

# Nine Colours

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First we put 3 colours in a group because we thought it would be easier



Next we made rods of 3 blocks. Each rod had 1 of its group's colours. We had to make sure the colours in each rod were in a different order.



Afterwards we took one rod of each colour group and connected them to make a square. We did this with the remaining rods, making three squares. We did not flip or rotate the rods, but connected them strategically, making sure that the rods of each colour group were ordered differently in each square.



Lastly we stacked all the squares, one on top of the other.



When we finished, our cube had 1 of every colour in each face!

