Times Table Challenge Sponsor Form

Name	Amount per Times Table	Or set amount
Total raised		

Overdale Junior School

Sponsored Times Tables Challenge

Name_____

Class_____

I will be learning the

_____Times Tables.

Learning your times tables -off by heart is best. Next best is to work them out very quickly by using what you know:
Use doubles: If you know 2x__, then 4x___ and 8x ___ is easy using doubling… If you know 3x__, then 6x is easy using doubling…
Use halving: If you know 10x___ then 5x is easy using halving…
Use what you know then add/ subtract one group: If you know 5x___, then 6x___ is easy… If you know 10x__ then 9x___ is easy…
Halve the ones you need to learn: –always remember 3x5 has the same answer as 5x3…
Make the hardest ones your favourites: 7x8, 6x7, 8x6 – there aren't that many tough ones – just learn them off by heart!

Chanting	The more you chant, the easier it gets! Use the Multiplication Grid in the playground. Chant along in class.
Write it out	The more you write out the times table, the easier it gets!
Play a game on-line	Loads to choose from. https://ttrockstars.com www.mathplayground.com/ www.multiplication.com/games
Get an app	Lots of free ones – get one on your smartphone or tablet (tt rock stars)
Playing Card challenge	Deal 2 playing cards – first to multiply them together wins

Practice session (at least 15 minutes)	Date	Times Table/s practiced	Parent signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Challenge Day Session			
Times Tables tested			
Achieved Teacher signature			

Playground Markings

We have been busy using our playground markings on the Wibbly Wobbly playground.

These consist of a large multi-coloured **multiplication grid** and a **clock/compass**. The children are making good use of this addition to their learning environment during playtimes.

As it is a new year, we would love to celebrate maths and have a times tables competition within school. With the money raised, we will be having a maths reasoning day, where https://www.subjectrevolution.co.uk/maths come into school and set up fun and engaging activities. We will look to use any further money towards improving our classroom resources.

Practise sessions – as well as practising at home we will be practising at school. You will be practising on times tables speed sheets (attached at the back) throughout the week. You will also be competing against other classes within our school so your class can be crowned the champions.

Good luck!

Mr Ellis (Maths Co-ordinator) and Miss Smith

The National Curriculum 2014 expectations for each Year group are as follows:	
Year 2	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
Year 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
Year 4	Recall multiplication and division facts for multiplication tables up to 12 × 12.
Year 5	Revision of all times tables and division facts up to 12 x 12.
Year 6	Revision of all times tables and division facts up to 12 x 12.

12 X 12 Multiplication Table													
X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

Use the row below to tick the Times Tables that you know.
Circle the Times Tables you are learning.

2	5	10	3	4	8	6	7	9	11	12

Extension Task-if you know all of these tables then use the tick list below to learn the first 12:

Prime Numbers	Square Numbers	Cube Numbers

How to do the Times Tables Challenge

1. Tick the Times Tables that you know. Circle 2 or more to learn by the challenge day.
2. Ask your parents, friends and family to sponsor you to learn the Times Tables you have circled.
3. Fill in the sponsor form with names and amount.
4. Keep this booklet in your book bag.
5. Your teacher will test your baseline speed.
6. Your teacher will record the Times Tables you have learnt, you will be tested against your baseline speed and if you've improved you will receive a certificate.
7. Collect the sponsor money from your family and friends. Hand the money in to your teacher.

.Skills Check

- I can chant my tables in order.
- I can answer Times Tables questions in a random order.
- I know related division facts for a Times Table.
  For example: 7x8=56 so 56 divided by 7=8
- I can use Times Tables facts to solve real life problems.
- Your teacher has set you up with a tailored times tables practise on Times Tables Rock Stars. Please practise these using your unique login and password.

Write out the Times Tables that you are learning in columns on this page.

Do you notice any patterns?

Is the ones digit always odd, always even or odd then even?