

<b>KIRF</b>	<b>Suggested activities to rehearse the KIRF</b>
<b>Year 1</b> To know doubles and halves of numbers to 10.	<p style="text-align: center;"><b>Using Numicon</b> – Doubles matching game – / guess my number.</p> <p style="text-align: center;"><b>Tens frame / rekenreks</b> – show me double / half of a given number to 10.</p> <p style="text-align: center;">Hit the button - <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p>
<b>Year 2</b> To know doubles and halves of numbers to 20	<p style="text-align: center;">Hit the button - <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p style="text-align: center;">Archery doubles - <a href="https://ictgames.com/mobilePage/archeryDoubles/index.html">https://ictgames.com/mobilePage/archeryDoubles/index.html</a></p> <p style="text-align: center;">Double board game - <a href="https://www.twinkl.co.uk/resource/t-n-1796-doubles-addition-bus-board-game">https://www.twinkl.co.uk/resource/t-n-1796-doubles-addition-bus-board-game</a></p> <p style="text-align: center;"><b>White Rose One Minute App</b> – (Addition) (11 – Doubles)</p> <p style="text-align: center;"><b>Tens frame / rekenreks</b> – show me double / half of a given number to 10.</p>

**Year 3**

To find 10 or 100 more or less than a given number.

**Play 'shoot out'** but with ten more / less or 100 more or less than a given number.

**Bingo** – ten more or less bingo <https://www.twinkl.co.uk/resource/t2-m-5762-10-more-or-less-bingo>

**Number Search** <https://www.twinkl.co.uk/resource/t2-m-5758-10-and-100-more-and-less-number-search>

**Pairs Game** - <https://www.twinkl.co.uk/resource/t2-m-1287-new-add-and-subtract-100-partner-cards-game-pack>

**Year 4**

To know and recall my 7 times table and related division facts.

**Pattern spot** – what patterns can you find in your times tables? Highlight on a 100 square

Throwing and catching a bean bag – recall a multiplication fact

Multiplication Bingo (for a specific times table)

**Roll and Answer**

Roll a 0-9 dice –children need to answer in their jotters / on a WB as quick as they can the answer to that number multiplied by 9 or 11. [SEN learners could be supported with a multiplication square.](#)

**Digit card race**

Using a set of 0-12 digit cards, mix the order up and turn all cards over in a row. How fast can you turn each card over and answer the multiplication fact  $x$  by a multiple of the teacher's choice. If they get it wrong, turn the card back over and their partner has a try. Repeat. [SEN learners could be supported with a multiplication square.](#)

White Rose One Minute App (you can choose specific multiplication facts).

**Hit the Button**

<https://www.topmarks.co.uk/maths-games/hit-the-button>

**Play Buzz**

[SEN learners could be supported by highlighting the particular multiple on their 100 square.](#)

<p><b>Year 5</b> To find factor pairs of a number.</p>	<p><b>Think of the question</b> – One player thinks of a times table question (e.g. <math>4 \times 12</math>) and states the answer (the product). The other player has to guess the original question.</p> <p><b>Random number generator</b> – select a two digit number – children to find as many factor pairs as they can (support those that need it with a multiplication square).</p> <p><b>Finding Factors Game</b> - <a href="https://www.twinkl.co.uk/resource/finding-factors-game-tg-au-n">https://www.twinkl.co.uk/resource/finding-factors-game-tg-au-n</a></p> <p><b>Factor Pairs Memory Game / Matching pairs</b> – <a href="https://www.twinkl.co.uk/resource/factors-maths-sorting-game-t-m-1690273827">https://www.twinkl.co.uk/resource/factors-maths-sorting-game-t-m-1690273827</a></p>
<p><b>Year 6</b> To know common fraction, decimal and percentage equivalents.</p>	<p><b>Memory game:</b> Choose two cards – can you make a pair? You can increase the number of known facts each time you play this game.</p> <p>. <b>Bean bag catch</b> – Throw a bean bag and call out the fraction, children respond with either the decimal or percentage equivalent.</p> <p><b>Missing number</b> - <a href="https://mathsbot.com/printables/commonFDP">https://mathsbot.com/printables/commonFDP</a> Hide a column and children to complete the missing numbers.</p>