the digits representing the thousands together, followed by the hundreds, its and units.         Image: the hundred is a digit number is and in the hundred is a digit number is and in the hundred is and intervent is the hundred is a digit number is and intervent is the hundred is and number is and intervent is the hundred is and number is and intervent is the hundred is and number is and number is the thousands we usually upparte off the thousands digits with a commutation is the number above would be written: \$23,794         Image: Spress the following in numbers:         Image: hundred is numbers:         Imag  | eBook, F series: Number and Place Value, page 2<br>Explanation and exercises to secure understanding of<br>place value for numbers to 999,999.           |  |  |  |  |
|---|--|--|--|--|--|
| Small steps:<br>• Compare and order numbers to 100,000<br>• Compare and order numbers to a million  |  |  |  |  |  |
| Looking at whole numbers – create and compare numbers U us the following digits to make:           1         7         3         6         4           • The highest number         b         The lowest odd number   | eBook, F series: Number and Place Value, page 4<br>Exercises to practise ordering numbers to 999,999.  |  |  |  |  |
| Looking at whole numbers - order numbers to 999,999<br>When ordering numbers, we need to pay close attention to the position and value of each digit.<br>Which is the largest? 6,093 3,069 3,060 6,039<br>Circle the larger number:<br>a (8,434 / 8,340) b (5,492 / 5,692) c (17,015 / 17,150)  | eBook, F series: Number and Place Value, page 6<br>Exercises to secure understanding of comparing, creating<br>and ordering numbers to 999,999.          |  |  |  |  |
| Contering numbers to 999 999. Conte | Rainforest Maths — Level F: Number to 999 999 — Order<br>Activities to order three 6-digit numbers.  |  |  |  |  |
| Small step: Negative numbers  |  |  |  |  |  |
| -40 -35 -30 -25 -20 -15 -10<br>The number shown is -37 . ✓  | <b>Topic: Number and Place Value</b><br><b>Activity: Integers on a Number Line</b><br>Pupils identify positive and negative numbers on a number<br>line. |  |  |  |  |
| Looking at whole numbers – negative numbers         Whole numbers don't start from 0. We can also have negative whole numbers. $-10 - 9 - 8 - 7 - 6 - 5 - 4 - 3 - 2 - 1 0 1 2 3 4 5 6 7 8 9 10$ The most common use of negative numbers in real life is when discussing temperatures. Water freezes at 0°C, so 2 degrees below freezing is -2°C.         Sometimes you will bear negative numbers referred to as 'minus' numbers, but to avoid confusion with subtraction, it is clearer to describe, say, "-4" as negative 4 rather than 'minus 4.   | eBook, F series: Number and Place Value, page 8<br>Explains and shows negative numbers on a number line.<br>Includes exercises to reinforce the concept. |  |  |  |  |

#### Positive and negative numbers. Negative numbers are Negative numbers are Negative numbers are Negative numbers (sea than zero) Positive numbers (sea than zero) Negative number (sea than zero) Positive number (sea than zer

# Rainforest Maths — Level F — Number: Positive and Negative Numbers

Enables pupils to see counting patterns along a number line, going back past zero.

**Mathletics** 

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### Examples of alignment to Mathletics Weeks 4-5 Number: Addition and Subtraction

| National Curriculum Objectives  | WRMH Small Steps  |
|---|---|
| <ul> <li>Add and subtract numbers mentally with increasingly large numbers.</li> <li>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction). Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.</li> </ul> | <ul> <li>Add whole numbers with more than 4-digits (column method)</li> <li>Subtract whole numbers with more than 4-digits (column method)</li> <li>Round to estimate and approximate</li> <li>Inverse operations (addition and subtraction)</li> </ul> |
| Solve addition and subtraction multi-<br>step problems in contexts, deciding which<br>operations and methods to use and why   | Multi-step addition and subtraction problems  |

When assigning activities with addition and subtraction calculations that do not have spaces for recording any regroupings, consider getting pupils to record the calculation in their Maths books, then answer the question on Mathletics. Pupils can then self-mark their work after each question, receiving instant feedback to support their learning. If they realise they have made a mistake they can do the correction in their book immediately. In Mathletics, pupils will be shown the correct answer. If they cannot see where they have gone wrong in their calculations they can access the support button in the activity and it will take them through the exact question they have just answered incorrectly.

Encourage students to use the strategies they are being taught in class and to use manipulatives if needed.

If they are not recording in their Maths books, it is necessary that pupils have whiteboards or other means of recording so that they can record their working out and use the strategies they are learning in class.

With most activities, including these calculation activities, questions are generated from a pool of questions allowing students to complete the activities more than once without getting the same set of questions.

### Small step: Add whole numbers with more than 4-digits (column method)

| 7,955   | Topic: Addition and Subtraction  |  |  |
|---------|--|--|--|
| + 469   | Activity: Adding Colossal Columns (UK)   |  |  |
| 8,424 🗸 | This adaptive activity works through adding 3 digits and<br>moves on to adding 4 digits, with examples that involve<br>exchanging. |  |  |

# Mathletics



Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017



#### Small step: Round to estimate and approximate 782 + 952 ≈ **Topic: Addition and Subtraction** Activity: Estimate Sums 1,400 1,800 Pupils use rounding to help them estimate the answer to additions with larger numbers. 1,600 1,300 **Further Activities:** Estimate Differences Hint Estimation: Add and Subtract Round each number to the ne to the r st 10 0 78779 78778 Rainforest Maths - Level F - Rounding 78777 78776 to round the nu UP or DOWN 78775 Activities for pupils to practise rounding to the nearest 10, 78774 100 and 1,000. Layout reinforces concept of rounding. 78773 78772 78771 78770 s at the l ts in the Small step: Multi-step addition and subtraction problems Applying strategies – choosing when to add or subtract Sometimes we come across problems that require us to both add and subtract or to make a choice between which one to use. Understanding key language terms can help with this decision. eBook, G series: Addition and Subtraction, page 15 Explores the vocabulary of word problems that help Below are some terms you come across in addition and subtraction word problems. Colour any terms that ask you to add in red. Colour any terms that ask you to subtract in green. pupils to decide whether a problem requires addition or (Find the difference between \_\_\_\_) (What is the total?) minus subtraction. Who has less? Who has more? Who has more? Problem solving exercises include putting addition and (Find the difference between ...) (How many more ... than ...?) subtraction into real-life scenarios. Stef and Marly's parents give each of them £10 pocket money each week. They must use some of it to buy their lanch from the school canteen every Friday. Written methods - word problems Some word problems have more than one step and may involve more than one type of operation. Look at this problem: Torik scored 10,357 points on level 1 of his new game. He then scored 9,321 points on level 2 but hod a 3,000 point penalty for being slow. How many points did he have in total on the two levels? Can you see which operations you need to do to solve this problem? You need to add the points totals for the two levels, but then subtract the penalty points. eBook, F series: Addition and Subtraction, page 25 Explains and gives examples of two-step problems. TTh Th H T O 1 0 3 5 7 + 9 3 2 1 19,678 - 3,000 = 16,678 Incudes exercises for pupils to practise two-step addition 1 9 6 7 8 and subtraction problems. Solve these 2-step word proble a It is a 5,576-kilometre flight From London to New York. From New York to Los Angeles is 3,940 kilometres. If a plane has enough fuel to go 30,000 kilometres, could it get to Los Angeles from London without stopping? If so, how many kilometres-worth of fuel would it have left in its tanks when it lands?



### Examples of alignment to Mathletics Weeks 6-7 Statistics

| National Curriculum Objectives   | WRMH Small Steps   |
|--|--|
| <ul> <li>Solve comparison, sum and difference<br/>problems using information presented in a line<br/>graph.</li> <li>Complete, read and interpret information in<br/>tables including timetables.</li> </ul> | <ul> <li>Read and interpret line graphs</li> <li>Draw line graphs</li> <li>Use line graphs to solve problems</li> <li>Read and interpret tables</li> <li>Two way tables</li> <li>Timetables</li> </ul> |

#### Small steps:

- Read and interpret line graphs
- Draw line graphs
- Use line graphs to solve problems



#### Data ... line graphs. A les graph uses lines to gen ports representing each score. Dectes moding line graphs. D

#### Line graphs – reading line graphs

Using graphs show how something changes over time in relation to something else. In this topic, we'll look at different examples of line graphs. Look at the line graph below. See how the more time passed, the higher the water gas? In which hour was the water 8 metres deep? Look below for how we read this information:

#### Topic: Statistics

#### Activity: Line Graphs: Explanation

Read and interpret information in a line graph. Some of the questions in this activity do include finding the range but it is well scaffolded through the support.

#### Rainforest Maths – Level F – Data

Explores pictograms, bar graphs, pie charts and line graphs.

Pupils can input data to construct a line graph.

#### eBook, F series: Statistics, page 9

Explains how to read and also construct line graphs. Includes exercises to practise finding information from line graphs and constructing graphs.

Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017



#### Small step: Read and interpret tables



#### eBook, F series: Statistics, page 15

Explains how to read data from a table and gives examples of how tables are used from real-life scenarios. Includes exercises to practise finding information and putting information in a table.

#### Topic: Statistics Activity: Interpreting Data Tables This activity includes two-step proble

This activity includes two-step problems requiring careful reading and interpreting of the table.

#### Small step: Timetables

How long does it take to travel from Cambridge to Turtle Street? TIME Cambridge e 3.20 1 hr 34 min St Peter's 3:45 Holden 4:21 1 hr 36 min Turtle Street 4:58 Richmond 5:22 1 hr 38 min 5:34 5:46 Davidson Williton 1 hr 40 min Quedale 6:08 Fog's Gap 6:20 Trinity 6:34

### Topic: Statistics Activity: *Using Timetables*

This adaptive activity begins by asking pupils to locate information on the timetable. It progresses to asking pupils to work out the time that has elapsed between two times on the timetable.



### Examples of alignment to Mathletics Weeks 8-9 Number: Multiplication and Division

| National Curriculum Objectives  | WRMH Small Steps   |
|---|--|
| <ul> <li>Multiply and divide numbers mentally drawing upon known facts.</li> <li>Multiply and divide whole numbers by 10, 100 and 1000.</li> <li>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.</li> <li>Recognise and use square numbers and cube numbers and the notation for squared (<sup>2</sup>) and cubed (<sup>3</sup>).</li> <li>Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.</li> <li>Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.</li> <li>Establish whether a number up to 100 is prime and recall prime numbers up to 19</li> </ul> | <ul> <li>Multiples</li> <li>Factors</li> <li>Common factors</li> <li>Prime numbers</li> <li>Square numbers</li> <li>Cube numbers</li> <li>Inverse operations (Multiplication and Division)</li> <li>Multiply by 10, 100 and 1,000</li> <li>Divide by 10, 100 and 1,000</li> <li>Multiply and divide by multiples of 10, 100 and 1,000</li> </ul> |

#### Small step: Multiples



Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017



| Multiplication facts - factors and multiples.         Factors are the numbers we multiply together to get to another number:         factor       x         flow many factors does the number?         How many factors does the number?         4, 1, 6, 2, 1 and 12 are all factors of 12.         is the factor of these number:         a       18         c       14         d       9   | eBook, F series: Multiplication and Division, page 1<br>Explains concept of multiples and factors and includes<br>exercises to practise finding multiples and factors.   |  |  |
|---|--|--|--|
| Small step: Prime numbers   |  |  |  |
| Multiplication facts – prime and composite numbers         A factor is a number that divides equally into another number.         5 × 4 = 20         20 arranged in 5 rows means 4 in each row.         5 and 4 are factors of 20.         Image: The second s | eBook, F series: Multiplication and Division, page 3<br>Explains prime and composite numbers and provides<br>exercises to secure understanding.  |  |  |
| Is 11 prime or composite?<br>11 → 1 & 11 Composite<br>Only factors<br>are itself and<br>2 factors<br>11 is prime.<br>Count the factors.   | Topic: Multiplication and Division<br>Activity: <i>Prime or Composite?</i><br>Pupils are given a number and asked to decide if it is a<br>prime or composite number.<br>Includes a video that explains the support area further.                                 |  |  |
| Small step: Square numbers  |  |  |  |
| Multiplication facts - square numbers         A square number is a number multiplied by itself. $1 \times 1 = 1$ $2 \times 2 = 4$ $1^2 = 1$ $2^2 = 4$ $1^2 = 1$ $2^2 = 4$ $3^2 = 9$ If show these square numbers on the grid and write what they are equal to: $a = 4^3 = 1$ $b = 6^3 = 1$ $c = 5^3 = 1$ $a = 4^3 = 1$ $b = 6^3 = 1$ $a = 2^3 = 1$  | eBook, F series: Multiplication and Division, page 5<br>Explains concept of square numbers with activities<br>designed to practise learning.   |  |  |
| $4^{2} = 4 \times 4$ $= 16$ $4^{2} = 4 \times 4$ $4^{2} = 4 \times 4$ $4^{2} = 4 \times 4$ $4^{2} = 16$ $5^{2} = 25$ $6^{2} = 36$ $7^{2} = 49$ $8^{2} = 64$ $9^{2} = 81$ $10^{2} = 100$ $11^{2} = 121$ $12^{2} = 144$   | <b>Topic: Multiplication and Division</b><br><b>Activity: Square Roots</b><br>Although this activity is focused on finding the square roots,<br>the support uses the square numbers to show the pupils<br>the square root. Also included is a video (see below). |  |  |

# Mathletics



Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017



#### Small step: Divide by 10, 100 and 1,000



### Topic: Multiplication and Division Activity: *Dividing by 10,100 and 1,000*

The video gives a clear explanation and models what happens when a number is divided by 10. The animated support also models division by 100 and 1,000.

 When we divide by 10 we move the number one place value to the right.

 When we divide by 10 we move the number too place values to the right.

 When we divide by 100 we move the number too place values to the right.

 Under the divide by 1000 we now the number too place values to the right.

 Look what happens to 45,000 when we apply these rules:

 Image: the divide by 1000 we now the number the place values to the right.

 Look what happens to 45,000 when we apply these rules:

 Image: the divide by 1000 we now the number the place values to the right.

 Image: the divide by 1000 we now the number the place values to the right.

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eBook, F series: Multiplication and Division, page 17 Explains dividing by 10s, 100s and 1,000s. Activities to practise.

#### Small step: Multiply and divide by multiples of 10, 100 and 1,000



Rainforest Maths — Level F — Multiplication by 10s Exercises to practise multiplying by 10, 100 and 1,000 and also by multiples of 10.

#### Small step: Inverse operations (Multiplication and Division)





Topic: Multiplication and Division Activity: *Fact Families: Multiply and Divide* Practise multiplication and division facts through their inverse relationship.

Rainforest Maths — Level F: Multiplication strategies — inverse operations

Use multiplication facts to find the two related division facts.



## Examples of alignment to Mathletics Weeks 10-11 Perimeter and Area

| National Curriculum Objectiv   | ves  | WRMH Small Steps   |  |  |  |
|--|--|--|--|--|--|
| <ul> <li>Measure and calculate the perimeter composite rectilinear shapes in cm a</li> <li>Calculate and compare the area of r (including squares), and including us standard units, cm<sup>2</sup>, m<sup>2</sup> estimate the irregular shapes.</li> </ul>   | of<br>Ind m.<br>rectangles<br>sing<br>area of  | <ul> <li>Measure perimeter</li> <li>Calculate perimeter</li> <li>Find unknown lengths</li> <li>Area of rectangles</li> <li>Area of compound shapes</li> <li>Estimate and approximate area</li> </ul> |  |  |  |
| Small steps:<br>• Measure perimeter<br>• Calculate perimeter   |  |  |  |  |  |
| Perimeter = 30 cm $\checkmark$   | <b>Topic: Length, Perimeter and Area</b><br><b>Activity: </b> <i>Perimeter of Shapes</i><br>Rectangles and squares are shown on a grid. Pupils<br>calculate the perimeter in metric units. |  |  |  |  |
| Calculate the perimeter.   | Topic: Ler<br>Activity: C<br>No grid us<br>metric uni  | <b>Agth, Perimeter and Area</b><br>Calculate Perimeter of Squares and Rectangles<br>aed in this activity. Calculate the perimeter in<br>its.   |  |  |  |
| Parimeter – perimeter of shapes<br>These regular polygons" have sides of equal lengths.<br>These regular polygons" have sides of equal lengths.<br>2  cm $2  cm$ | eBook, F s<br>Explains t<br>Includes e<br>rectangle<br>irregular s   | eries: Length, Perimeter and Area, page 16+<br>he concept of measuring perimeter.<br>exercises to measure perimeter of squares and<br>s, then other regular shapes, moving on to<br>shapes.          |  |  |  |

Year 5 White Rose Maths Hub (WRMH) Autumn Scheme of Learning, 2017



#### Small step: Find unknown lengths



#### Topic: Length, Perimeter and Area Activity: *Perimeter Detectives 1*

Students are shown only some of the lengths for a rectangle or square and must calculate the length of each side to work out the perimeter.

#### Small step: Area of rectangles



#### Topic: Length, Perimeter and Area Activity: *Area: Squares and Rectangles*

The video accompanying this activity explains and models how to calculate perimeter and area of squares and rectangles. It also explains how to find the area of a triangle. **Activity:** The activity practises the learning covered in the video which calculates the area of squares and rectangles.



#### eBook, F series: Length, Perimeter and Area, page 25 Explains concept of measuring area of rectangles. Exercises to practise.

#### Small step: Area of compound shapes



#### eBook, F series: Length, Perimeter and Area, page 26 Explores measuring area of compound shapes and provides more challenging exercises to explore the concept of area.

#### Topic: Length, Perimeter and Area Activity: *Area: Compound Figures*

Pupils are encouraged to calculate the area of the compound figures by splitting the overall shape into smaller, familiar shapes (rectangles and squares).

# Mathletics

| Live Mathletics |   |  |  |
|-----------------|---|--|--|
|                 | What's in level 4?                            |  |  |
|                 | Addition from 1 - 100                         | Subtraction from 1 - 100                   |  |
|                 | 35 + 30 + 10 = ?                              | 30 - 6 = ?                                 |  |
|                 | Times tables to 10 × 10                       | Doubles and halves up to 100               |  |
|                 | 8 × 6 = 7                                     | Half of 96 = ?<br>Check                    |  |
|                 | 2s, 3s, 4s, 5s and 10s division facts         | Addition from 1 - 50 with a missing addend |  |
|                 | 30 + 3 = 7<br>Check                           | 25 + 7 = 50                                |  |
|                 | Times tables to 10 × 10 with a missing factor |  |  |
|                 | 7 × 7 = 49                                    |  |  |
|                 |   |  |  |

Live Mathletics engages pupils in one minute games where they are challenged to recall Maths facts.

To support progress in Year 5, pupils should use Level 4 and possibly Level 5 as a challenge.

Teachers can set minimum levels in Live Mathletics by clicking the switch to old Mathletics button, selecting results, and selecting minimum levels on the left-hand side of the page. Students can still access higher levels once you set a minimum level, so encourage students to challenge themselves and move on to the next level when they are ready.

(Note: Live Mathletics levels are a sliding scale, with no relationship to classes or old National Curriculum levels.)











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