

## Early Morning Maths



Early Morning Maths (EMM) starts part way through Year 1 and builds up through the year groups. Its aim is to provide consolidation opportunities, to allow concepts and information to move into long term memory and to create opportunities for pre-teaching.





### Example of Year 1 Early Morning Maths

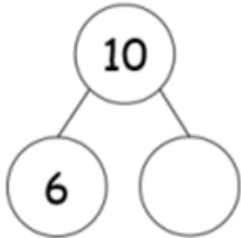
### Example of Year 1 questions

Flashback 4

Year 1 | Week 1 | Day 1

1) 

2) What is the shape? 

3) 

4) Write the numeral for **seven**.

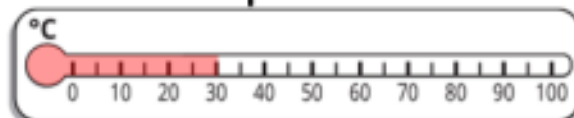

The White Rose Maths logo, featuring a rose and the text 'White Rose Maths'.

## Example of Year 2 Early Morning Maths

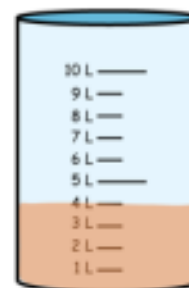
### Flashback 4

Year 2 | Week 1 | Day 1

- 1) What temperature is shown?



- 2) There are  litres of juice.



- 3) Write the heights in order from shortest to tallest.

91 cm

70 cm

88 cm

- 4) How many sides does this shape have?





## SILENCE

1

$95 - 7 = \underline{\hspace{2cm}}$



The whole is \_\_\_\_\_.

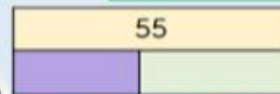
One half of \_\_\_\_\_ is \_\_\_\_\_



2

17	
14	3

$$55 - 27 = 28$$



$$= 56 - 29$$

Half of  $40 - 14 =$

$$\begin{array}{r} 672 \\ \cdot 335 \\ \hline \end{array}$$

$$\begin{array}{r} 867 \\ - 338 \\ \hline \end{array}$$

$$\begin{array}{r} 584 \\ + 326 \\ \hline \end{array}$$

$3 \times 3 =$

$7 \times 3 =$

$5 \times 3 =$

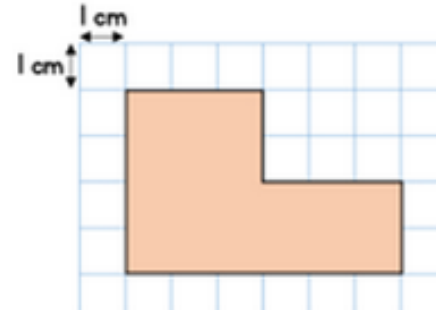


Finished? Grab an Ipad and login to

Example of Year 4 Early Morning Maths

13.1.23

Calculate the perimeter of the shape.



- 1) Write a subtraction to check the answer  
 $3,518 + 783 = 4,301$
- 2) Find the difference between 5,438 and 1,949
- 3) Round 923 to the nearest thousand.
- 4) Use  $<$ ,  $>$  or  $=$  to compare.

1 metre   $75 \text{ cm} + 25 \text{ cm}$

Use digit cards 1 to 5 to complete the comparisons:

$$564 \square < \square 73 \square$$

$$2 \square 38 > 23 \square 5$$

You can only use each digit once.

1 2 3 4 5

## Example of Year 5 Early Morning Maths

### Early Morning Maths - 30.1.23

1.  $35 \times 21 =$
2. Here is a number written in Roman numerals. Write the number in figures.

CXXIV

3.  $3.7 + 1.015$
  4.  $\frac{1}{4} + \frac{1}{2} =$
  5.  $574 \div 7 =$
  6.  $0.3 \div 10 =$
  7.  $2^3$
- 

### Problem solving:

Write down three factors of 28 that are not factors of 20.



## Example of Year 6 Early Morning Maths

### Example of Year 6 (plus teacher questions on board and a workbook)

#### Fluency

Complete these questions.

1.  $4924 - 1000 =$

Reveal answer

2.  $\square = 0.04 \div 10$

Reveal answer

3.  $8\frac{5}{6} + 1\frac{2}{3} =$

Reveal answer

4.  $\frac{6}{5} \div 3 =$

Reveal answer

5.  $74 \times 42 =$

Reveal answer

6.  $\frac{4}{6} \times \frac{3}{5} =$

Reveal answer

#### Problem Solving

A shop has blackcurrant juice, orange juice and strawberry juice bottles in a ratio of 5 : 5 : 3. If there are 1025 orange juice bottles, then how many juice bottles in total are there?

Reveal answer

#### Reasoning

George says, " $40 \times 6 = 60 \times 4$ ."

Is he correct?

Explain your reasoning.

⑨ Factors of 32

⑩ Difference between

a)  $-18$  and  $4$

b)  $6$  and  $-6$

c)  $-2$  and  $-22$

⑪  $100 + 63 \times 2$

⑫  $6^2 - \sqrt{25}$

⑬  $6a = 18$ ,  $a = \square$

⑭  $6a + 2 = 20$ ,  $a = \square$

⑮ 1% of 520

⑯ 2% of 520

⑰ 10% of 520

⑱ 50% of 520

⑲ 51% of 520

