

Year 5 Home Learning (Sheet 8)

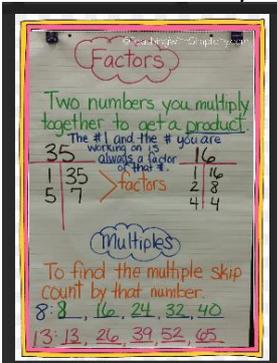
Hello. Hope you have all had a great week. The rain is here and what better way to spend a rainy day inside, then looking at pictures of Joey and completing your Home Learning! Hope you enjoy



Maths

To recap your knowledge of multiples and factors

Maths Starter: Play the 'multiples and factors' game



Follow the link to learn more about multiples and factors.



Write ten multiples of 8

Write ten multiples of 12

What are all the possible factors for 24

What are all the possible factors for 18

1 Circle all the multiples of 8 in this list of numbers.

18 32 56 68 72

2 Here is a number chart.

Circle the smallest number on the chart that is a multiple of both 2 and 7

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Here is the same number chart.

Circle the largest number that is not a multiple of 2 or 3 or 5

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

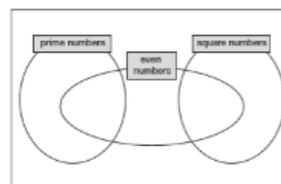
3 Here is a diagram for sorting numbers.

Write one number in each box.

	multiple of 5	not a multiple of 5
multiple of 3	30	
not a multiple of 3		

4 Write each number in its correct place on the diagram.

16 17 18 19



<https://www.topmarks.co.uk/maths-games/multiples-and-factors>

<https://www.bb.c.co.uk/bitesize/articles/zfchpg8>

English	To recap your knowledge of fronted adverbials	<p>English starter: Follow the link to recap your knowledge of subordinating conjunctions. Use the subordinating conjunctions below to write sentences about the teachers at school (remember if you use them to start your sentence you will need a comma after the subordinate clause - the part of the sentence that does not make sense on its own).</p> <p>Even though Although While Since Because Because of lockdown, all the children had to stay at home!</p>  <p>Writing task</p> <p>Read the 'Sorting Hat' song from Harry Potter. Write down the characteristics of the four houses. Write an explanation of which house you think you belong in and why, using what you have learnt from the song. Do some more research on the different houses to check this house is definitely for you and take the Sorting House quiz! (link to the left).</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Oh, you may not think I'm pretty, But don't judge on what you see, I'll eat myself if you can find A smarter hat than me. You can keep your bowlers black, Your top hats sleek and tall, For I'm the Hogwarts Sorting Hat And I can cap them all. There's nothing hidden in your head The Sorting Hat can't see, So try me on and I will tell you Where you want to be. You might belong in Gryffindor, Where dwell the brave at heart, Their daring, nerve and chivalry Set Gryffindors apart;</p> </div> <div style="width: 48%;"> <p>You might belong in Hufflepuff, Where they are just and loyal, Those patient Hufflepuffs are true And unafraid of toil; Or yet in wise old Ravenclaw, If you've a ready mind, Where those of wit and learning, Will always find their kind; Or perhaps in Slytherin You'll make your real friends, Those cunning folks use any means To achieve their ends. So put me on! Don't be afraid! And don't get in a flap! You're in safe hands (though I have none) For I'm a Thinking Cap!</p> </div> </div>	<p>https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zqk37p3</p> <p>https://www.praprofs.com/quiz-school/story.php?title=mte2mdawoq2sr!</p> 
DT	Can I design, make and review a product?	<p>Now you have decided which Harry Potter house you are in - can you create your own house badge, tie or even robe? Remember to design it first, then make it and finally review your finished product. Follow the links for some inspiration of other DT projects you could make.</p> 	<p>https://www.activityvillage.co.uk/design-your-own-crest</p>
Art	I can draw a phoenix	<p>Follow the link to learn how to draw the phoenix from Harry Potter. See if you can draw any of the other characters from Harry Potter by typing into YouTube 'How to draw ...'</p> 	<p>https://www.youtube.com/watch?v=ye3ipw67geQ</p>

THE GREAT MAGICIAN!



Research the internet to see if you can find a magic trick to perform to your family or friends (there are some ideas on the link). Find out about famous magicians throughout history and create a fact file about one of them you find interesting,

<https://www.care.com/c/stories/4051/easy-magic-tricks-for-kids/>

Science
Reversible and irreversible changes

Within all chemical reactions, a change may occur. There are two types of changes:
Reversible changes - where a change is made physically and can be undone or reversed. For example: freezing water to make ice.
Irreversible changes - where the change is made chemically and can't be reversed into its original states. For example: baking a cake.

<https://www.bbc.co.uk/bitesize/articles/z4vc86f>

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Irreversible changes

A change is called irreversible if it cannot be changed back again.

In an irreversible change, new materials are always formed. Sometimes these new materials are useful to us.

Heating

Heating can cause an irreversible change. For example you heat a raw egg to cook it. The cooked egg cannot be changed back to a raw egg again.

Mixing

Mixing substances can cause an irreversible change. For example, when vinegar and bicarbonate of soda are mixed, the mixture changes and lots of bubbles of carbon dioxide are made. These bubbles and the liquid mixture left behind, cannot be turned back into vinegar and bicarbonate of soda again.



Follow the link to learn more about these and for activities about reversible and irreversible changes.