



**St Philip's Catholic
Primary School**

Times Tables Challenge

I belong to: _____

Elite Stage One

Dear parents/carers,

Your child has now achieved the times table requirements as set out in the National Curriculum (The Einstein Award). However, it is imperative that children not only learn these facts but are then able to apply them in a range of contexts.

This booklet is the children's first step on that journey. The 'Elite' challenges bring into play knowledge of how multiplying and dividing by multiples of 10, 100 and 1000 affects the place value of numbers.

This first stage multiplies each times table by ten. Therefore, rather than working on 2, 5, 10 and 3 they will be multiplying by 20, 50, 100 and 30; applying their previous knowledge. It is important that children continue practising these base times tables in order to keep these useful facts fresh in their minds.

Thank you for your continued support.

Elite Stage 1 Challenge

Can you complete this times table challenge in 5 minutes or under? Good Luck!

Top Tip: Why not record your time at home and see if you can beat it next time you practise

X	20	100	50	30
10				
2				
4				
7				
12				
3				
9				
5				
1				
6				
11				
8				

Time Taken: _____

Elite Stage 1 Challenge

Can you complete this times table challenge in 5 minutes or under? Good Luck!

Top Tip: Why not record your time at home and see if you can beat it next time you practise

X	20	100	50	30
2				
6				
8				
1				
12				
5				
4				
9				
11				
7				
3				
10				

Dear student mathematician,

Congratulations on achieving your Einstein Award. It's now time to really test yourself and apply those facts you have learnt.

This is Stage 1 of the Elite Challenges. In the Elite Challenges, you will use your knowledge of how multiplying and dividing by multiples of 10, 100 and 1000 affects the place value of numbers.

This first stage multiplies each times table by ten. Therefore, rather than working on 2, 5, 10 and 3 you will be multiplying by 20, 50, 100 and 30; applying your previous knowledge. It is important that you continue practising these base times tables in order to keep these useful facts fresh in your mind.

Keep working hard and don't get complacent. These Elite Challenges will get very tough, very quickly.

Time Taken: _____

2 Times Table (20s)

$1 \times 20 = 20$	$2 \times 20 = 40$	$3 \times 20 = 60$	$4 \times 20 = 80$
$5 \times 20 = 100$	$6 \times 20 = 120$	$7 \times 20 = 140$	$8 \times 20 = 160$
$9 \times 20 = 180$	$10 \times 20 = 200$	$11 \times 20 = 220$	$12 \times 20 = 240$

Top Tip— To multiply by 20 just double and then times by 10

Parent/guardian's comments/signature:

Elite Stage 1 Challenge

Can you complete this times table challenge in 5 minutes or under?
Good Luck!

Top Tip: Why not record your time at home and see if you can beat it next time you practise

X	20	100	50	30
3				
8				
6				
4				
1				
12				
2				
9				
10				
5				
7				
11				

Time Taken: _____

Elite Stage 1 Challenge

Can you complete this times table challenge in 5 minutes or under?
Good Luck!

Top Tip: Why not record your time at home and see if you can beat it next time you practise

X	20	100	50	30
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

Time Taken: _____

10 Times Table (100s)

$1 \times 100 = 100$	$2 \times 100 = 200$	$3 \times 100 = 300$	$4 \times 100 = 400$
$5 \times 100 = 500$	$6 \times 100 = 600$	$7 \times 100 = 700$	$8 \times 100 = 800$
$9 \times 100 = 900$	$10 \times 100 = 1000$	$11 \times 100 = 1100$	$12 \times 100 = 1200$

Top Tip— To multiply by 100, times by 10 and then times by 10 again

Parent/guardian's comments/signature:

5 Times Table (50s)

$1 \times 5 = 50$	$2 \times 50 = 100$	$3 \times 50 = 150$	$4 \times 50 = 200$
$5 \times 50 = 250$	$6 \times 50 = 300$	$7 \times 50 = 350$	$8 \times 50 = 400$
$9 \times 50 = 450$	$10 \times 50 = 500$	$11 \times 50 = 550$	$12 \times 50 = 600$

Top Tip— When multiplying by 50, use the pattern 50, 100, 150, 200, 250 etc.

Parent/guardian's comments/signature:

3 Times Table (30s)

$1 \times 30 = 30$	$2 \times 30 = 60$	$3 \times 30 = 90$	$4 \times 30 = 120$
$5 \times 30 = 150$	$6 \times 30 = 180$	$7 \times 30 = 210$	$8 \times 30 = 240$
$9 \times 30 = 270$	$10 \times 30 = 300$	$11 \times 30 = 330$	$12 \times 30 = 360$

Top Tip— To multiply by 30; multiply by 3 then by 10

Parent/guardian's comments/signature: