

Year 5 Moon

Once children have completed all 8 levels of maths planets they move to the moon which gives them the chance to apply their calculation skills to a range of problems. It also has questions on other areas of the maths curriculum, such as time and shape, to ensure children have a secure understanding of all maths areas for their year group. There are 5 levels for them to complete. The breakdown of each level is shown below along with an example question. Please speak to your child's class teacher if you would like further information.

Level	Focus Area	Example problems	Level	Focus Area	Example problems
1	Number and Place Value	<p>What can we say about 48 000?</p> <p>It is <input type="text"/> less than 50 000.</p> <p>It is made of 40 000 and <input type="text"/> together.</p> <p>It is made of <input type="text"/> thousands.</p>	4	Fractions	<p>How many quarters are there in $4\frac{1}{2}$?</p> <p>$\frac{1}{5}$ of 20 = 2 x <input type="text"/></p> <p>True or false? To find a quarter, you divide by 4. Explain your answer.</p>
2	Addition and subtraction	<p><i>I know... so...</i> Explain the mistake</p> <p>$5001 - 2998 = \underline{\hspace{2cm}}$ $12.4 + 6.35$</p> <p>$5000 - 3000 = 2000$ $\begin{array}{r} 12.4 \\ +6.35 \\ \hline 7.59 \end{array}$</p>	5	Measures and shape	<p>The weight of a football is 300g. How much do five footballs weigh, in kilograms?</p> <div style="border: 1px solid black; background-color: yellow; padding: 5px; display: inline-block;">Area = 24cm²</div> <p>What could the perimeter of this rectangle be?</p>
3	Multiplication and division	<p><i>Missing digits</i></p> <p>$\begin{array}{r} 5 \square 3 \\ \times \square \\ \hline 3438 \end{array}$</p> <p>Jane's book is 103 pages long. If she reads 8 pages each day, how long will it take her to finish the book?</p>			

