

Maths learning pack activities

<p>1. Arithmetic – place value & known multiplication facts</p> <p>You're practising some quick maths facts here. Remember: - if you multiply or divide by 0, the answer is always 0. - if you multiply or divide by 1, the number remains the same. - you can multiply 3 numbers in any order.</p> <p>Learning pack page 1</p>	<p>2.Sudoku puzzles</p> <p>Try to use a pencil so you can rub out your answers if you need to! On the 4 squares by 4 squares grid, each row and each column contains the numbers 1 – 4. On the 6 squares by 6 squares, each row, each column and each box contains the numbers 1 – 6. Can you make them all fit</p> <p>Learning pack pages 1</p>	<p>3. Arithmetic – multiplication and division</p> <p>Remember that you can write out your times tables to help you work these out.</p> <p>Learning pack page 2</p>	<p>.4. Calculate the perimeter of a shape</p> <p>Perimeter is the length around the outside of a shape. You need to work out how long each side is then add all the lengths together. If the length of some sides are missing, you need to use the other sides to help you work out how long each side is.</p> <p>Learning pack page 3</p>	<p>5. Arithmetic – addition and subtraction</p> <p>Remember to use column method to help you with these addition and subtraction calculations. Make sure you line up your columns carefully.</p> <p>Learning pack page 4</p>		
<p>6. Find the area by counting squares</p> <p>Area is different to perimeter. Area measures the space inside a shape. Use the squares to help you count the size of the area. Remember that your answer would have a little ² after it, for example: 6cm²</p> <p>Learning pack pages 4 - 5</p>	<p>7. Short multiplication</p> <p>Use this method to work out these calculations</p> <p>24 × 6 becomes 342 × 7 becomes</p> <table style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td style="text-align: center;"> $\begin{array}{r} 24 \\ \times 6 \\ \hline 144 \end{array}$ </td> <td style="text-align: center;"> $\begin{array}{r} 342 \\ \times 7 \\ \hline 2394 \end{array}$ </td> </tr> </tbody> </table> <p>Answer: 144 Answer: 2394</p> <p>Don't forget that you might need to exchange!</p> <p>Learning pack pages 5</p>	$\begin{array}{r} 24 \\ \times 6 \\ \hline 144 \end{array}$	$\begin{array}{r} 342 \\ \times 7 \\ \hline 2394 \end{array}$	<p>8. Times table practise</p> <p>Can you complete the blank times table grid?</p> <p>Time yourself.</p> <p>On the second grid, see if you can beat your time. If you can, visit TT Rockstars and do a studio, garage and a soundcheck.</p> <p>Maybe you can challenge your friends or your teacher too!</p> <p>Learning pack page 6</p>	<p>9. Roman numerals</p> <p>Can you work out the Roman numerals and colour the squares in correctly to reveal the picture? Use the Roman numerals chart to help you.</p> <p>If you don't have all the right colours, don't worry! Just change them for colours that you do have.</p> <p>Learning pack page 7</p>	<p>10. Rounding to the nearest 10, 100, 1000</p> <p>Remember: 5, 6, 7, 8, 9 = rounds up 1, 2, 3, 4 = stays the same</p> <p>If you're rounding to the nearest 10, look at the ones column to decide to go up or stay the same. If you're rounding to the nearest 100, look at the tens column to decide to go up or stay the same. If you're rounding to the nearest 1000, look at the hundreds column to decide to go up or stay the same.</p> <p>Learning pack page 8</p>
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