

Maths  
\*\*Please also  
encourage  
your child to  
access  
Mathletics  
daily on top of  
or to help the  
work set\*\*

Monday

This week we have maths investigations based on our previous arithmetic learning:

## Follow the Numbers

This is your chance to follow some numbers and see where they go!

A simple rule is all you need.

My first suggestion, for a rule, is to add the digits together then multiply (times) by 2.

The first number that I chose happened to be 56.

So, let's start:

We add the 5 and 6,  $5+6=11$

We multiply the 11 by 2,  $2 \times 11=22$ , and that's the first part of the journey.

So, where now?

We carry on with this rule:

We add the 2 and 2,  $2+2=4$

We multiply the 4 by 2,  $4 \times 2=8$ , and that's the second part the journey.

Now,  $8+0=8$  and  $8 \times 2=16$  and that was the third part.

And,  $1+6=7$ , and  $7 \times 2=14$

Do the same to 14 and we get 10

10 leads to 2, 2 leads to 4, 4 leads to 8 and we are back to where we got to in the second part of the journey.

If we went on and on and wrote down where we got to after each part we would see something like: 56,22,8,16,14,10,2,4,8,16,14,10,2,4,8,...

After exploring that journey it's time to start somewhere new, for example 11 which goes along like this;:

11,4,8,16,14,10,2,4,8,...

Oh! So we are on the same bit as before, a circular bit that goes 2,4,8,16,14,10 and then back to the 2 again.

Now a new starting place, 96.  
This goes like this:

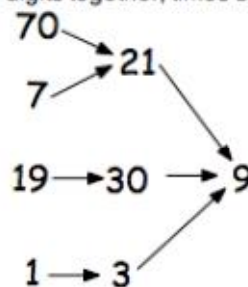
96,30,6,12,6,12,6,...

Oh! So we now have a smaller circular bit of the journey that goes 6,12 then back to the 6.

I explored further trying to start with each number from 1 to 99.

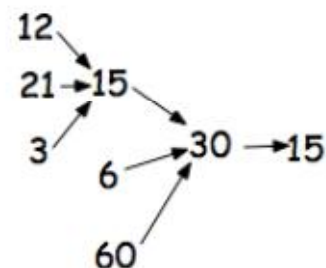
Then I tried similar, but different rules.  
I found I needed a big piece of plain paper and used arrows to show the journeys.  
Here are just some bits of them to tempt you to go further:

add digits together, times by 3



and

add digits together, times by 5



There are 99 starting points to try and I've only show you 8 on each of the two above so there are lots more to explore!

Decide on the rules you will use and investigate what happens with different starting points.  
You might invent your own way of recording your findings.

Tuesday

Tuesday

A reminder of how to complete short division can be found at: <https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/zgxdfcw>

Tuesday

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1 / 6 125%

Sign In Share

I can divide numbers using the formal written method of short division.

Complete the calculations using the formal written method, short division.

$$\begin{array}{r} 15 \overline{) 6315} \\ 11 \overline{) 8195} \\ 20 \overline{) 7360} \\ 15 \overline{) 9525} \\ 12 \overline{) 6288} \\ 11 \overline{) 9625} \end{array}$$

Order the answers to the calculations in order of smallest to largest.

smallest						largest

Alice receives a jar of 2250 beads for her birthday. She wants to create necklaces to sell at the

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Wednesday

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3 / 6

I can divide numbers using the formal written method of short division.

Complete the calculations using the formal written method, short division. Some of the calculations may have remainders.

$15 \overline{) 9367}^r$        $20 \overline{) 7156}^r$        $11 \overline{) 8640}^r$

$12 \overline{) 7075}^r$        $12 \overline{) 8231}^r$        $11 \overline{) 5231}^r$

Order the answers to the calculations in order of smallest to largest.

smallest					largest

Jessica is training for a swimming competition. She swims four evenings each week. She

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Thursday

## One of Thirty Six



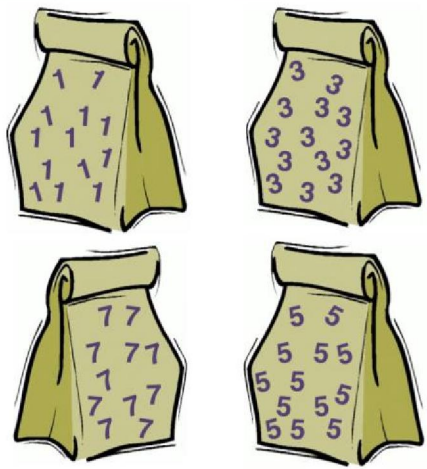
Can you find the chosen number from this square using the clues below?

1. The number is odd
2. It is a multiple of three
3. It is smaller than  $7 \times 4$
4. Its tens digit is even
5. It is the greater of the two possibilities

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36



[nrich.maths.org](http://nrich.maths.org)

	Friday	<div data-bbox="481 231 772 311"> <h1>Make 37</h1> </div> <div data-bbox="1355 223 1422 311">  </div> <div data-bbox="481 422 929 614"> <p>Four bags contain a large number of 1s, 3s, 5s and 7s.</p> <p>Pick any ten numbers from the bags so that their total is 37.</p> </div> <div data-bbox="481 670 660 885">  </div> <div data-bbox="963 327 1388 798">  </div> <div data-bbox="1052 821 1422 885"> <p>nrich.maths.org</p> </div>
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English  <b>**Please also encourage your child to read daily either</b>	Monday	<a href="https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y5-Unit.pdf">https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y5-Unit.pdf</a> Is a unit of English work <b>to last three weeks</b> , each day I have selected the pages to complete so that you can work through the booklet. It will be similar to our English lessons, in that we used an author's work to base our learning around. Today- Page 13
	Tuesday	Pages 14-15
	Wednesday	Pages 16-18
	Thursday	Page 19

independently or to an adult.	Friday	Page 20
Topic/Science	Topic	<p><b>Activity 1: Watch Play Like Share, Episode 1</b></p> <ul style="list-style-type: none"> <li>Find Play Like Share at <a href="http://www.thinkuknow.co.uk/8_10/watch/">www.thinkuknow.co.uk/8_10/watch/</a></li> <li>Watch Episode 1: Block Him Right Good, Alfie with your child.</li> <li>Use the following questions to chat about the cartoon: <ul style="list-style-type: none"> <li><b>What did you think? What did you like about Play Like Share?</b></li> <li><b>What different things do Sam, Ellie and Alfie do online?</b> [E.g. make videos, talk to people, learn to sing, share their songs]</li> <li><b>What problem did Alfie face at the beginning of the cartoon?</b> [Another gamer messaged Alfie, asking to game with him. Alfie said no as he had to go to school]</li> <li><b>How did the gamer make Alfie feel?</b> [Happy at first and then uncomfortable and worried when he started making threats]</li> <li><b>What did Alfie do when he realised something wasn't right?</b> [Didn't reply. Told a trusted adult, his mum. Blocked the gamer. Reported to the website.]</li> <li><b>What happened when Selfie's video was made public? How did it make them feel?</b> [People they didn't know wrote nasty or strange comments. Received links to adverts. They felt worried and uncomfortable.]</li> </ul> </li> </ul>
	Science	<p><a href="https://www.bbc.co.uk/bitesize/topics/zbssgk7/articles/zp7f8mn">https://www.bbc.co.uk/bitesize/topics/zbssgk7/articles/zp7f8mn</a></p> <p>How does the eye detect light?</p> <p>Make a poster based on this short clip. You could research it further, if you wish.</p>
PE	Activity 1	Joe Wicks workout
	Activity 2	Cosmic Kids Yoga
	Activity 3	Real PE at home – online learning resources



		<p><b>Real PE</b> at home includes an online programme which supports families to be active, play and learn together.</p> <p>Here are the details to access <b>real PE</b> at home:</p> <p>The website address is: <u><a href="https://home.jasmineactive.com">home.jasmineactive.com</a></u></p> <p>Parent email: <u><a href="mailto:parent@lyngcofepr-1.com">parent@lyngcofepr-1.com</a></u></p> <p>Password: lyngcofepr</p>	
Art/Crafts	Activity 1	<p><i>In art we will be looking at some American artists. Andy Warhol</i> was an American artist, film director, and producer who was a leading figure in the visual art movement known as pop art. Search Google images to find his work, then draw one of your own versions of his pictures.</p>	
	Activity 2		

Oak Class – Week beginning May 4<sup>th</sup> 2020  
Year 5

		Find a can in your kitchen cupboard and draw your own version of this famous Andy Warhol piece:
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