

Summing It Up! – July 2022

Welcome to the first edition of our Maths Newsletter! Each newsletter will contain tips on how to help your child at home, some Maths challenges for KS1 and KS2, a leader board to show who is topping the charts in Times Table Rockstar, book recommendations and much more!

Top of the Rocks!

Check out our Times Tables Rockstars leader board. Will there be a change next term?

Can you make it to the top? Remember, practise, practise, practise!



Name	Class	Year group	Rock Status	Current Studio Speed
Waris	Dolphin	Year 6	Rock Hero	0.535714
Tayyab	Albatross	Year 6	Rock Hero	0.615385
Parth	Giraffe	Year 5	Rock Hero	0.655738
Panemoyo	Manatee	Year 5	Rock Hero	0.983607
Lara	Lynx	Year 4	Rock Hero	0.911854
Edy	Octopus	Year 4	Rock Hero	0.96463
Ali	Turtle	Year 3	Rock Hero	0.96463
Aurav	Turtle	Year 3	Rock Legend	1.45631

Mathematician of the term: Katherine Johnson

Areas of Expertise: Mathematics, Aeronautics, Orbital Mechanics

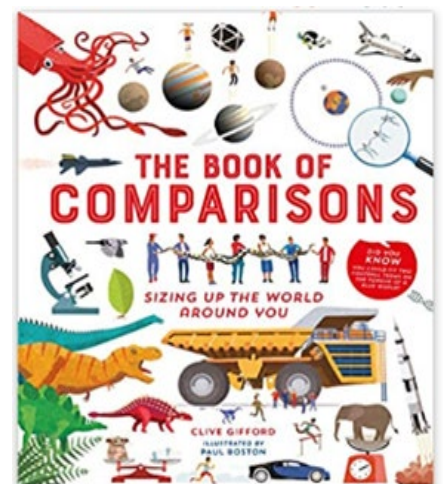
Born: 1928 Died: 2020 Nationality: American

Best known for:

- calculating the trajectory to allow the Apollo 11 mission to reach the Moon and return safely to Earth;
- working on the trajectories of numerous other space craft, including the flight for Alan Shepard, the first American in space;
- checking calculations completed by a computer, by hand, at the request of astronauts to make sure they were correct;
- supporting the Apollo 13 mission with backup procedures to help astronauts return safely to Earth after a malfunction;



Book recommendation



Sudoku challenge

Each row and column contains all the digits 1 to 4.

4			3
3	1		
2			1
		2	

	1		2
2		1	4
1	4	2	
	2		

Maths Jokes

How do you make seven even?

Subtract the 's'!

What did the triangle say to the circle?

You're pointless!

How can you help your child at home with maths?

The following are some aspects of the maths curriculum that you can support with at home.

Reception - practise counting numbers from 1-20 and putting these in order. Talk about size, weight, distance, time and money.

Year 1— Count numbers to 100 and write numbers to 20 in words. Use number bonds to 20. Count in multiples of 2,5 and 10. Know the days of the week and months of the year.

Year 2— Read and write all numbers to 100 in words. 2,5 and 10 times table.

Year 3— Understand and compare numbers to 1000. Add and subtract three-digit numbers. Recall the 3,4 and 8 times table.

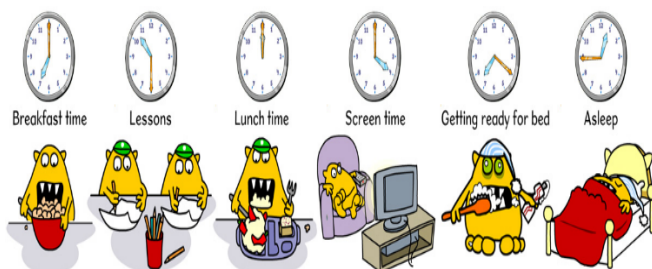
Year 4— recall all multiplication facts up to 12×12 . Add numbers with up to four-digits. Round numbers to the nearest 10, 100 and 1000. Add four-digit numbers.

Year 5 - Use times tables to find other facts. Know prime numbers, square numbers, cubed numbers and multiples and factors.

Year 6— Use times tables to find other facts. Know prime numbers, square numbers, cubed numbers and multiples and factors. Arithmetic practice using all four operations.

Telling the time

We are noticing there are an increasing number of children who are struggling to tell the time. Although we teach this as school, it is essential that children are also taught this vital skill at home.



You could introduce time by starting to make a habit of pointing out the time on a clock when events happen in your day, to introduce what that time looks like.



Try making your own clocks together!



Some online resources that support teaching your child with time:

<https://thirdspacelearning.com/blog/how-to-teach-telling-time-ks1-ks2-activities/>

<https://toytheater.com/telling-time/>

We thank you for your support with this and all the support you have given your children throughout the year!

