



'Rivers' Class Curriculum Overview

Term 2 2025-26

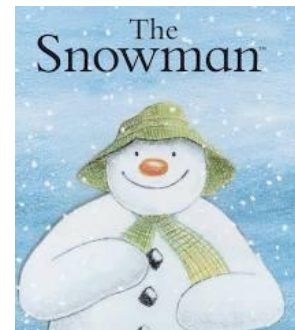
Dear Parents,

We are very much looking forward to a busy seven weeks leading up to Christmas.

Maths – In Year 5, we are looking at decimals, adding, subtracting, multiplying and dividing them. We then learn about prime numbers, square numbers and cubed numbers.

In Year 6, this is a key term. We start off studying fractions before moving onto angles, 3d shapes and multi-stage calculations. These are topics that frequently crop up in SATS paper and (more importantly) that are important for Secondary School maths so this is a really crucial term for Y6 maths.

English – This term, we are working on two different units. The first is a diary-based unit based on the diary of Scott of the Antarctic. The second is based on Mrs Ramsden's favourite Christmas film, Raymond Briggs's *The Snowman*, where we'll be doing our best to capture the magic of Christmas.



Art – On that festive theme, Mrs Nicholson is being really brave and the Rivers are designing and making an electronic Christmas card!

Science – We will be delving into a unit looking at some of the challenges of a changing climate – fossil fuels, biofuels, plastics and bioplastics. We'll be investigating the best plant fuels and making our own bioplastic!



Geography - Mrs Virgilio will be teaching geography this term, looking at biomes and at the desert biome in particular.

Computing – The Rivers will be looking at creating media and video production in what is likely to be a popular IT topic.



In **PSHE**, we will be discussing what we have in common and what makes us different and how valuable diversity and difference can be.

Music – Music this term will be preparing for our Christmas Spectacular which is on the evening of Monday 15th December. Please put it in your diaries right now. It's going to be great.

French – At the request of the students, we are saying Au Revoir to France for this term and saying Ciao to Italy. We're going to have a term of beginners' Italian lessons! checking out Airbnb's in Florence; you're going to have some children very keen to order gelato in real life!



Start

PE – This term, the Rivers will practice yoga on **Wednesdays** and dance on **Fridays** Please ensure that children bring their PE kits on both days, as they will be getting changed at school. Pupils should arrive in their normal school uniform, with their kit packed and ready to change into. We will also do our Daily Mile as much as is possible!

RE – This Christmas term, we're studying Christianity, looking at what Christians mean by the gospel and why it's good news for those who believe and those who don't!

Homework:

- To support learning at home, children are expected to read for at least 20 minutes, four times a week. Please encourage your child to read and hear them read aloud as much as possible.
- In addition, we have confirmed our subscription to Mathletics based on everyone's feedback from the trial in Term 1. We are hoping to have that up and running literally any day now. We will set some homework each week and there are also plenty of opportunities to play maths games and improve maths fluency. This subscription is an investment we are making to help prepare the Rivers for SATS but also to increase their confidence and enjoyment of maths. Please ensure your child does their Mathletics homework and spends at least 10 mins on the app, 4 x weekly. It's great for car journeys!
- Finally, Times Tables still need practicing a few times each week. Fluency in Times Tables is absolutely crucial for SATS success (and for maths success in Secondary) so please do keep going with Times Tables.

Please remember, if you have any worries or concerns about your child, please contact the class teacher via the @letters email address.

Best Wishes,

Mrs Virgilio and Mrs Ramsden



Multiplying and dividing by 10, 100 and 1000

M	Hth	Tth	Th	100s	10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
				1	3	6	0	0	

Each digit is ten times greater

Each digit is ten times smaller

136 × 10
move digits 1 column left
136 × 1000
move digits 3 columns left

247 ÷ 10
move digits 1 column right
24.7 ÷ 100
move digits 2 columns right

Year 5 Term 2

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	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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

A prime number has exactly 2 factors: 2, 3, 5, 7, 11, 13, 17, 19, ...

A composite number has more than 2 factors: 4, 6, 8, 9, 10, 12, ...

If I know... then I also know... because...

Factors of 15 = {1, 3, 5, 15}
Factors of 21 = {1, 3, 7, 21}
1 and 3 are common factors of 15 and 21

Multiples of 3 are 3, 6, 9, 12
Multiples of 4 are 4, 8, 12, 16
12 is a common multiple of 3 and 4

A square number is the result of multiplying a number by itself.

A cube number is the result of multiplying a whole number by itself, then by itself again.

$1^2 = 1 \times 1 = 1$
 $2^2 = 2 \times 2 = 4$
 $3^2 = 3 \times 3 = 9$

$1^3 = 1 \times 1 \times 1 = 1$
 $2^3 = 2 \times 2 \times 2 = 8$
 $3^3 = 3 \times 3 \times 3 = 27$

63,452 + 14,991

Round then adjust

10,000s	1000s	100s	10s	1s
60000	3000	400	50	2
10000	4000	900	90	1

Add 20,000 then subtract 1

$$\begin{array}{r} 63,452 \\ +20,000 \\ \hline 83,451 \\ -1 \\ \hline 83,452 \end{array}$$

2,452 - 0.991

Round then adjust

1s	$\frac{1}{10}$ s	$\frac{1}{100}$ s	$\frac{1}{1000}$ s
2	0.4	0.05	0.002
0	0.1	0.09	0.009
0	0.2	0.09	0.009
0	0.3	0.09	0.009
0	0.4	0.09	0.009
0	0.5	0.09	0.009
0	0.6	0.09	0.009
0	0.7	0.09	0.009
0	0.8	0.09	0.009
0	0.9	0.09	0.009
0	1.0	0.09	0.009

Take away 1 then add 1 thousandth

$$\begin{array}{r} 1.452 \\ -1.453 \\ \hline 2.452 \end{array}$$

40,007 - 39,995

Find the difference between two numbers

40,007	12
39,995	

Count on 5 from 39,995 to 40,000, then 7 more so the difference between them is 12

sum total subtract difference

Written methods

$$\begin{array}{r} 25648 \\ + 42524 \\ \hline 68172 \end{array}$$

$$\begin{array}{r} 45748 \\ - 26374 \\ \hline 19374 \end{array}$$

$$\begin{array}{r} 25648 \\ + 42524 \\ \hline 68172 \end{array}$$

$$\begin{array}{r} 45748 \\ - 26374 \\ \hline 19374 \end{array}$$



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