

John Wheeldon Times Table Challenge

At John Wheeldon Primary Academy, we believe that times tables are a vital skill, which offer a foundation for learning other aspects of mathematics. Regular practice of times tables is essential in ensuring that they are embedded in the children's long term memory. Times tables facts need to be transferred to children's long term memory. Times tables facts need to be transferred to children's long term memory which allows for the freeing up working memory which allows children to develop their reasoning skills.

The National Curriculum for maths states that by the end of year 4, all children should be able to:




- *recall multiplication and division facts for multiplication tables up to 12 x 12*



To support their learning of times tables we are pleased to inform you, we will be introducing a whole school Times Table Challenge which we hope will improved their rapid recall, knowledge and understanding of multiplication.

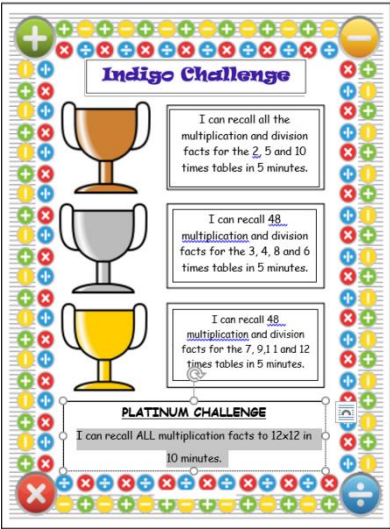

The aim of John Wheeldon Primary Academy Times Table Challenge is to fully embed the knowledge of times tables and their related number facts, providing clear understanding of the number system and also developing excellent recall of times tables, which supports understanding of further maths concepts. These changes mean it is important for the children to learn their times tables facts and to be able to recall them quickly and accurately.

The quick recall of times tables facts through knowing tables OFF BY HEART....

- *Gives confidence and develops self-esteem*
- *Enables a 'can do' attitude in approaching more challenging maths*
- *Is the building blocks for all multiplication, division, fraction, ratio and percentage work*
- *Is a life skill that many adults still use every day*
- *Can be satisfying, enjoyable and fun!*

YEAR GROUP / COLOUR	CHALLENGES
<p>EYFS - RED CHALLENGE</p>  <p>The poster for the Red Challenge features a decorative border of colorful plus and minus signs. It includes four trophies: a bronze one, a silver one, a gold one, and a platinum one. Next to each trophy is a challenge box: 'Counting up to 5.', 'Counting up to 10.', 'Counting up to 20.', and 'PLATINUM CHALLENGE Counting beyond 20.'</p>	<p>Bronze - Counting up to 5.</p> <p>Silver - Counting up to 10.</p> <p>Gold - Counting up to 20.</p> <p>Platinum - Counting beyond 20.</p>
<p>YEAR 1 - ORANGE CHALLENGE</p>  <p>The poster for the Orange Challenge features a decorative border of colorful plus and minus signs. It includes four trophies: a bronze one, a silver one, a gold one, and a platinum one. Next to each trophy is a challenge box: 'Counting in 1's.', 'Counting in 2's.', 'Counting in 5's.', and 'PLATINUM CHALLENGE Counting in 10's.'</p>	<p>Bronze - Counting in 1s</p> <p>Silver - Counting in 2s</p> <p>Gold - Counting in 5s</p> <p>Platinum - Counting in 10s</p>
<p>YEAR 2 - YELLOW CHALLENGE</p>  <p>The poster for the Yellow Challenge features a decorative border of colorful plus and minus signs. It includes four trophies: a bronze one, a silver one, a gold one, and a platinum one. Next to each trophy is a challenge box: 'I can say and use the 1 and 2 times tables in simple calculations.', 'I can recall multiplication facts for the 5 and 10 times tables and division facts for the 1 and 2 times tables.', 'I can recall multiplication facts for the 0 times tables and division facts for the 5 and 10 times tables.', and 'PLATINUM CHALLENGE I can use the 0, 1, 2, 5 and 10 times tables to solve problems.'</p>	<p>Bronze - I can say and use the 1 and 2 times tables in simple calculations.</p> <p>Silver - I can recall multiplication facts for the 5 and 10 times tables and division facts for the 1 and 2 times tables.</p> <p>Gold - I can recall multiplication facts for the 0 times tables and division facts for the 5 and 10 times tables.</p> <p>Platinum - I can use the 0, 1, 2, 5 and 10 times tables to solve problems.</p>

YEAR GROUP / COLOUR	CHALLENGES
<p>YEAR 3 - GREEN CHALLENGE</p>  <p>The poster features a central column of four trophies: a bronze cup, a silver cup, a gold cup, and a platinum cup. To the left of each trophy is a plus sign (+) and to the right is a minus sign (-). The background is decorated with a border of colorful plus and minus signs. The text on the poster includes:</p> <ul style="list-style-type: none"> Green Challenge: I can recall multiplication and division facts for the 2, 5, and 10 times tables. Bronze: I can quickly recall the multiplication and division facts for the 4 and 8 times tables. Silver: I can quickly recall the multiplication and division facts for the 3 and 6 times tables. Gold: I can quickly recall the multiplication and division facts for the 12 times tables. PLATINUM CHALLENGE: I can use the 3, 4, 6, 8 and 12 times tables to solve problems. 	<p><i>Bronze - I can recall multiplication and division facts for the 2, 5, and 10 times tables</i></p> <p><i>Bronze + - I can quickly recall the multiplication and division facts for the 4 and 8 times tables.</i></p> <p><i>Silver - I can quickly recall the multiplication and division facts for the 3 and 6 times tables.</i></p> <p><i>Gold - I can quickly recall the multiplication and division facts for the 12 times tables.</i></p> <p><i>Platinum - I can use the 3, 4, 6, 8 and 12 times tables to solve problems.</i></p>
<p>YEAR 4 – BLUE CHALLENGE</p>  <p>The poster features a central column of four trophies: a bronze cup, a silver cup, a gold cup, and a platinum cup. To the left of each trophy is a plus sign (+) and to the right is a minus sign (-). The background is decorated with a border of colorful plus and minus signs. The text on the poster includes:</p> <ul style="list-style-type: none"> Blue Challenge: I can quickly recall multiplication facts for the 3, 4, 6, 8 and 12 times tables. Bronze: I can quickly recall the division facts for the 3, 4, 6, 8 and 12 times tables. Silver: I can quickly recall the multiplication and division facts for the 9, 7 and 11 times tables. Gold: I can quickly recall my multiplication and division facts to 12x12. PLATINUM CHALLENGE: I can use the multiplication and division facts to 12x12 to solve problems. 	<p><i>Bronze - I can quickly recall multiplication facts for the 3, 4, 6, 8 and 12 times tables.</i></p> <p><i>Bronze + - I can quickly recall the division facts for the 3, 4, 6, 8 and 12 times tables.</i></p> <p><i>Silver - I can quickly recall the multiplication and division facts for the 9, 7 and 11 times tables.</i></p> <p><i>Gold - I can quickly recall my multiplication and division facts to 12x12.</i></p> <p><i>Platinum - I can use the multiplication and division facts to 12x12 to solve problems..</i></p>

YEAR GROUP / COLOUR	CHALLENGES
<p>YEAR 5 - INDIGO CHALLENGE</p>  <p>The poster for the Indigo Challenge is framed by a border of colorful mathematical symbols: plus (+), minus (-), multiplication (x), and division (÷). It features three trophies representing different levels of achievement. The top trophy is gold and is associated with the Bronze challenge. The middle trophy is silver and is associated with the Silver challenge. The bottom trophy is yellow and is associated with the Gold challenge. Below the trophies is a section for the Platinum Challenge. The text for each challenge is as follows:</p> <ul style="list-style-type: none"> Bronze: I can recall all the multiplication and division facts for the 2, 5 and 10 times tables in 5 minutes. Silver: I can recall 48 multiplication and division facts for the 3, 4, 8 and 6 times tables in 5 minutes. Gold: I can recall 48 multiplication and division facts for the 7, 9, 11 and 12 times tables in 5 minutes. PLATINUM CHALLENGE: I can recall ALL multiplication facts to 12x12 in 10 minutes. 	<p><i>Bronze - I can recall all the multiplication and division facts for the 2, 5 and 10 times tables in 5 minutes.</i></p> <p><i>Silver - I can recall 48 multiplication and division facts for the 3, 4, 8 and 6 times tables in 5 minutes.</i></p> <p><i>Gold - I can recall 48 multiplication and division facts for the 7, 9, 11 and 12 times tables in 5 minutes..</i></p> <p><i>Platinum - I can recall ALL multiplication facts to 12x12 in 10 minutes.</i></p>
<p>YEAR 6 - VIOLET CHALLENGE</p>  <p>The poster for the Violet Challenge is framed by a border of colorful mathematical symbols: plus (+), minus (-), multiplication (x), and division (÷). It features three trophies representing different levels of achievement. The top trophy is gold and is associated with the Bronze challenge. The middle trophy is silver and is associated with the Silver challenge. The bottom trophy is yellow and is associated with the Gold challenge. Below the trophies is a section for the Platinum Challenge. The text for each challenge is as follows:</p> <ul style="list-style-type: none"> Bronze: I can recall 60 multiplication facts to 12x12 in 5 minutes. Silver: I can apply my knowledge of the times tables to multiply by multiples of 10 e.g. 20×6, 50×7, 100×8, 30×9. Gold: I can use my times tables to mentally complete U x TU calculations. eg 4×37. PLATINUM CHALLENGE: I can complete related multiplication and division facts including decimals up to 2dp. 	<p><i>Bronze - I can recall 60 multiplication facts to 12x12 in 5 minutes</i></p> <p><i>Silver - I can apply my knowledge of the times tables to multiply by multiples of 10 e.g. 20×6, 50×7, 100×8, 30×9.</i></p> <p><i>Gold - I can use my times tables to mentally complete U x TU calculations. eg 4×37.</i></p> <p><i>Platinum - I can complete related multiplication and division facts including decimals up to 2dp.</i></p>