

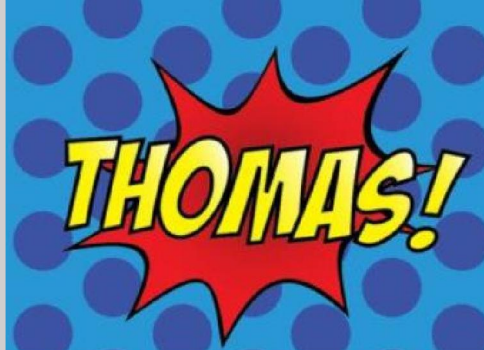


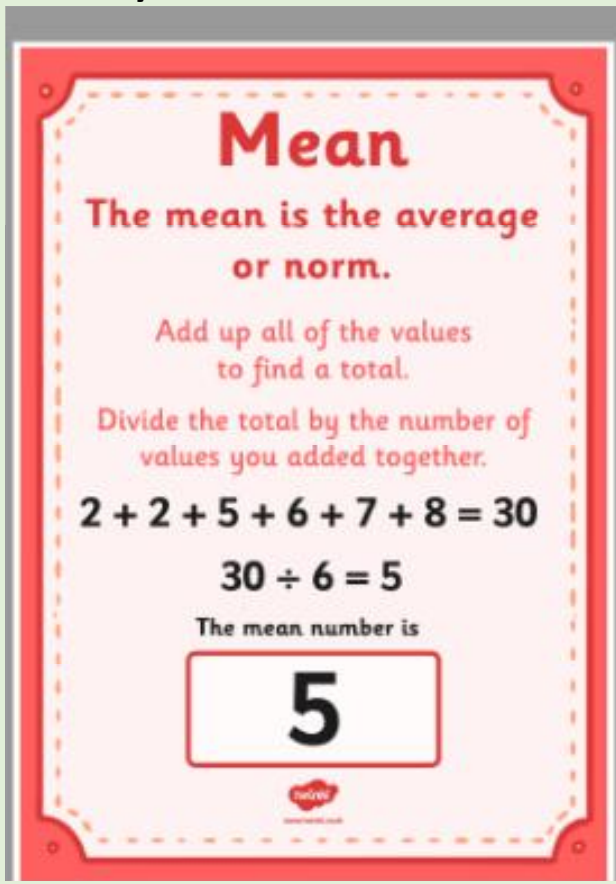
Maths **Please also encourage your child to access Mathletics daily on top of or to help the work set**	Monday	This week we have maths investigations based on our previous data handling learning: LO: Can I calculate the mean of a set of numbers? ALL MATHS IS AT THE BOTTOM OF THE SHEETS
	Tuesday	LO: Can I calculate the average winter temperatures?
	Wednesday	LO: Can I calculate the answer to pie chart and percentage problems?
	Thursday	LO: Can I calculate the answer to pie chart and percentage problems?
	Friday	LO: Can I calculate the answer to pie chart and percentage problems?
English **Please also encourage your child to read daily either independently or to an adult.	Monday	https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf Is a unit of English work to last three weeks , 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 16
	Tuesday	Work on own story.
	Wednesday	Continue to work own story.
	Thursday	Finish and edit your own story.
	Friday	Page 17
Topic/Science	Topic	<p>After our internet safety break, last week, this week we return to our Americas Topic. We are going to research individual states of America. If we were in class, we would be using this book as a starting point of our learning.</p>  <p>This week, I'd like you to research the state of Alabama, make a poster including things like: key facts (capital city, largest cities, state bird, state flower, state tree, significant towns and monuments and dates to remember).</p>

		Make your poster colourful and fact filled. Keep this poster to be the first page of your States of America book.
Topic/Science PE	Science	https://www.bbc.co.uk/bitesize/topics/zgffr82/articles/zstr2nb Revision : How are sounds made? Make a poster based on this short clip. You could research it further, if you wish.
	Activity 1	Joe Wicks workout
PE Art/Crafts	Activity 2	Cosmic Kids Yoga
	Activity 3	Real PE at home – online learning resources Real PE at home includes an online programme which supports families to be active, play and learn together. Here are the details to access real PE at home: The website address is: home.jasmineactive.com Parent email: parent@lyngcofepr-1.com Password: lyngcofepr
	Activity 1	 <p>Last week we looked at the work of the Pop artist Andy Warhol, this week we are looking at pop art words. Your task is to find some examples from google and have a go at drawing your own.</p>

Art/Crafts	Activity 2	 <p>Create a pop art style picture using your own name.</p>
		<p>Maths is below:</p>

This week we have maths investigations based on our previous data handling learning:
Remember you can increase the page size to make the questions bigger.

Monday's work:



Mean

The mean is the average or norm.

Add up all of the values to find a total.

Divide the total by the number of values you added together.

$$2 + 2 + 5 + 6 + 7 + 8 = 30$$
$$30 \div 6 = 5$$

The mean number is

5

twinkl

For each set of numbers calculate the mean.

1.	1, 7, 3, 5, 6	
2.	9, 3, 4, 2, 5	
3.	4, 6, 2, 8, 2	
4.	2, 3, 4, 8, 2	
5.	8, 1, 3, 4, 1	
6.	2, 15, 13, 13, 12	
7.	14, 13, 10, 2, 10	
8.	12, 9, 13, 15, 6, 16, 17, 8	
9.	1, 11, 4, 10, 15, 18, 16, 6	
10.	12, 2, 15, 9, 15, 13, 5, 17	
11.	3, 14, 4, 1, 11	
12.	19, 10, 16, 16, 15	

These will all have a remainder. You can leave your answer with a remainder, but can you convert it to a decimal?

Extension:

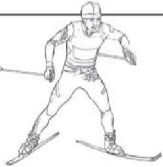
For each set of numbers calculate the value of the missing number using the given mean.

31.	14		5	11	with a mean of 12	
32.	2	20	7		with a mean of 12.25	
33.	5		5	6	7	with a mean of 6
34.	4	6	1		1	with a mean of 2.8
35.	1	17		21	6	with a mean of 11.4

Tuesday's work: (Remember the average is the same as the mean).

For each city, find the average winter temperature.



<p>Chamonix, France Daytime: 1°C Night-time: -7°C</p> <p>Average:</p>	<p>Calgary, Canada Daytime: -5°C Night-time: -11°C</p> <p>Average:</p>
<p>St Moritz, Switzerland Daytime: 0°C Night-time: -15°C</p> <p>Average:</p>	<p>Lake Placid, USA Daytime: -2°C Night-time: -15°C</p> <p>Average:</p>
<p>Pyeongchang, South Korea Daytime: 1°C Night-time: -8°C</p> <p>Average:</p>	<p>Lillehammer, Norway Daytime: -4°C Night-time: -10°C</p> <p>Average:</p>
 <p>Nagano, Japan Daytime: 5°C Night-time: -4°C</p> <p>Average:</p>	<p>Cortina D'Ampezzo, Italy Daytime: 3°C Night-time: -8°C</p> <p>Average:</p>

Wednesday's lesson:

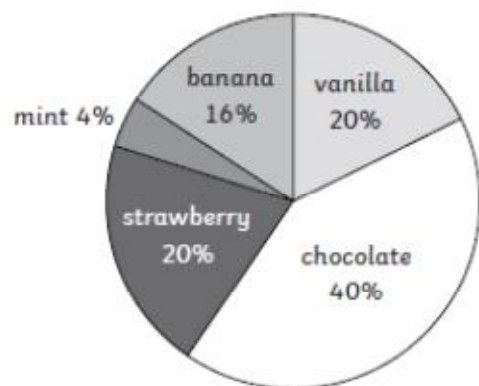
Remember: As there are 50 people, calculate what percentage each person is worth (100 divided by the number of people).



Percentages and Pie Charts

I can solve problems involving the calculation of percentages in pie charts.

Favourite Ice Cream Flavours



chocolate vanilla banana mint strawberry

1. 50 people were asked about their favourite ice cream flavour. Use this information to answer these questions about the pie chart:

a. How many said that chocolate was their favourite?

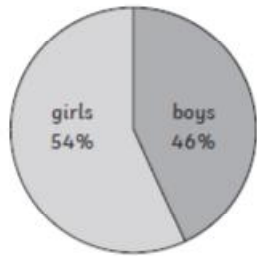
b. How many people said that mint was their favourite?

c. 10 people like vanilla best of all. True or False? Use a calculation to prove your answer.



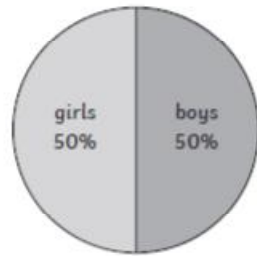
Percentages and Pie Charts

Boys and Girls in Year 5



girls boys

Boys and Girls in Year 6



girls boys

2. These pie charts show the number of boys and girls in a school in Year 5 and Year 6. There are 50 children in Year 5 and 60 children in Year 6.

a. How many children are boys in Year 6?

b. How many children are girls in Year 5?

c. There are more girls in Year 5 than Year 6. True or False? Use a calculation to prove your answer.

These questions have 200 people so calculate what percentage each person is worth first (200 divided by 100).

★ ★ Percentages and Pie Charts

I can solve problems involving the calculation of percentages in pie charts.

Favourite Zoo Animals

Animal	Percentage
monkey	29%
tiger	22%
crocodile	17%
elephant	17%
kangaroo	15%

crocodile tiger monkey elephant kangaroo

1. 200 people were asked about their favourite zoo animal. Use this information to answer these questions about the pie chart:

a. How many people like elephants? _____

b. How many more people liked tigers than kangaroos? _____

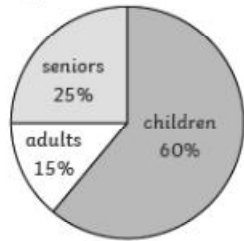
c. 14 more people liked monkeys than tigers. True or False? Show a calculation to show how you know. _____

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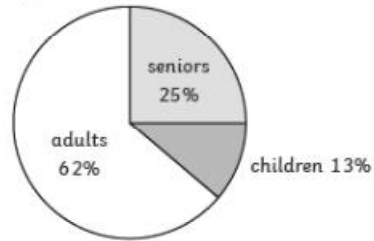


Percentages and Pie Charts

The Make-up of an Audience at an Afternoon Performance at a Theatre



The Make-up of an Audience at an Evening Performance at a Theatre



□ adults □ seniors □ children □ adults □ seniors □ children

2. 200 people went to the theatre one afternoon. The same evening, 500 people went to the same theatre. Answer the following questions about the pie chart:

a. How many adults went to the theatre in the afternoon?

b. How many children went to the theatre in the evening?

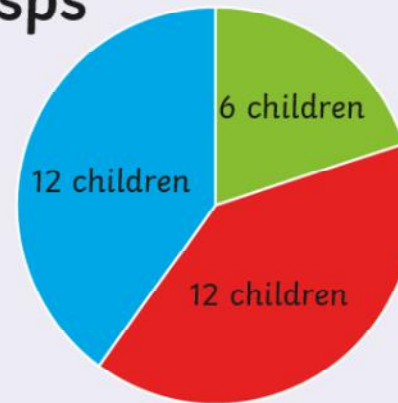
c. The same number of seniors went to the theatre in the afternoon as the evening. True or False? Use a calculation to show how you know.

Friday's work:

Reminder calculate how many children you have in total first.

Favourite Crisps

A class of children chose their favourite flavour of crisps. Here is a pie chart of the results.



1. Explain how you will calculate the percentage of children who chose Cheese and Onion as their favourite flavour of crisps.
2. Asif says that $\frac{3}{4}$ of the children did not choose Ready Salted as their favourite flavour of crisps. Is he right? Explain your answer.
3. Another class of children are asked their favourite flavours. Ten more chose Cheese and Onion, 12 more Salt and Vinegar and eight more Ready Salted. Draw a new pie chart, explaining how you know how big to make each segment.*

Answers