Manland Primary School
Times Tables Challenge

Gold Award
Practice Pack

Name _____

Dear Parents/Carers,

At Manland Primary School, we believe that quick recall of times tables is a vital skill, which offers an important foundation for the learning of other aspects of mathematics. Regular practice 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 8, 9 and 12 times tables. We request that children practise these times tables at home on a regular basis, and can be tested using the grid shown at the back of the booklet. When the children can answer all of these times tables accurately and timely, they will move onto Platinum times tables.

Tips for helping your child to learn their times tables:

- ➢ Regular practise (at least 3 times a week)
- ➢ Chant/ sing songs

- ➢ Play games
- ➢ Demonstrate with a number line or counting stick
- ➢ Stick up a chart

Useful websites:

http://www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm

http://www.ictgames.com/resources.html

https://ttrockstars.com/

https://fun4thebrain.com/

https://www.mathshed.com/en-gb/index.html

Tablet apps:

Squeebles   Multiplication trainer

Maths practice   Splash maths 7-9

Splash maths 8-10

We thank you in advance for your support.

Dear Student Mathematician,

You are working on Gold times tables, which are 8, 9 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 48 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 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!

8 Times Table

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

☺   😐   ☹

Self assessment:

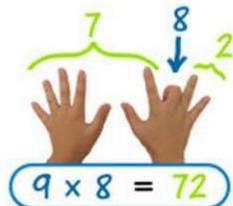Parent/guardian's comments/signature:

9 Times Table

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

Top Tip:

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

☺   ☹   ☹

Self assessment:

Parent/guardian's comments/signature:

12 Times Table

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

Top Tip:

12× Note that 12 is 10 + 2, so 12 x *something* is 10 x *something* + 2 x *something*. Example:

4 x 12 =

10 x 4 = **40** + 2 x 4 = **8**

☺ ☺ ☹

Self assessment:

Parent/guardian's comments/signature:

Gold Times Tables Challenge

Can you complete a times table race in 5 minutes or under?

 Good Luck!

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

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