



Dear Parents and Carers,

Times Tables Grand Prix Challenge

In the Primary National Curriculum 2014, times tables up to 12 x 12 are something which children are required to know and understand by the end of Year 4. To help with this, we are introducing a new Times Tables Grand Prix Challenge, so children and adults know where pupils are up to in their learning of times tables.

What is it?

A way of tracking children's progress towards learning all multiplication and division facts up to 12 x 12. This is an opportunity for children to learn the division facts which are the inverse of the times tables they have learned previously. In order to achieve the award, your child will need to show they can recall all the times tables amalgamated together in a random order for the particular award criteria. This is displayed as the underlined numbers in the table below. So for example to achieve the Bronze Award, your child will need to know their 5, 10 and 2 times table and for the Silver award your child will have needed to retain their 5, 10 and 2 times table as well as learnt their 4 and 8.

How does it work?

The tracker works via a set of awards which cover certain times tables (multiplication and division facts):

Award	Tables	Tests (in order) - multiplication and division facts for:
Bronze	10,2,5	10 / 2 / 5 / <u>10,2,5</u>
Silver	4, 8	4 / 8 / <u>10,2,5,4,8</u>
Gold	3, 6, 9	3 / 6 / 9 / <u>10,2,5,4,8,3,6,9</u>
Platinum	7	7 / <u>All tables 1-10</u>
Diamond	11, 12	11 / 12 / <u>All tables 1-12</u>

Children can practise at the following website: www.timestables.me.uk and can print off practice tests here: <http://www.timestables.me.uk/printable-pdf-quiz-generator.htm>

They need to know which times table they are working on so they can choose the correct options. Tests will cover both the "Times by" and "Divide by" options and in Years 3 and 4 children should complete the 40 questions correctly in 5 minutes. In Years 5 and 6 children should complete the 40 questions correctly in 4 minutes, gradually working towards 3 and a half minutes in Year 6

What is a multiplication and division fact?

The multiplication and division facts for 3, 4 and 12 are:

$$3 \times 4 = 12 \quad 4 \times 3 = 12 \quad 12 \div 3 = 4 \quad 12 \div 4 = 3$$

A child learning the 3 or 4 times tables will need to know all 4 facts.

What do children need to do?

- Practise the multiplication and division facts using flashcards, online games, repetition and other strategies. There will be some opportunities to practise in school as well as at home.
- Complete the grids in their homework log
- Complete the tests in class.

What can parents do to help?

- Help children to practise the multiplication and division facts, encouraging them to give quick responses.
- Celebrate when children complete awards.

How is progress tracked?

- Children have an individual tracker in their arithmetic books - there is an example of this below.
- Teachers will record on a class tracker where individuals are working.
- Any children who are struggling to learn their times tables will get help at school as well within their daily maths lesson

How is success rewarded?

- For each successful completion of an award, a certificate will be handed out on a Friday assembly to celebrate your child's success.

The Times Table Grand Prix Challenge start this week so please discuss this with your child and find out which award and test they are working on each week.

Many thanks for your support with this,

Times Tables Tracker				All combined	DONE!
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Bronze	2	5	10	2, 5 and 10	
Silver	4	8		2, 4, 8, 5 and 10	
Gold	3	6	9	3, 6, 9, 2, 4, 8, 5 and 10	
Platinum	7			7, 3, 6, 9, 2, 4, 8, 5 and 10	
Diamond	11	12		All 1 to 12	

