Year 6 Learning Grid

Please remember to read every single day. If you complete all of the tasks for each day remember to use your login cards to explore Espresso, Purple MASH and Charanga to complete extra tasks and play learning games.

The Right of the fortnight https://www.unicef.org.uk/rights-respecting-schools/resources/teaching-resources/guidance-assemblies-lessons/article-of-the-week/)

Day 1	Day 2	Day 3	Day 4	Day 5
English	English	English	English	English
30mins – Reading Lessons on 'Reading Plus' or 'Bug Club'.	30mins - Reading Lessons on 'Reading Plus' or 'Bug Club'.	30mins - Reading Lessons on 'Reading Plus' or 'Bug Club'.	30mins - Reading Lessons on 'Reading Plus' or 'Bug Club'.	30mins - Reading Lessons on 'Reading Plus' or 'Bug Club'.
15mins - reading your school reading book/home reading book.	15mins - reading your school reading book/home reading book.	15mins - reading your school reading book/home reading book.	15mins - reading your school reading book/home reading book.	15mins - reading your school reading book/home reading book.
10mins - practicing spellings on spelling shed.	10mins - practicing spellings on spelling shed.	10mins - practicing spellings on spelling shed.	10mins - practicing spellings on spelling shed.	10mins - practicing spellings on spelling shed.
20mins - writing activity Write a blurb for a new Michael Morpurgo book called "War Dog". The story is set in WW1. Create a paragraph which will let readers know what to expect in the book.	20mins - writing activity Research Michael Morpurgo's books, what do they have in common? See if you can research where he gets his inspiration for writing from?	40mins - writing activity Plan and write a letter to our chosen author, Michael Morpurgo. Think of some fantastic questions you would like him to answer in his reply	20mins - writing activity Write 3 sentences about Emmelie which have a fronted adverbial. Write 3 sentences about Granpapa which have a relative clause. Write 3 sentences about the trenches which have expanded noun phrases.	20mins - writing activity Write a paragraph to persuade Mr Mullen and Miss McDonald which book we should read next for our dream time book.

Year 6 Learning Grid

Maths	Maths	Maths: Reasoning	Maths: Reasoning	Maths: Reasoning
30mins – Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-5/ Click video 1. Follow the learning and complete the worksheet attached. 20mins – maths shed practising key skills	30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-5/ Click video 2. Follow the learning and complete the worksheet attached. 20mins – maths shed practising key skills	30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-5/ Click video 3. Follow the learning and complete the worksheet attached. 20mins – maths shed practising key skills	30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-5/ Click video 4. Follow the learning and complete the worksheet attached. 20mins – maths shed practising key skills	30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-5/ Click video 5. Follow the learning and complete the worksheet attached. 20mins – maths shed practising key skills
Art (Architecture) 30mins Research famous local buildings. Sketch one of them and explain why you chose to draw it.	MFL 30mins Research the colours: red, blue, green, yellow, white, black, brown, pink and orange in French, Spanish and Italian. Can you spot any similarities?	Computing 30mins Write a set of instructions to help people create a safe username and password for each app/site they use.	Science (Electricity) 30mins Research electrical safety in the home. Create a poster with advice on how people can avoid electrical injuries in their own house.	History (WW1) 30mins Research the animals used during WW1. Write a short paragraph on each one to explain the tasks they were given and why.
Daily PE Lesson 30 mins each day choose from: • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube	Daily PE Lesson 30 mins each day choose from: • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube	Daily PE Lesson 30 mins each day choose from: • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube	Daily PE Lesson 30 mins each day choose from: • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube	Daily PE Lesson 30 mins each day choose from: • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube

Divide 4-digits by 1-digit

White Rose Maths

1 a) Circle the groups of 3 to help you complete the sentences and calculation.

The first step has been done for you.

Th	H	T	O

		1		
3	3	9	3	6

There is [1] group of 3 thousands.

There are [ ] groups of 3 hundreds.

There is [ ] group of 3 tens.

There are [ ] groups of 3 ones.

3,936 ÷ 3 = [   ]

b) Use the place value chart to work out 8,404 ÷ 4

Th	H	T	O

4	8	4	0	4

8,404 ÷ 4 = [   ]

2 Use the place value charts to work out the divisions.

a) 8,532 ÷ 2 = [   ]

Th	H	T	O

	2	8	5	3	2

b) 5,296 ÷ 4 = [   ]

Th	H	T	O

	4	5	2	9	6

c) 6,078 ÷ 6 = [   ]

Th	H	T	O

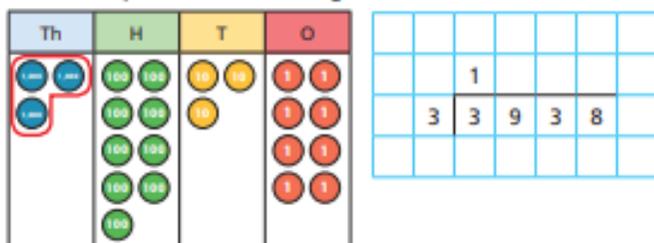|				
	6	6	0	7	8

© White Rose Maths 2019

Divide with remainders

1 a) Circle the groups of 3 to help complete the sentences and calculation.

The first step has been done for you.

Th	H	T	O

	1			
3	3	9	3	8

There is [1] group of 3 thousands.

There are [ ] groups of 3 hundreds.
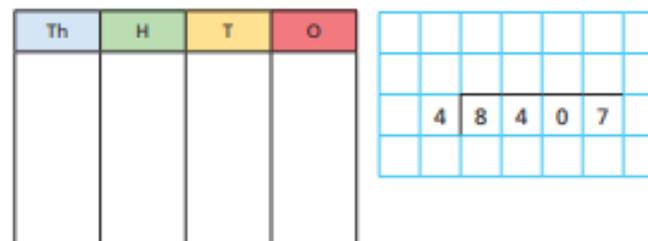
There is [ ] group of 3 tens.

There are [ ] groups of 3 ones.
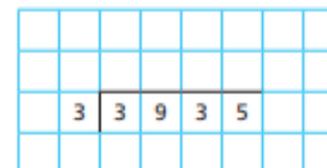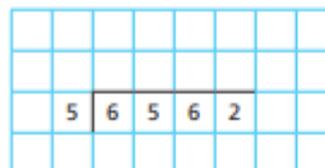
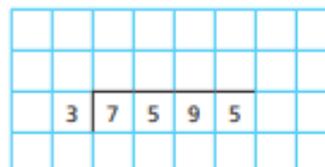There are [ ] ones left over.

3,938 ÷ 3 = [   ] remainder [ ]

b) Use place value counters to work out 8,407 ÷ 4

Th	H	T	O

		4	8	4	0	7

8,407 ÷ 4 = [   ] remainder [ ]

2 a) Complete the divisions.

Use place value counters to help you.

3	7	5	9	5

4	8	5	6	7

5	6	5	6	2

3	3	9	3	5
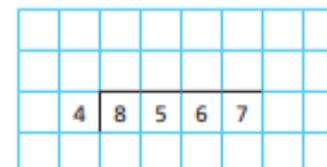
b) Write <, > or = to complete the statements.

7,595 ÷ 3 ◯ 8,567 ÷ 4

6,562 ÷ 5 ◯ 3,935 ÷ 3

Short division

1 Complete the divisions.

a)

| 5 | 5 | 6 | 5 |

| 5 | 6 | 6 | 5 |

| 5 | 4 | 6 | 5 | 0 |

b)

| 3 | 9 | 6 | 3 |

| 3 | 9 | 7 | 2 |

| 3 | 2 | 0 | 7 | 9 |

2 Continue the sequence.

12, 24, 36, 48, 60, ☐, ☐, ☐, ☐

Complete the short divisions.

| 12 | 6 | 2 | 5 | 2 |

| 12 | 2 | 0 | 0 | 4 |

| 12 | 1 | 1 | 8 | 8 |

3 Match each division to the remainder.

756 ÷ 4   r0   756 ÷ 2

757 ÷ 4   r1   756 ÷ 3

758 ÷ 4   r2   756 ÷ 4

759 ÷ 4   r3   756 ÷ 5

760 ÷ 4   r4   756 ÷ 6

r5

4 Complete the calculations.

a) 637 ÷ 5 = ☐

b) 1,036 ÷ 8 = ☐

c) Two thousand divided by eleven is equal to _____

_____

d) 297 ÷ ☐ = 3

© White Rose Maths 2020

Division using factors

White Rose Maths

1 Complete the divisions using factors.

a)

$260 \rightarrow \boxed{\div 10} \rightarrow \boxed{} \rightarrow \boxed{\div 2} \rightarrow \boxed{}$

$260 \div 20 = \boxed{}$

b)

$360 \rightarrow \boxed{\div 10} \rightarrow \boxed{} \rightarrow \boxed{\div 3} \rightarrow \boxed{}$

$360 \div 30 = \boxed{}$

c)

$240 \rightarrow \boxed{\div 10} \rightarrow \boxed{} \rightarrow \boxed{\div 6} \rightarrow \boxed{}$

$240 \div \boxed{} = \boxed{}$

d)

$480 \rightarrow \boxed{\div 4} \rightarrow \boxed{} \rightarrow \boxed{\div 6} \rightarrow \boxed{}$

$480 \div \boxed{} = \boxed{}$

2 Jack and Rosie are calculating $816 \div 48$

Jack divides by 8 and then by 6

Rosie divides by 12 and then by 4

a) Show that they get the same answer.

b) Explain why Jack and Rosie get the same answer.

_____

_____

c) Which is the easiest method? Why?

_____

_____

3 Mo and Dora are calculating $2,560 \div 16$

I will divide by 10, then divide by 6

Mo

I will divide by 4, then divide by 4 again.

Dora

Who is correct? Show your workings.

_____ is correct.

Long division (1)

1 Use these multiples of 13 to complete the long divisions.

13	26	39	52	65	78	91	104	117

13 | 2 7 3

13 | 4 4 2

13 | 7 9 3

13 | 8 7 1

2 a) Complete the number track with multiples of 23

23	46	69						

b) Calculate 943 ÷ 23 =

c) Calculate 345 ÷ 23 =

d) Calculate 621 ÷ 23 =

3

```
        2 3
    3 | 9 1
      3 4
        5 1
        5 1
          0
```

What is the missing number in Teddy's division?

4 Tick the cards that give the same answer.

2,730 ÷ 35	2,088 ÷ 24	2,418 ÷ 31
☐	☐	☐