

Thurleigh & Kymbrook Federation Multiplication and Division Guide for Families

<p>MULTIPLICATION SNAP</p> <p>You will need a deck of cards for this game!</p> <ol style="list-style-type: none"> 1. Flip over the cards as though you are playing Snap. 2. The first one to say the fact based on the cards turned over (a two and a three = Say "6") gets the card. 3. The person with the most cards wins! 	<p>BINGO!</p> <p>This game will need two players! Make a grid of six squares on a piece of paper and ask your child to write a number in each square from the target table. Give them a question and if they have the answer, they mark the number off. First one to cross off all their numbers is the winner!</p>	<p>SUPER FINGERS!</p> <p>The game is basically a version of stone, paper, scissors but with numbers. Two players count to three and then make a number using their fingers. Both players then have to multiply both the numbers together and the quickest to say the answer wins.</p>
<p>LOOKING FOR PATTERNS!</p> <p>Being able to spot patterns in numbers is an important skill and can also help with learning tables. Children can investigate these multiplication rules:</p> <p>Odd number x odd number = odd number (E.g. $3 \times 5 = 15$)</p> <p>Even number x even number = even number (E.g. $4 \times 6 = 24$)</p> <p>Odd number x even number = even number (E.g. $3 \times 6 = 18$)</p>	<p>RHYME TIME!</p> <p>Silly rhymes can help some children learn tricky tables. Children can write their own for the tricky ones. e.g. $8 \times 8 = 64$ He ate and ate and he was sick on the floor, eight times eight is 64!</p> <p>$3 \times 3 = 9$ Swing from tree to tree on a vine, three times three is nine!</p> <p>$6 \times 8 = 48$ Six and eight get along great, multiplied together they make forty eight!</p>	<p>BEAT THE CLOCK!</p> <p>Time challenges can be a really good way of helping some children improve their fluency:</p> <ul style="list-style-type: none"> • Measuring the time it takes to write the table, then trying to beat that time. • Seeing how many times you can write that table in one minute. • Races/challenges against other people.

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GAMES TO PLAY & STRATEGIES TO TRY

FREE WEBSITES TO TRY ON A COMPUTER

These websites have links to dozens of multiplication and division games:

<http://www.topmarks.co.uk/maths-games/5-7-years/times-tables>

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

<http://resources.woodlands-junior.kent.sch.uk/maths/timestable/index.html>

OPTIONAL APPS

Below are a few of the many apps available on the market to support children with their multiplication and division facts. There is no obligation for parents to purchase these apps.

<p>Hit the Button Maths- £2.29 Mental Maths and calculation skills practice for 5-11 year olds Available as an app for iPad and Android devices. Practise times tables, division, square numbers, number bonds, doubling and halving. User profiles with individual high score tracking.</p>	<p>Dorling Kindersley 10 Minutes a Day Times Tables - FREE</p> <p>Race against the clock with your Maths skills! Young learners excel in short bursts, so DK's 10 Minutes a Day Times Tables app is the perfect introduction to Maths for children.</p>
<p>Squeebles Times Tables 2 - £2.99 By answering times tables questions, children help Whizz to rescue the Squeebles from the clutches of the nasty Maths Monster and earn a multitude of rewards, as well as earning turns on a great mini-game.</p>	<p>Bubble Pop Multiplication- £1.49 An alternative way of practising times tables facts! Work out the answer to each question then aim at the correct answer to pop the bubbles.</p>

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