GOLD CHALLENGE BOOK

NAME:……

CLASS:……

The Gold Maths Challenge

At home

Focus on 1 table at a time. Learn the multiplications in order to start with. When you are confident, record the answers on this booklet. Get an adult at home to sign and date that you have completed it independently.

When you have completed this, show it to an adult at school who will test you!

At school

When you have completed 1 column (e.g. the 3 times tables), show your booklet to an adult.

The adult will then test your times tables. If you have been learning it in order it will be tested in order, and if you have been learning it out of order it will be tested randomly.

If you are able to answer the questions, at pace, the adult will sign that you have completed this section.

If you have not answered the question quickly enough, you will be asked to continue to practise at home and will have the opportunity to be tested again.

When you have completed the booklet

You will be asked to take your booklet to Mrs Macey who will ask you random tables from the booklet. If you are able to do this you will be awarded a badge to wear proudly!

You will then be given the next booklet to complete!

6 Times Table	**7 Times Table**	**11 Times table**
1x6=	1x7=	1x11=
2x6=	2x7=	2x11=
3x6=	3x7=	3x11=
4x6=	4x7=	4x11=
5x6=	5x7=	5x11=
6x6=	6x7=	6x11=
7x6=	7x7=	7x11=
8x6=	8x7=	8x11=
9x6=	9x7=	9x11=
10x6=	10x7=	10x11=
11x6=	11x7=	11x11=
12x6=	12x7=	12x11=
Date completed:	Date completed:	Date completed:
Signed.....	Signed.....	Signed.....
12 Times Table	**A mixture of 6 and 7**	**A mixture of 11 and 12**
1x12=	2x6=	2x11=
2x12=	4x6=	5x11=
3x12=	7x6=	9x11=
4x12=	9x6=	11x11=
5x12=	10x6=	12x11=
6x12=	11x6=	4x12=
7x12=	1x7=	6x12=
8x12=	4x7=	8x12=
9x12=	5x7=	10x12=
10x12=	6x7=	12x12=
11x12=	9x7=	3x11=
12x12=	12x7=	3x12=
Date completed:	Date completed:	Date completed:
Signed.....	Signed.....	Signed.....

6 Times Tables: I have been tested by .....

7 Times Tables: I have been tested by .....

11 Times Tables: I have been tested by .....

12 Times Tables: I have been tested by .....

Date completed:

6 x out of order	**7 x out of order**	**11 x out of order**
9x6=	1x7=	11x11=
1x6=	11x7=	1x11=
12x6=	9x7=	12x11=
2x6=	2x7=	2x11=
7x6=	3x7=	3x11=
3x6=	12x7=	10x11=
4x6=	4x7=	8x11=
11x6=	10x7=	4x11=
5x6=	5x7=	9x11=
6x6=	6x7=	5x11=
8x6=	7x7=	6x11=
10x6=	8x7=	7x11=
Date completed:	Date completed:	Date completed:
Signed.....	Signed.....	Signed.....
12 x out of order	**A mixture of 6 and 7 out of order**	**A mixture of 11 and 12 out of order**
10x12=	5x7=	8x12=
1x12=	12x7=	2x11=
9x12=	2x6=	5x11=
2x12=	4x6=	3x12=
12x12=	1x7=	3x11=
7x12=	7x6=	9x11=
3x12=	6x7=	11x11=
4x12=	9x6=	4x12=
11x12=	10x6=	6x12=
5x12=	11x6=	12x11=
6x12=	4x7=	10x12=
8x12=	Date completed:	Date completed:
Date completed:	Signed.....	Signed.....
Signed.....		

6 Times Tables out of order: I have been tested by .....

7 Times Tables out of order: I have been tested by .....

11 Times Tables out of order: I have been tested by .....

12 Times Tables out of order: I have been tested by .....

Date completed:

Divide by 6	**Divide by 7**	**Divide by 11**
72÷6=	84÷7=	132÷11=
66÷6=	77÷7=	121÷11=
60÷6=	70÷7=	110÷11=
54÷6=	63÷7=	99÷11=
48÷6=	56÷7=	88÷11=
42÷6=	49÷7=	77÷11=
36÷6=	42÷7=	66÷11=
30÷6=	35÷7=	55÷11=
24÷6=	28÷7=	44÷11=
18÷6=	21÷7=	33÷11=
12÷6=	14÷7=	22÷11=
6÷6=	7÷7=	11÷11=
Date completed: Signed.....	Date completed: Signed.....	Date completed: Signed.....
Divide by 12	**A mixture of divide by 11 and 12**	**A mixture of divide by 6 and 7**
144÷12=	88÷11=	72÷6=
132÷12=	66÷11=	60÷6=
120÷12=	44÷11=	42÷6=
108÷12=	22÷11=	36÷6=
96÷12=	120÷12=	24÷6=
84÷12=	84÷12=	12÷6=
72÷12=	72÷12=	84÷7=
60÷12=	60÷12=	56÷7=
48÷12=	24÷12=	42÷7=
36÷12=	12÷12=	35÷7=
24÷12=	132÷11=	21÷7=
12÷12=		
Date completed: Signed.....	Date completed: Signed.....	Date completed: Signed.....

Divide by 6: I have been tested by .....

Divide by 7: I have been tested by .....

Divide by 11: I have been tested by .....

Divide by 12: I have been tested by .....

Date completed:

Divide by 6 out of order	Divide by 7 out of order	Divide by 11 out order
30÷6=	49÷7=	77÷11=
72÷6=	14÷7=	132÷11=
18÷6=	84÷7=	33÷11=
66÷6=	77÷7=	121÷11=
54÷6=	7÷7=	22÷11=
48÷6=	42÷7=	110÷11=
6÷6=	70÷7=	55÷11=
42÷6=	21÷7=	99÷11=
60÷6=	63÷7=	11÷11=
24÷6=	56÷7=	88÷11=
36÷6=	35÷7=	66÷11=
12÷6=	28÷7=	44÷11=
Date completed:	Date completed:	Date completed:
Signed.....	Signed.....	Signed.....

Divide by 12 out order	Divide by 6 and 7 out order	Divide by 11 and 12 out order
60÷12=	84÷7=	12÷12=
144÷12=	72÷6=	88÷11=
12÷12=	60÷6=	24÷12=
132÷12=	56÷7=	66÷11=
120÷12=	42÷6=	44÷11=
96÷12=	36÷6=	120÷12=
72÷12=	21÷7=	84÷12=
108÷12=	24÷6=	72÷12=
48÷12=	12÷6=	60÷12=
36÷12=	42÷7=	22÷11=
84÷12=	35÷7=	132÷11=
24÷12=		
Date completed:	Date completed:	Date completed:
Signed.....	Signed.....	Signed.....

Divide by 6 out of order: I have been tested by .....

Divide by 7 out of order: I have been tested by .....

Divide by 11 out of order: I have been tested by .....

Divide by 12 out of order: I have been tested by .....

Date completed:

How to learn your tables:

1. **Writing them out**- write out the whole multiplication questions. Cover them up and try again. If you are confident in this, challenge a partner. How quickly can you write them out?
2. **Making posters-** create an exciting poster to post around your room at home. Having the tables around you will help you to learn them.
3. **Playing games-** make learning your number facts exciting. Play games with your friends or family. Good games include bingo, hide the answers, splat the sherriff etc.
4. **Learning a song-** use the app- Mathsrockx or Percy Parker Times Tables or just create your own song.
5. **Testing your friends-** This is a whole school challenge. Why not create a group to help you learn your facts?
6. **Testing your family**
7. **Try these websites:**

- www.mathsrockx.com
- **http://www.teachingtables.co.uk/**
- **http://www.math-play.com/multiplication-games.html**
- **http://www.multiplication.com/games/all-games**