



High expectations, Highercall

Highercall Primary School

Times Table Challenge

In the National Curriculum for all Primary Schools, there are high expectations for all year groups for learning their multiplication and division facts.

Here are the expectations for each year group:

Year 1: Count in 2s, 5s and 10s

Year 2: Recall and use multiplication and division facts for the 2, 5 and 10 times tables.

Year 3: Recall and use multiplication and division facts for the 3, 4, 6, 8 times tables.

Year 4: Recall multiplication and division facts for all multiplication tables up to 12 x 12.

This is a big change, as there is now an expectation that by Year 4, all children will know their multiplication and division facts.

We are therefore having a big push on teaching multiplication and division facts at school. The more practise your child gets at home, the more it will support their work in school. This leaflet has lots of ideas for helping to learn the facts, other than just by rote! The more fun and practical, the better.

Bronze Award

2 times table

5 times table

10 times table

Learn your multiplication and division facts.



Name of child

Times Table Challenge – bronze

Each week your child will be tested with a set of multiplication questions based upon the 2, 5 or 10 times tables. When all the questions are quickly and accurately answered for the 10 times table, your child will move onto the 2 times table and then the 5 times table. To complete bronze, your child will then move onto answering division questions for the 2, 5 and 10 times table.

Please practise the times tables at home by games, reciting or learning songs or using ICT APPs. There are some suggestions in this leaflet.

2 times table

$$\begin{aligned}1 \times 2 &= 2 \\2 \times 2 &= 4 \\3 \times 2 &= 6 \\4 \times 2 &= 8 \\5 \times 2 &= 10 \\6 \times 2 &= 12 \\7 \times 2 &= 14 \\8 \times 2 &= 16 \\9 \times 2 &= 18 \\10 \times 2 &= 20 \\11 \times 2 &= 22 \\12 \times 2 &= 24\end{aligned}$$

5 times table

$$\begin{aligned}1 \times 5 &= 5 \\2 \times 5 &= 10 \\3 \times 5 &= 15 \\4 \times 5 &= 20 \\5 \times 5 &= 25 \\6 \times 5 &= 30 \\7 \times 5 &= 35 \\8 \times 5 &= 40 \\9 \times 5 &= 45 \\10 \times 5 &= 50 \\11 \times 5 &= 55 \\12 \times 5 &= 60\end{aligned}$$

10 times table

$$\begin{aligned}1 \times 10 &= 10 \\2 \times 10 &= 20 \\3 \times 10 &= 30 \\4 \times 10 &= 40 \\5 \times 10 &= 50 \\6 \times 10 &= 60 \\7 \times 10 &= 70 \\8 \times 10 &= 80 \\9 \times 10 &= 90 \\10 \times 10 &= 100 \\11 \times 10 &= 110 \\12 \times 10 &= 120\end{aligned}$$

Ideas to help learn times tables:

Games:

A stack of coins – at least a dozen each of 1p, 5p and 10p, and preferably two dozen 2p, will let you make up a full set of tables to 12x12 for the occasions when your child might need to go back and check by counting. No cost, beyond the time it takes to collect up the change.

A pack of cards – take out the aces and Kings, count Jack as 11 and Queen as 12, and you can practise the full range of tables by dealing your child two cards and asking them to multiply them.

A pack of blank cards (make them out of cardboard or paper, or buy premade versions) These are infinitely versatile. You can write down whatever items your child has problems with and make Pelmanism sets with questions and answers. (Write the questions and answers on different cards. Shuffle and turn the cards face down. The child has to turn over a card, then turn over the matching card. You can start with a small number of sets and build up.) How many card questions can your child answer correctly against the clock?



Time challenges can be a really good way of helping times tables become automatic. Some ideas we use in school are:

- Measuring the time it takes to write the times table, then trying to beat that time
- Seeing how many times you can write that table in one minute
- Races/challenges against other people

If you have access to an iPad or tablet, there are lots of great **APPs** which you can use with your child to learn multiplication and division facts. Here's a couple which might be fun!



Singing times tables can be a really good way for the children to learn. Most book shops and toy shops will have CDs of times tables songs that the children can sing along to, or you could always make up your own to a known tune

Some **websites** can be really useful:

<http://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

<http://www.teachingtables.co.uk/>

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