

Burnside

Welcome to Year 3



**A guide for parents and children as they
transition to their new class**

Meet the Staff

Class Teachers



Miss Higham



Miss Garrett

Other Staff You May See

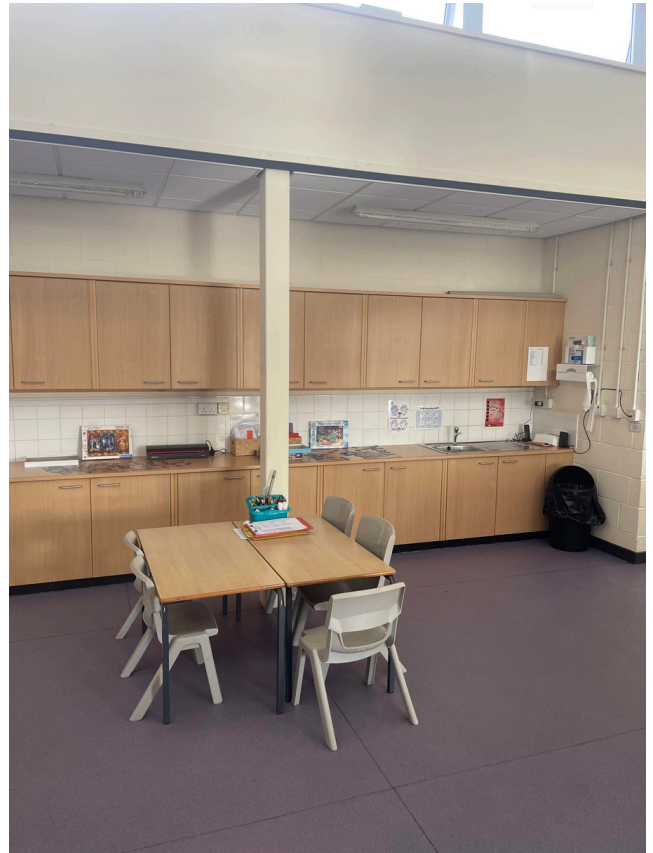


Miss Patterson
Higher Level
Teaching Assistant



Mrs Johnson
Teaching Assistant

Our Learning Environment



Mrs Higham’s Weekly Timetable

	8:50-9	09:00 - 10:15		10:30-11:40	11:40-12:00	12:00-12:10		1:30-2:10	2:10-3:00
Mon	Morning Jobs	Assembly Maths	Break 10:15-10:30	Literacy	Reading Plus	Mastering Numbers	Lunch 12:10-1:10	Computing	French
Tue		Hymn Practice Maths						Maths	PE
Wed		Maths						History / Geography	
Thur		Assembly Maths						RE	PE
Fri		Maths		Literacy Spelling Test				Science	

PE Days are Tuesday & Thursday

Miss Garrett's Weekly Timetable

	8:50-9	09:00 - 10:15		10:30-11:40	11:40-12:00	12:00-12:10		1:30-2:10	2:10-3:00
Mon	Morning Jobs	Assembly Maths	Break 10:15-10:30	Literacy	Reading Plus	Mastering Numbers	Lunch 12:10-1:10	French	Computing
Tue		Hymn Practice Maths						PE	Maths
Wed		Maths						Science	
Thur		Assembly Maths						RE	PE
Fri		Maths		Literacy Spelling Test				History / Geography	

PE Days are Tuesday & Thursday

Home Learning

In Year 3, we start building some brilliant independent learning habits! Here is what your child should be practicing at home each week:

Daily Reading & Comprehension

- **15 Minutes a Day:** We ask that children read for at least 15 minutes every day.
- **Reading Plus:** Your child will receive a personal login from their teacher for Reading Plus a fantastic online tool that helps boost reading speed and understanding.

Maths & Key Life Skills

- **Times Tables Rock Stars (TTRS):** It's time to become a maths rock star! Regular practice on TTRS will help your child learn their tables rapidly. We have included more information to help your child with their times tables on the next few pages.
- **Telling the Time:** We are learning to read both analogue (clock hands) and digital time. Any practice looking at clocks or watches at home makes a massive difference!
- **Handling Money:** Next time you are shopping, encourage your child to count out coins, look at prices, and practice handling money.

Weekly Spellings

- **Spelling Quiz:** Spelling lists will be sent home to practice throughout the week, ready for our spelling quiz every Friday.

Times Tables

Throughout KS2, children at Burnside learn all of their times tables using the Number Sense Maths approach. They will also use the Times Tables Rockstars app to practice and embed these times tables, both at school and at home.

Why times tables matter

- Knowing times tables frees up working memory, giving children the “brain space” to focus on problems rather than recalling facts.
- Fluency supports later maths topics such as fractions and ratio.
- Confidence grows when children know their facts, helping lessons move at a good pace.

What does ‘knowing’ mean?

Children should be able to recall facts quickly and effortlessly, without counting on fingers or working them out.

Supporting your child

- Ask which times table they are learning and encourage them to say new facts aloud using the verbal sound pattern taught for all facts in the fact family (“Seven fives are thirty-five”). Please see the ‘fact families’ document to see the verbal sound pattern for each fact family.
- Celebrate successes - we believe all children are capable of learning their times tables.
- Encourage children to access the TTRS app little and often for extra practice.
- If extra help is needed, we may provide practice cards or short additional sessions.

How we teach times tables

$2 \times 2 = 4$									
$3 \times 2 = 6$	$3 \times 3 = 9$								
$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$							
$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$						
$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$					
$7 \times 2 = 14$	$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 5 = 35$	$7 \times 6 = 42$	$7 \times 7 = 49$				
$8 \times 2 = 16$	$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 5 = 40$	$8 \times 6 = 48$	$8 \times 7 = 56$	$8 \times 8 = 64$			
$9 \times 2 = 18$	$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 6 = 54$	$9 \times 7 = 63$	$9 \times 8 = 72$	$9 \times 9 = 81$		

Children will learn their times tables up to 12×12 , but we prioritise teaching children to develop automaticity in the 36 essential facts up to 9×9 . The 10 times table is very important too, but follows an easy pattern so children don't need to memorise it in the same way. These essential facts are the building blocks for all other mental and written multiplication and division calculations that children will do - at school and beyond

- We have a daily times table session where we learn a small number of new facts at a time - just two or three. Alongside these new facts, we keep practising facts that we know already.
- Children practise until quick and confident, using booklets (aiming for 40 facts in 2 minutes).
- Teachers and pupils chant facts aloud. Saying the facts out loud and practising trying to recall the facts and write them in the booklet, is what leads to memorisation.
- As part of the approach, children learn to apply their memorised fact to all facts in the fact family. For example, we memorise the sound pattern “seven fives are thirty-five” when looking at $5 \times 7 = 35$, $7 \times 5 = 35$, $35 \div 7 = 5$ and $35 \div 5 = 7$. Children will become very confident at moving between multiplication and division.

Curriculum overview

Year 2: Children are introduced to the multiplication symbol in Year 2 and begin to explore the 2, 5 and 10 times tables using concrete resources and pictorials within their maths lessons.

Year 3: Children in Year 3 will begin the programme in the Spring term.

Year 4: Children will learn the remaining essential facts and the 11 and 12 times tables in preparation for the Multiplication Tables Check in the Summer term.

Year 5–6: Ongoing daily or weekly consolidation to ensure facts remain fluent.

In Year 3 we learn 21 of the 36 essential facts:

2 times table	Square times table	5 times table
8 facts	7 new facts	6 new facts
$2 \times 2 = 4$	$3 \times 3 = 9$	$3 \times 5 = 15$
$3 \times 2 = 6$	$4 \times 4 = 16$	$4 \times 5 = 20$
$4 \times 2 = 8$	$5 \times 5 = 25$	$6 \times 5 = 30$
$5 \times 2 = 10$	$6 \times 6 = 36$	$7 \times 5 = 35$
$6 \times 2 = 12$	$7 \times 7 = 49$	$8 \times 5 = 40$
$7 \times 2 = 14$	$8 \times 8 = 64$	$9 \times 5 = 45$
$8 \times 2 = 16$	$9 \times 9 = 81$	
$9 \times 2 = 18$		

In Year 4 we learn the other 15 essential facts:

3 times table	4 times table	6 times table
5 new facts	4 new facts	3 new facts
$4 \times 3 = 12$	$6 \times 4 = 24$	$7 \times 6 = 42$
$6 \times 3 = 18$	$7 \times 4 = 28$	$8 \times 6 = 48$
$7 \times 3 = 21$	$8 \times 4 = 32$	$9 \times 6 = 54$
$8 \times 3 = 24$	$9 \times 4 = 36$	
$9 \times 3 = 27$		

7 times table	8 times table	9 times table
2 new facts	1 new fact	No new facts to learn!
$8 \times 7 = 56$	$9 \times 8 = 72$	
$9 \times 7 = 63$		

We also recap the 10 times table, which children tend to know already from place value work, and learn the 11 and 12 times tables.

Times Tables Fluency Year 3 overview

Autumn	Spring			Summer	
	Stage 1 Unit 1 Doubles	Stage 2 Unit 1 2 Times Table	Stage 2 Unit 2 Square Times Table	Stage 2 Unit 3 5 Times Table	Stage 2 Unit 4 Consolidation
	5 weeks	5 weeks (8 facts)	5 weeks (7 new facts)	5 weeks (6 new facts)	3-5 weeks 21 out of 36 facts learnt by end of Year 3
		$2 \times 2 = 4$ $3 \times 2 = 6$ $4 \times 2 = 8$ $5 \times 2 = 10$ $6 \times 2 = 12$ $7 \times 2 = 14$ $8 \times 2 = 16$ $9 \times 2 = 18$	$3 \times 3 = 9$ $4 \times 4 = 16$ $5 \times 5 = 25$ $6 \times 6 = 36$ $7 \times 7 = 49$ $8 \times 8 = 64$ $9 \times 9 = 81$	$5 \times 3 = 15$ $5 \times 4 = 20$ $6 \times 5 = 30$ $7 \times 5 = 35$ $8 \times 5 = 40$ $9 \times 5 = 45$	

8 of the 36 essential facts learnt by the end of the 2 times table unit

$2 \times 2 = 4$							
$3 \times 2 = 6$	$3 \times 3 = 9$						
$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$					
$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$				
$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$			
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15 of the 36 essential facts
learnt by the end of the
square times table unit

$2 \times 2 = 4$							
$3 \times 2 = 6$	$3 \times 3 = 9$						
$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$					
$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$				
$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$			
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$9 \times 2 = 18$	$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 6 = 54$	$9 \times 7 = 63$	$9 \times 8 = 72$	$9 \times 9 = 81$

21 of the 36 essential facts
learnt by the end of the
5 times table unit

$2 \times 2 = 4$							
$3 \times 2 = 6$	$3 \times 3 = 9$						
$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$					
$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$				
$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$			
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