

## Maths Lego Challenges

<p><b>Challenge 1 Tallest Tower</b></p> <p>How tall can you build a tower in 5 minutes?</p>	<p><b>Challenge 2 Aeroplane</b></p> <p>Using only 30 bricks make an aeroplane.</p>	<p><b>Challenge 3 Picture Frame</b></p> <p>Make a 5x5 picture frame with at least 2 different colours?</p>
<p><b>Challenge 4 Lego Tangrams</b></p> <p>Choose 5 bricks and make whatever you like. Take another set of the same 5 bricks what else can you make? How many different models can you make with the same 5 bricks?</p>	<p><b>Challenge 5 Wheelie</b></p> <p>Make something you can add wheels to using 40 bricks.</p>	<p><b>Challenge 6 Repeated Pattern</b></p> <p>Using 3 different coloured bricks make a repeating pattern.</p>
<p><b>Challenge 7 Pattern Tower</b></p> <p>Build a tower with a pattern that uses 4 different colours of brick.</p>	<p><b>Challenge 8 Mix and Match</b></p> <p>Make something that uses every type of brick you have.</p>	<p><b>Challenge 9 Beetle Drive</b></p> <p>Play a game of beetle drive using a dice and Lego bricks to build a beetle instead of drawing the beetle.</p>
<p><b>Challenge 10 Wall 100</b></p> <p>Build a wall with a total value of 100. How many bricks did you use? What is the fewest number of bricks you could use? Can you do it using 15 bricks?</p>	<p><b>Challenge 11 Four Towers</b></p> <p>Build four different towers. Each one twice the height of the previous one.</p>	<p><b>Challenge 12 Numbers</b></p> <p>Make all the numbers 1 to 9 using lego bricks.</p>
<p><b>Challenge 13 Fraction Wall</b></p> <p>Build a tower of bricks, where a half of the bricks are blue, quarter are red and the rest are yellow.</p>	<p><b>Challenge 14 Ladybird</b></p> <p>Build a ladybird using 20 bricks and 8 black bricks for the spots.</p>	<p><b>Challenge 15 Symmetry</b></p> <p>Make a symmetrical picture.</p>