

## Year 5 Learning at Home Week 2, Session 3

### Maths

In today's work we are going to focus on multiples and factors of numbers, as well as prime numbers. This is something we learnt about in the Autumn term - how much can you remember?

What is a multiple?

What is a factor?

What is a prime number?

7a. Rachel is thinking of a number.



My number is a multiple of 3, 6 and 9. It is even and between 100 and 130.

What could her number be?

Is there only one answer?

7b. Monty is thinking of a number.



My number is a multiple of 11 and 7. It is even and between 130 and 160.

What could his number be?

Is there only one answer?

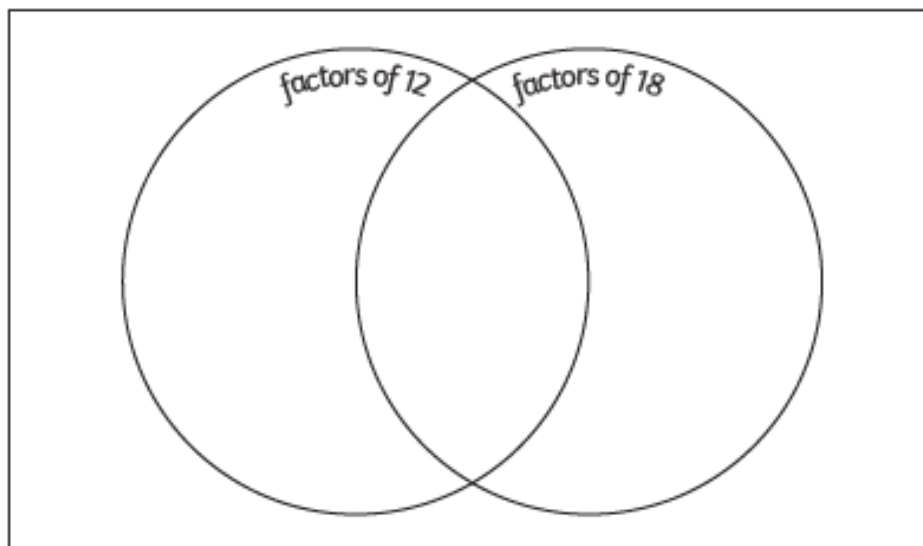
8a. Fill in the table below with two possible multiples for each number.

Number	Multiples	
7		
9		
12		
6		

8b. Fill in the table below with two possible multiples for each number.

Number	Multiples	
8		
11		
4		
9		

- 1) Use the numbers 1-18 to complete this Venn diagram:



- 2) What is the lowest common multiple for each set of numbers?

12 and 20 \_\_\_\_\_

6 and 14 \_\_\_\_\_

11 and 15 \_\_\_\_\_

- 3) Look at the numbers in the circles. Write the nearest prime number lower than the number in the left-hand boxes and the nearest prime number higher in the right-hand boxes.

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This is a link to the factors and multiples game we had a go at in class. What is the longest string of numbers you can make? The record for a primary school pupil is 65 numbers!

<https://nrich.maths.org/factorsandmultiples>

## Diving Deeper



Have a go at the puzzle below. You need to organise these numbers so that one number fits in each square.

3	4	5	7	9
12	13	14	15	16
18	20	21	25	30
60	64	45	17	11

There are some hints to help you get started below the puzzle grid.  
This puzzle needs perserverance but give it a go!

	Factors of 60	Numbers less than 13	Numbers more than 12	Multiples of 5
Prime Numbers				
Odd Numbers				
Square Numbers				
Multiples of 3				
Even Numbers				

Split your numbers into *odd* and *even*.

Which numbers are prime numbers?

Which numbers are square numbers?

What are your multiples of 5?

What are your factors of 60?

## English

In English, we have been learning about adverbs, adverbial phrases and fronted adverbials.

Use your learning to complete these questions:

Can you sort these adverbial phrases into their different types? Here are the categories:

**Manner** (how); **place** (where); **time** (when); **duration** (how long); **direction** (which way); **reason/cause** (why)

under the mattress	for seven years	with a flick of the wrist
on Wednesday	because you didn't finish your homework	all along the road
eight weeks ago	in France	since it's nearly home time
barking madly	long, long ago	round the corner
while we watched TV	behind the teacher's chair	exhaustedly
during the match	as it's my birthday	to the right

7. Tick the sentence which shows a correct fronted adverbial underlined.

A. Much to everyone's surprise  
Theo delivered an inspiring  
speech on Wednesday, at the  
annual business conference.

B. Much to everyone's surprise,  
Theo delivered an inspiring  
speech on Wednesday at the  
annual business conference.

C. Much to everyones surprise,  
Theo delivered an inspiring  
speech on Wednesday, at the  
annual business conference.

D. Much to everyone's surprise,  
Theo delivered an inspiring  
speech on Wednesday, at the  
annual business conference.



VF  
HW/Ext

8. True or false? Commas have been used correctly to show fronted adverbials in the sentences below.

A. Whilst he was rummaging, in the garden shed Dean  
discovered an unused hand-saw.

B. Even though half-asleep, Theron could still hear his dad's  
monotonous snoring coming from next door.





VF  
HW/Ext


9. Conrad says,



Each of the sentences below could be completed with  
either an adverbial of time or place.

A.  , after I had picked my mum up from the hospital, my car broke down on  
a busy main road.

B. Tomorrow morning,  , I will take photographs of all the children wearing  
their shiny medals from Sports Day.

C. According to tradition,  , pyramids were made from limestone.

Do you agree? Explain your answer.



AR  
HW/Ext



Use the image above to write 3 sentences using either a fronted adverbial or an adverbial phrase. For example: The tiny dragon perched on my fingertips as smoke curled from its nostrils.

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We are not the only country who have currently closed their schools. Countries across the world have made the same decision. What is a day in the life of a pupil in Argentina, Iceland or Turkey like? Do you think it is similar or different to your day?

Write a letter to someone in another country who is also being home-schooled. You could explain what your day is like at the moment and tell them what you are looking forward to doing when we get back to school.

As an extension, you could also ask them about what they are looking forward to when their school is back in session.

Don't forget to include the grammar and punctuation we have been learning about this year:

Informal language	
Relative Clauses	
Semicolons	
Colons	
Fronted adverbials/adverbial phrases	

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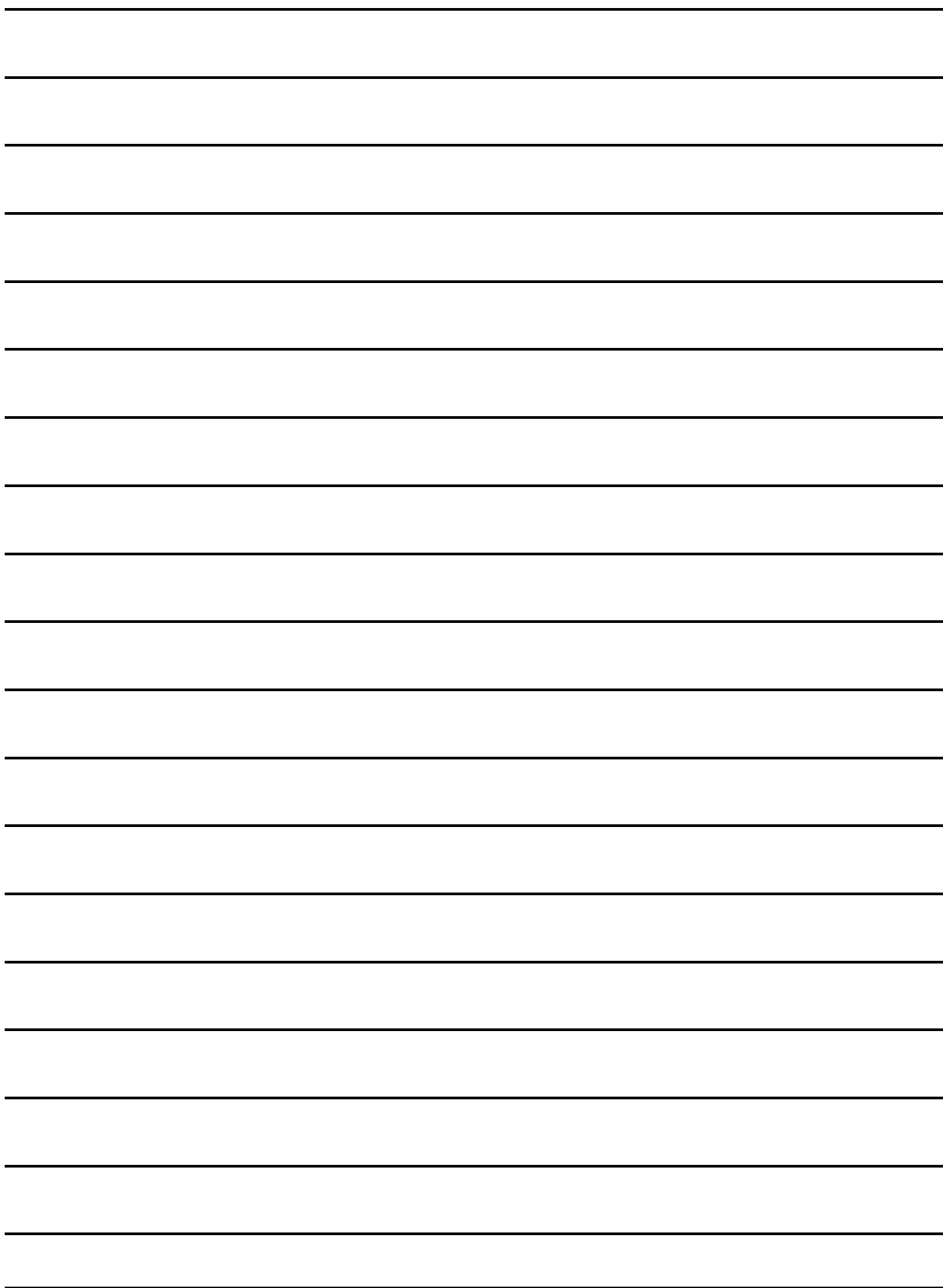
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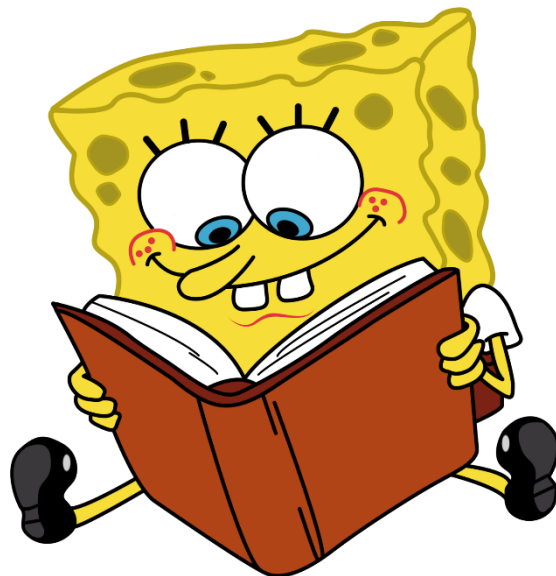
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Please remember to continue reading your books at home and filling in your diaries.



## Art

We have been looking at different containers in our art lessons. This week, your challenge is to create your own container.

The container could be made out of paper (origami) or card that you've decorated. There are lots of instructions online for making origami boxes and other paper/card based containers.



It could be an existing container that you 'upcycle' using anything you have at home like the ones below.



The choice is yours!

## Keeping Active

Time to get moving! Each day at 9 am, Joe Wicks is broadcasting a 30-minute live workout. Find a space in your house to get your body moving and heart pumping along with viewers from around the world!

You can find all of the workouts from this week on the page below:

<https://www.youtube.com/channel/UCAxWIXTOiEJo0TYlRfn6rYQ>

Joe Wicks is standing in a classroom, wearing a green t-shirt and black shorts, gesturing with his hands. Behind him are various educational posters, including a large number chart, a clock showing 12:49:36, and a 'PLACE VALUE!' chart. The chart shows the number 55,480,999 with place values from Millions to Ones. There are also multiplication tables and other math-related posters on the wall.

**P.E. WITH JOE**

**Monday - Friday**

**9am Live on YouTube**

**The Body Coach TV**

**#PEwithJOE**



Keep up to date with what's happening in the world!

Each week, we will share the new issue of First News on the school website.

<http://www.orleans-richmond.sch.uk/page/?title=First+News&pid=1515>

# **FirstNews**

**NEWS TO GET YOUNG PEOPLE TALKING**

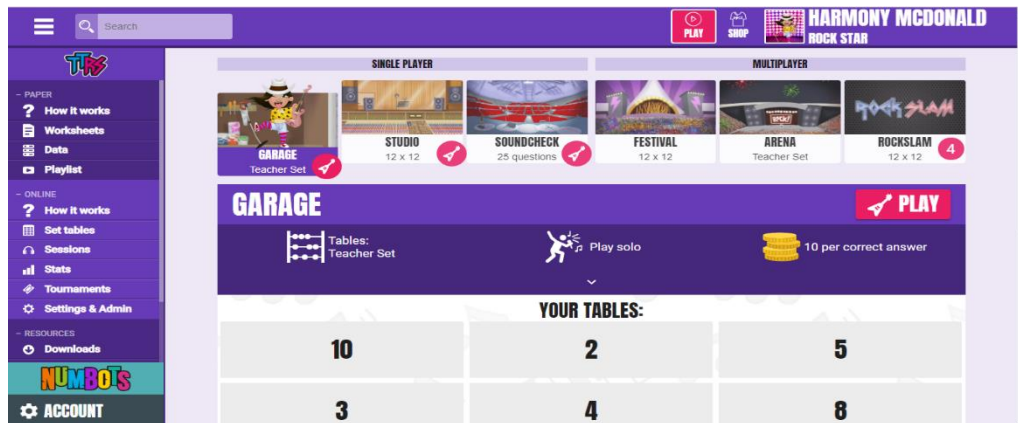
You could also spend 10 minutes each day watching Newsround.

<https://www.bbc.co.uk/newsround>



*Don't forget to use the websites we have set up for you!*

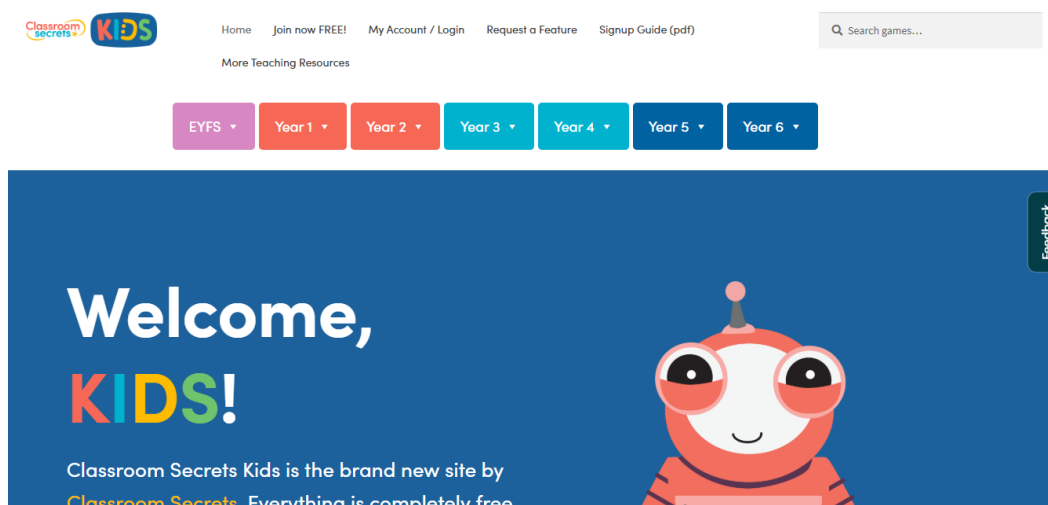
Times Tables Rockstars: <https://trockstars.com/>



NumBots: <https://play.numbots.com/>



Kids Classroom Secrets: <https://kids.classroomsecrets.co.uk/>



	9:00- 9:30	9:30- 10:30	10:30- 11:00	11:00- 12:30	12:30- 1:30	1:30- 2:30	2:30
Monday	Joe Wicks PE lesson	Maths	Brain Break	English	Lunch	History	Down Time
Tuesday	Joe Wicks PE lesson	Maths	Brain Break	English	Lunch	Science	Down Time
Wednesday	Joe Wicks PE lesson	Maths	Brain Break	English	Lunch	Art	Down Time
Thursday	Joe Wicks PE lesson	Maths	Brain Break	English	Lunch	RE	Down Time
Friday	Joe Wicks PE lesson	Maths	Brain Break	English	Lunch	PSHE	Down Time

We have included some Brain Break Ideas on the School Website along with this Learning from Home pack.