St Philip's Catholic Primary School

Times Table Challenge

I belong to:

Gold Award
Practice book

Dear parents/carers,

At St Philip's, we believe that times tables are a vital skill, which offer a foundation for learning other aspects of mathematics. Regular practise of times tables is essential in ensuring that they are embedded in the children's long term memory.

This is a Gold booklet, which focusses on the 7, 11 and 12 times tables as well as those from the bronze and silver awards. We request that the children practise these times tables at home and school on a regular basis, and they will be tested on these weekly, in a format shown at the back of the booklet. When the children can answer all of these times tables accurately and timely, they will move onto Gold Plus Award, focusing on division of these facts

Tips for helping your child to learn their times tables:

~Regular practise (at least 3 times a week)   ~Demonstrate

~Chant / sing songs   ~Stick up a chart

~Play games

Useful websites:

www. resources.woodlands-junior.kent.sch.uk/maths/timestable/ interactive.htm

www.ictgames.com/resources.html

www.activelearnprimary.co.uk

www.fun4thebrain.com/division.html

Tablet apps:

~Squeebles Multiplication trainer   ~Maths Practice

~Splash Maths   ~Turbo tables

We thank you in advance for your support

X	11	4	3	8	9	5	10	4	2	6	7	1
12												
11												
7												
9												
6												
8												
4												
3												
5												
10												
2												

Time Taken:_____

X	12	3	7	10	1	9	5	6	4	2	11	8
12												
11												
7												
9												
6												
8												
4												
3												
5												
10												
2												

Time Taken:_____

Dear student mathematician,

You are working on Gold times tables, which are the 7, 11 and 12 times tables. It is very important that you practise these as often as you can to improve your speed and accuracy.

Each week, you will be tested on these.

How quickly can you answer 132 times tables questions?

Tips to help you learn your times tables:

~Chant each times table out loud: 'four times two is eight'

~Make a rhyme

~Can you do it backwards, starting with 12 x ?

~Ask someone to test you in a random order.

Once you have achieved your Gold award you are able to try for your Gold Plus! This will test your knowledge of division and enable you to master your number facts.

Good luck!

2 Times Table

1 x 2 = 2	2 x 2 = 4	3 x 2 = 6	4 x 2 = 8
5 x 2 = 10	6 x 2 = 12	7 x 2 = 14	8 x 2 = 16
9 x 2 = 18	10 x 2 = 20	11 x 2 = 22	12 x 2 = 24

Top Tip— 2× is just doubling the number. The same as add-ing the number to itself.

Parent/guardian's comments/signature:

X	2	5	12	9	4	6	10	3	7	1	8	11
12												
11												
7												
9												
6												
8												
4												
3												
5												
10												
2												

Time Taken:_____

10 Times Table

1 x 10 = 10	2 x 10 = 20	3 x 10 = 30	4 x 10 = 40
5 x 10 = 50	6 x 10 = 60	7 x 10 = 70	8 x 10 = 80
9 x 10 = 90	10 x 10 = 100	11 x 10 = 110	12 x 10 = 120

Top Tip— 10× is maybe the easiest of them all ... just move your digit one space to the left and add a zero as a place

holder.   e.g. 5 x 10 —>

Parent/guardian's comments/signature:

X	2	10	5	3	4	8	6	9	7	11	12
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
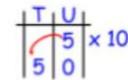
Time Taken:_____

5 Times Table

1 x 5 = 5	2 x 5 = 10	3 x 5 = 15	4 x 5 = 20
5 x 5 = 25	6 x 5 = 30	7 x 5 = 35	8 x 5 = 40
9 x 5 = 45	10 x 5 = 50	11 x 5 = 55	12 x 5 = 60

Top Tip— 5× has a pattern: 5, 10, 15, 20, etc. So, numbers in the 5 x tables always end in either 0 or 5

Or, you could x10 and half

Parent/guardian's comments/signature:

Gold Times Tables Challenge

Can you complete each of the following times table challenges in 10 minutes or under?

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

12 Times Table

1 x 12 = 12	2 x 12 = 24	3 x 12 = 36	4 x 12 = 48
5 x 12 = 60	6 x 12 = 72	7 x 12 = 84	8 x 12 = 96
9 x 12 = 108	10 x 12 = 120	11 x 12 = 132	12 x 12 = 144

Top Tip—

6x remember to use the facts that you have already learned.
6 x 4 = 24 so 4 x 6 = 24.

Parent/guardian's comments/signature:

3 Times Table

1 x 3 = 3	2 x 3= 6	3 x 3 = 9	4 x 3= 12
5 x 3 = 15	6 x 3 = 18	7 x 3 = 21	8 x 3= 24
9 x 3= 27	10 x 3 = 30	11 x 3 = 33	12 x 3 = 36

Top Tip— If the digits in the number add up to either 3, 6 or 9, then that number is in the 3x tables.

e.g.   27 —> 2 + 7 = 9

Parent/guardian's comments/signature:

4 Times Table

1 x 4 = 4	2 x 4 = 8	3 x 4 = 12	4 x 4 = 16
5 x 4 = 20	6 x 4 = 24	7 x 4 = 28	8 x 4 = 32
9 x 4 = 36	10 x 4 = 40	11 x 4 = 44	12 x 4 = 48

Top Tip—

   4× simply double the number and double it again. Notice how, in the 4x tables, all of the units are even digits

Parent/guardian's comments/signature:

11 Times Table

1 x 11 = 11	2 x 11= 22	3 x 11 = 33	4 x 11= 44
5 x 11 = 55	6 x 11 = 66	7 x 11 = 77	8 x 11= 88
9 x 11= 99	10 x 11 = 110	11 x 11 = 121	12 x 11 = 132

Top Tip— 11 × is easy-peasy up to 9 x 11: just write the number that you are multiplying twice. E.g. 3 x 11 = 33

Parent/guardian's comments/signature:

7 Times Table

1 x 7 = 7	2 x 7 = 14	3 x 7 = 21	4 x 7 = 28
5 x 7 = 35	6 x 7 = 42	7 x 7 = 49	8 x 7 = 56
9 x 7 = 63	10 x 7 = 70	11 x 7 = 77	12 x 7 = 84

Top Tip—

Remember to use the facts that you have already learnt.

7 x 5 = 35 so 5 x 7 = 35

Parent/guardian's comments/signature:

8 Times Table

1 x 8 = 8	2 x 8 = 16	3 x 8 = 24	4 x 8 = 32
5 x 8 = 40	6 x 8 = 48	7 x 8 = 56	8 x 8 = 64
9 x 8 = 72	10 x 8 = 80	11 x 8 = 88	12 x 8 = 96

Top Tip— 8× all of the numbers in the 8 times tables are even.

Can you spot the pattern? The ones digits go down in 2s (8, 6, 4, 2, 0)

Parent/guardian's comments/signature:

6 Times Table

1 x 6 = 6	2 x 6 = 12	3 x 6 = 18	4 x 6 = 24
5 x 6 = 30	6 x 6 = 36	7 x 6 = 42	8 x 6 = 48
9 x 6 = 54	10 x 6 = 60	11 x 6 = 66	12 x 6 = 72

Top Tip—

6x remember to use the facts that you have already learned.
6 x 4 = 24 so 4 x 6 = 24.

Parent/guardian's comments/signature:

9 Times Table

1 x 9 = 9	2 x 9 = 18	3 x 9 = 27	4 x 9 = 36
5 x 9 = 45	6 x 9 = 54	7 x 9 = 63	8 x 9 = 72
9 x 9 = 81	10 x 9 = 90	11 x 9 = 99	12 x 9 = 108

Top Tip— 9× has a pattern: 9, 18, 27, 36, 45, 54, 63, 72, 81, 90

Notice how the 'ones' go down: 9,8,7,6, …? And the 'tens' go up: 1,2,3,…? Your hands can help!

Example: to multiply 9 by 8: hold your 8th finger down, and you can count "7" and "2" … the answer is 72.

Parent/guardian's comments/signature: