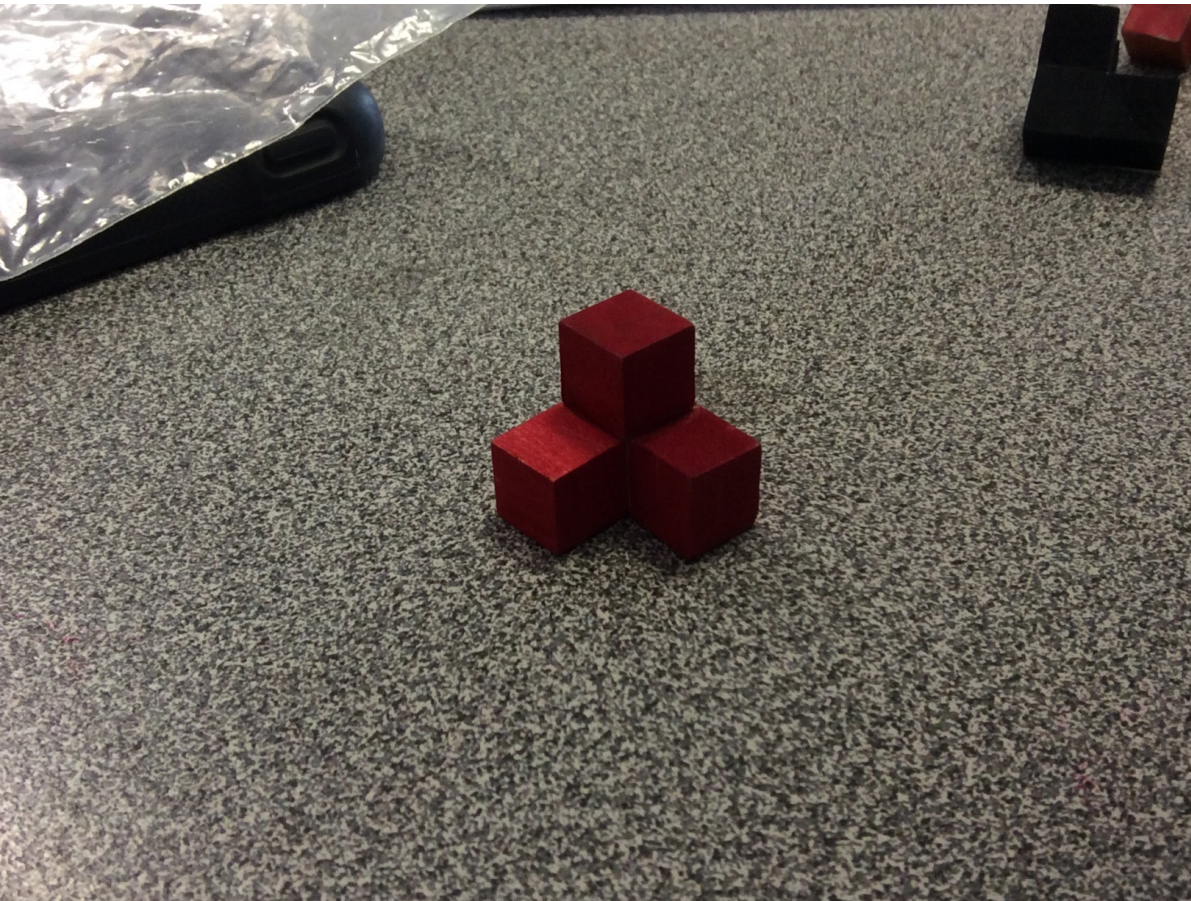
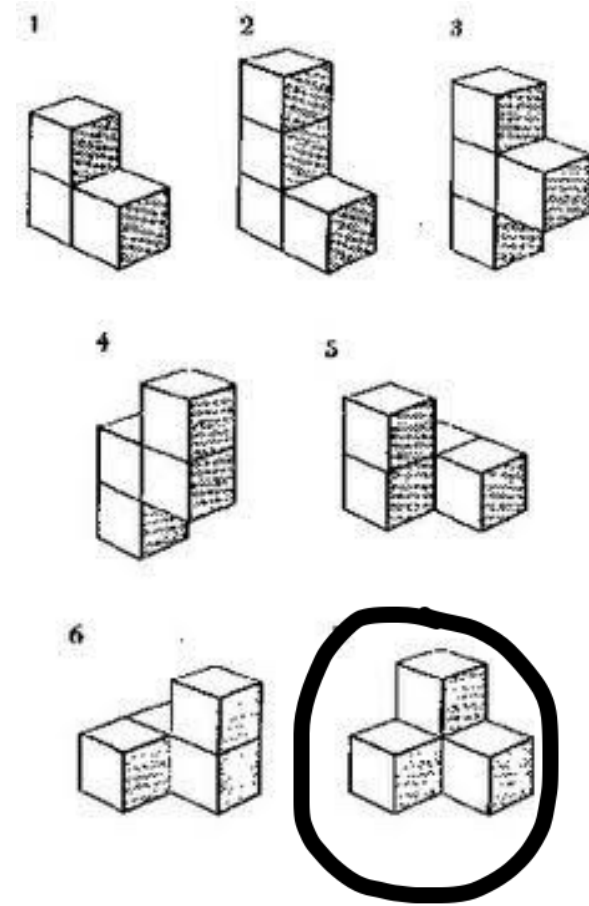


SOMA CUBE PROJECT

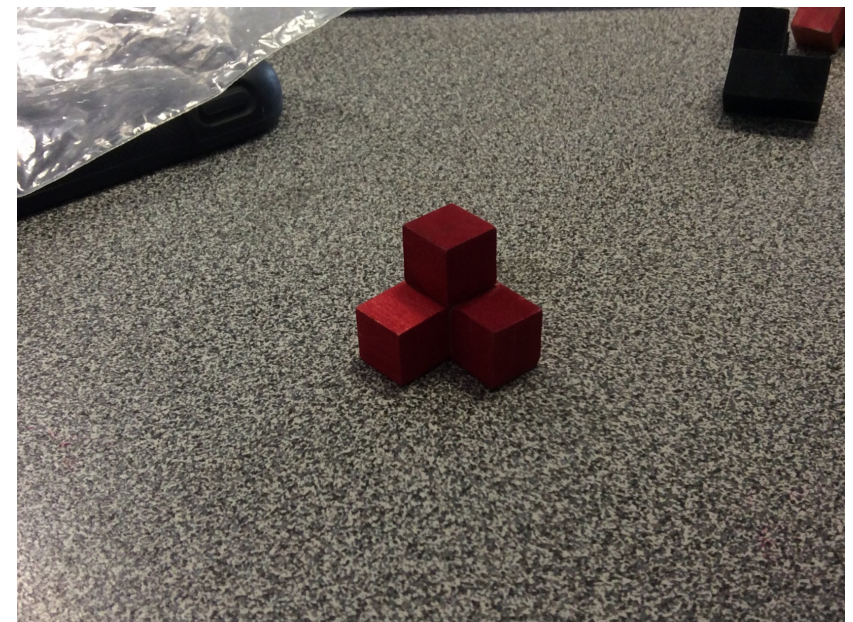
FIRST SOMA CUBE



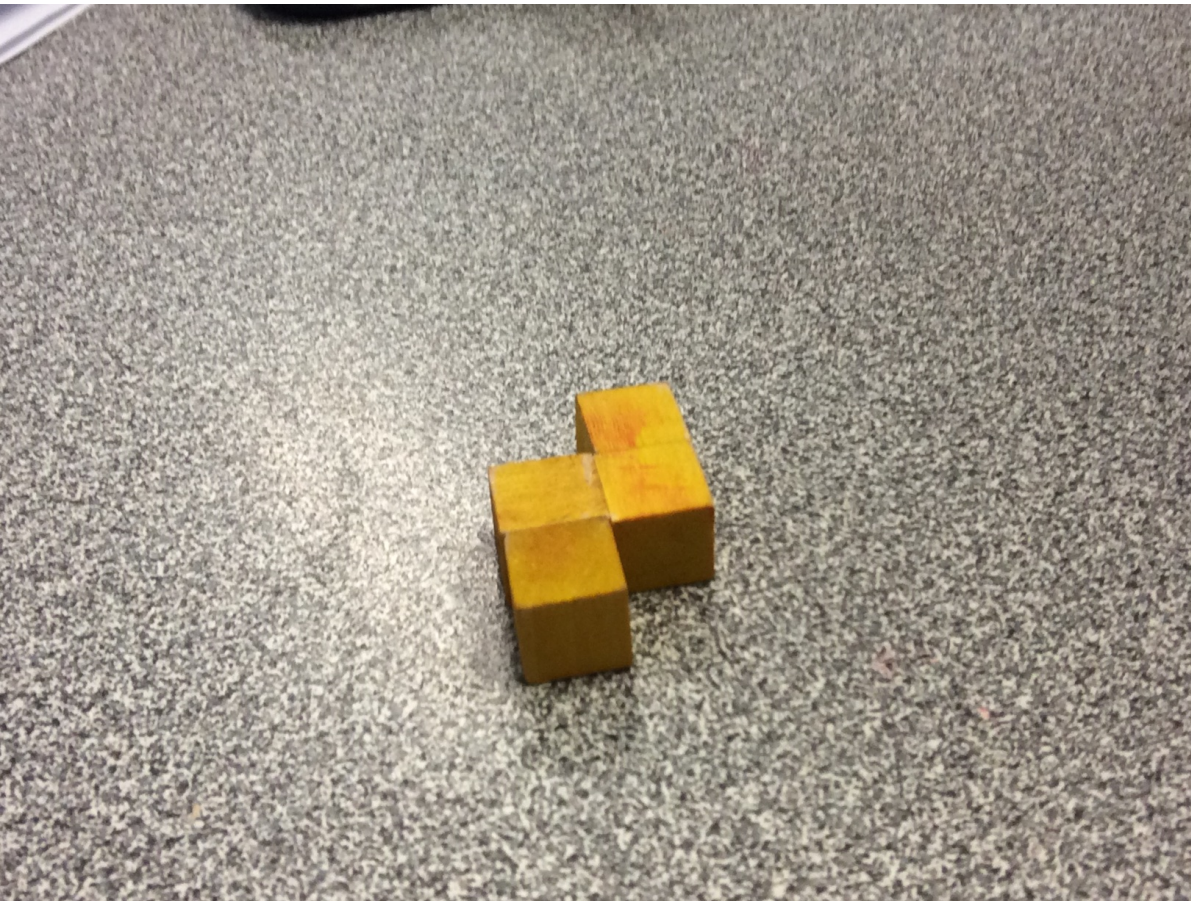
This is the first soma cube, and the way I started to build my full cube. There are 4 cubes to make up this soma cube which equals up to 4 cubic metres.



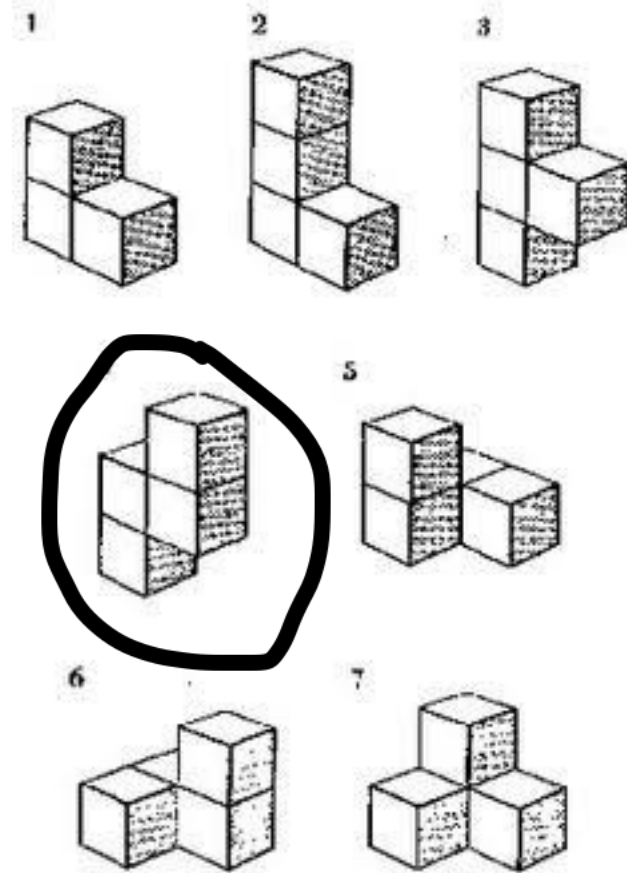
CUBE PROGRESSION



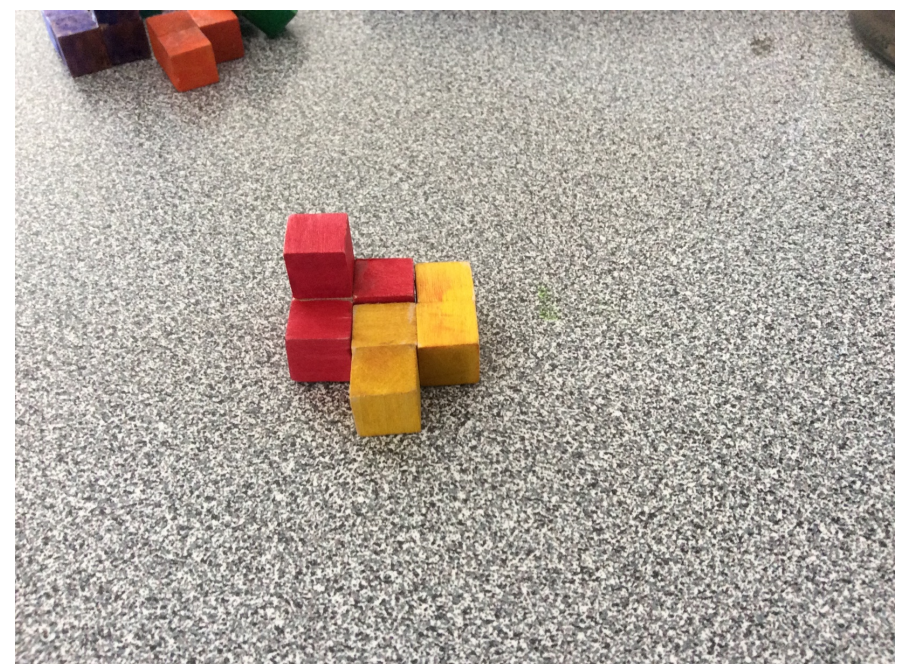
SECOND SOMA CUBE



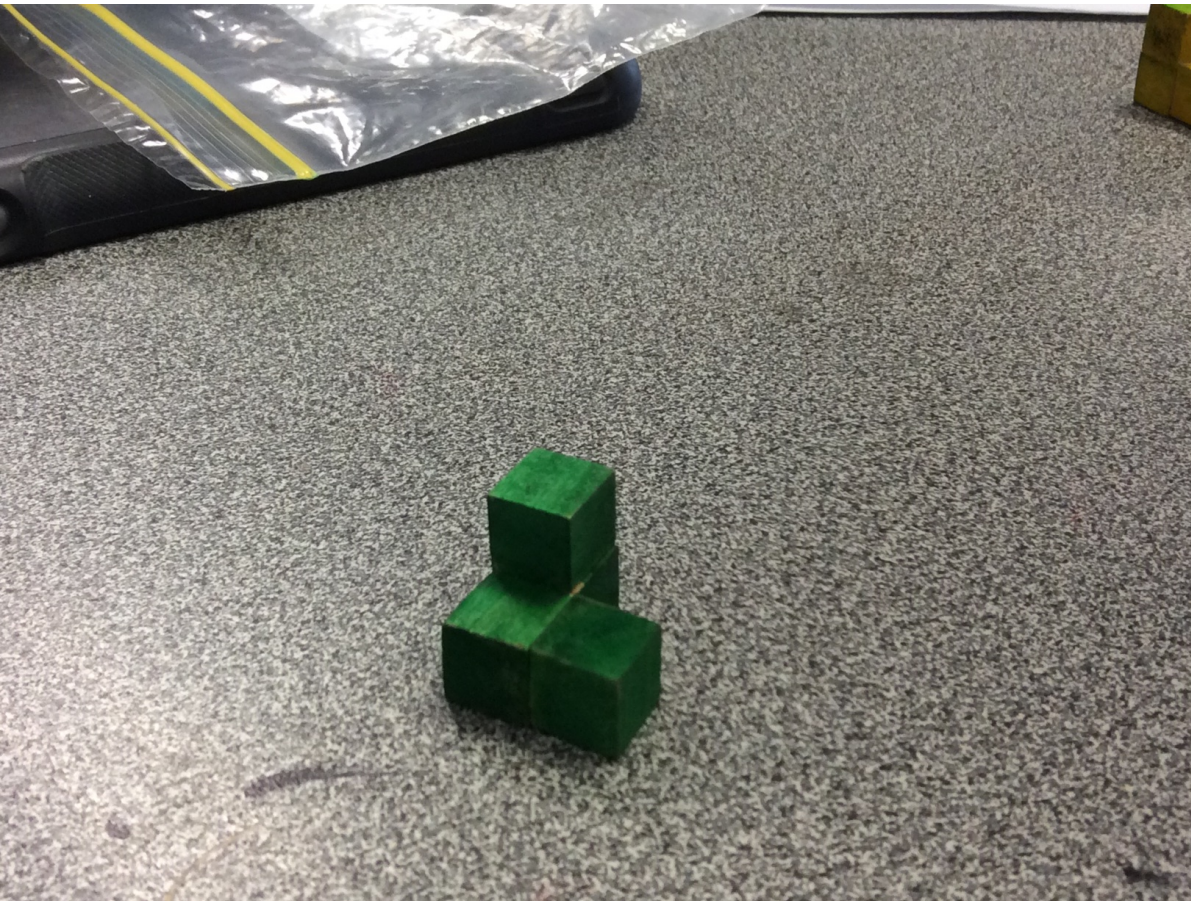
The second soma cube was the second step to the full cube progression, it's 4 cubic metres which 6/7 soma cubes are. This was one of the easiest cubes to construct, because it is flat.



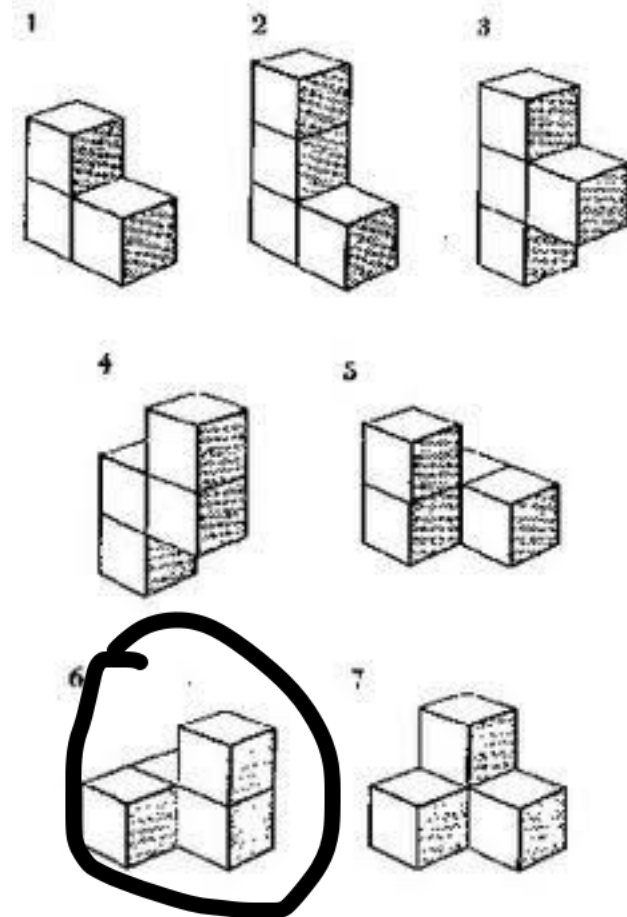
CUBE PROGRESSION



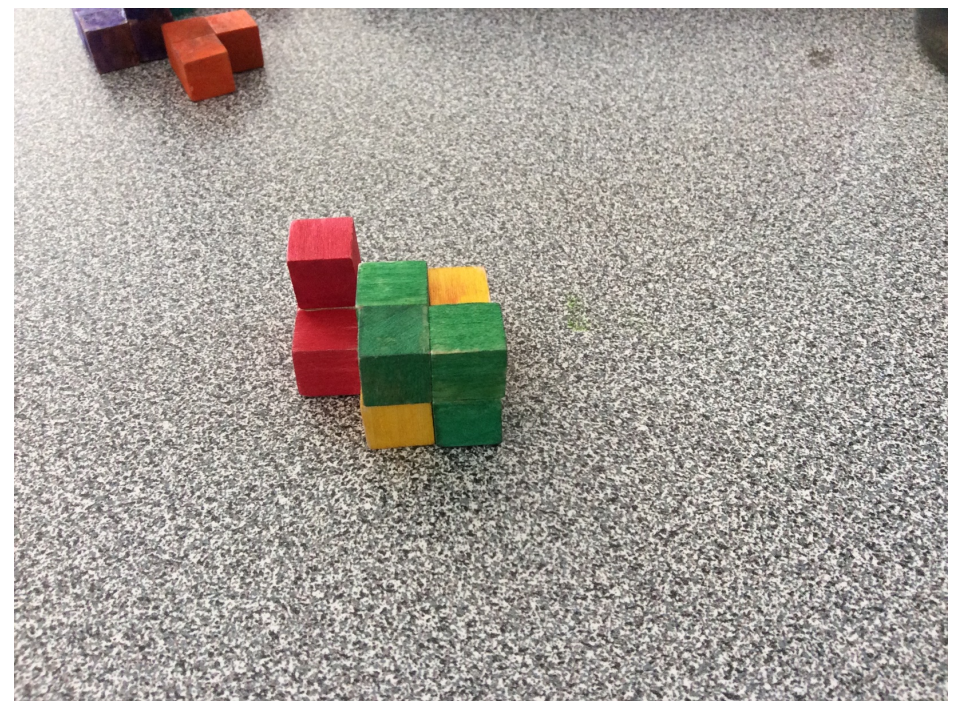
THIRD SOMA CUBE



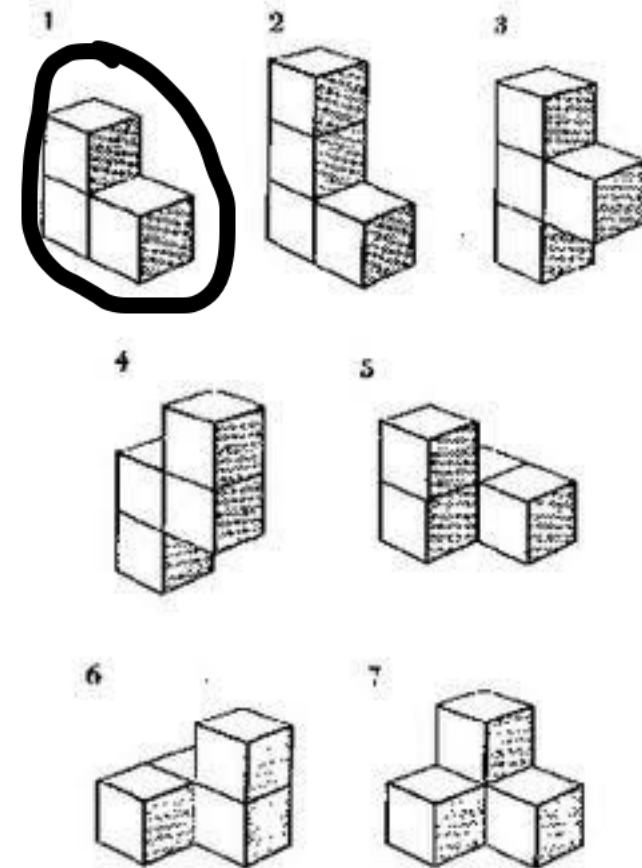
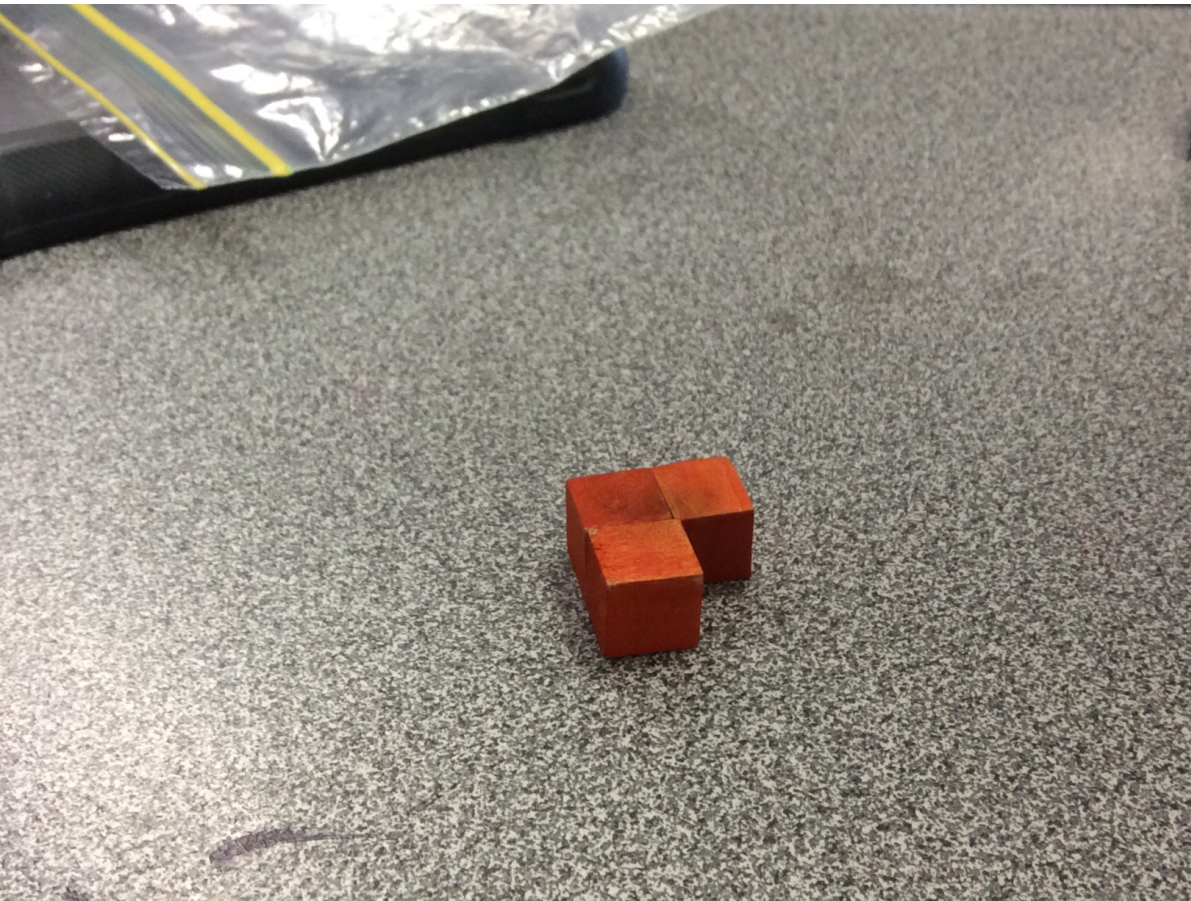
This is the third soma cube (in the order of how I constructed it). This cube was a bit harder to build due to the fact that there is a mirror image of this cube (same as my fifth soma cube). This takes up 4 cubic meters also.



CUBE PROGRESSION

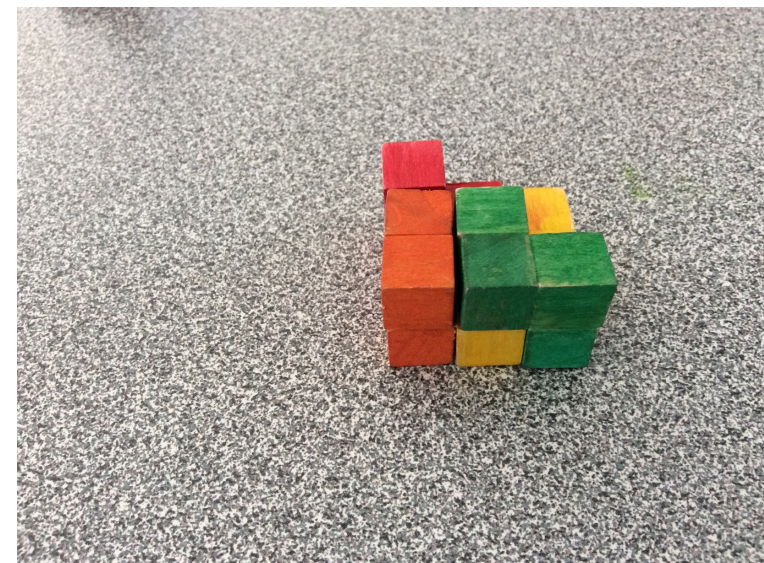


FOURTH SOMA CUBE

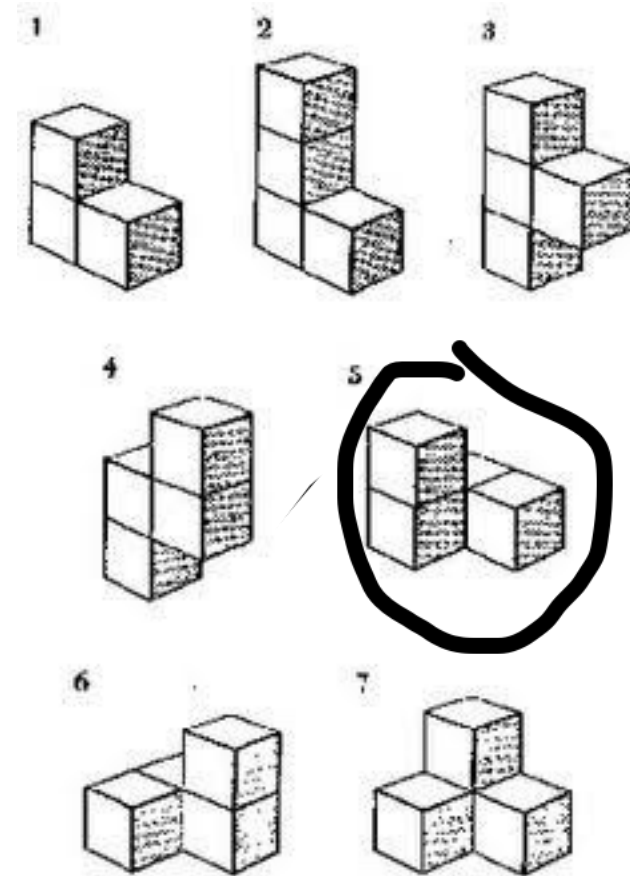
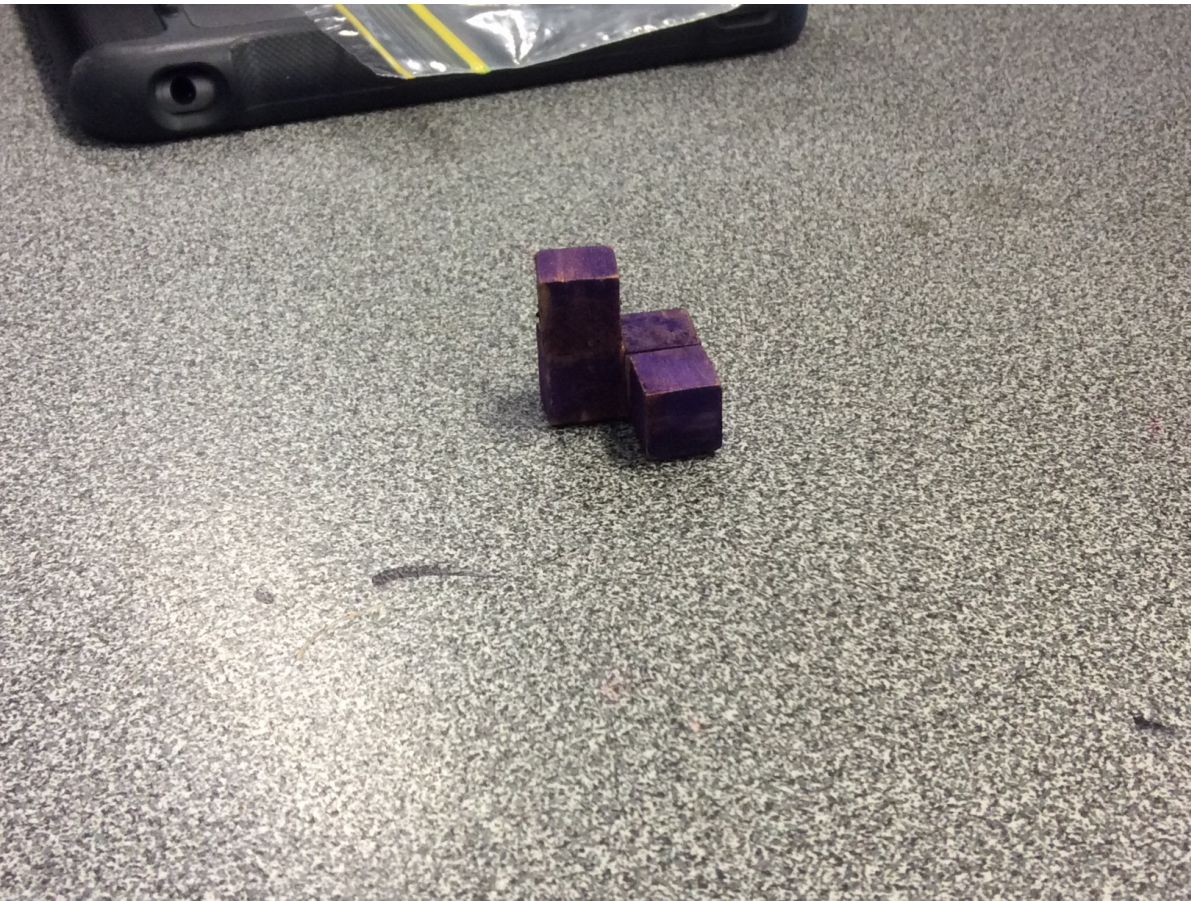


CUBE PROGRESSION

This is the fourth piece to my finished soma cube, and by far the easiest one to make. This is the only cube that contains three separate cubes so this is basically the odd one out.

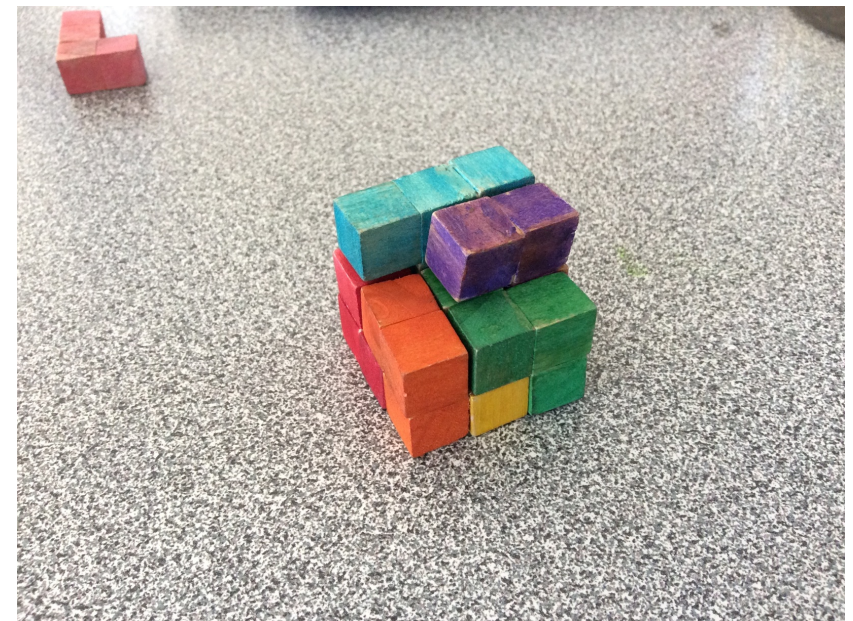


FIFTH SOMA CUBE

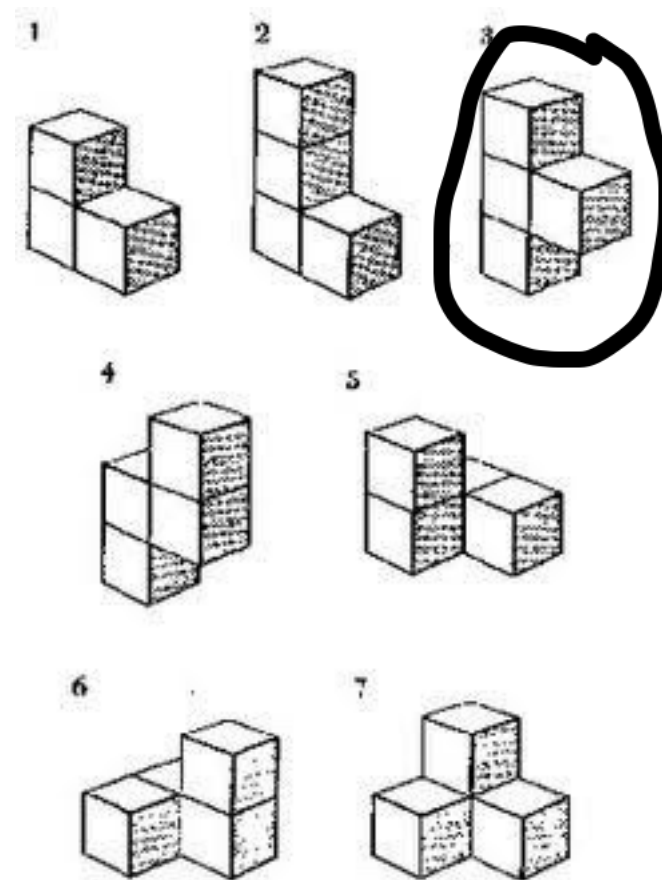
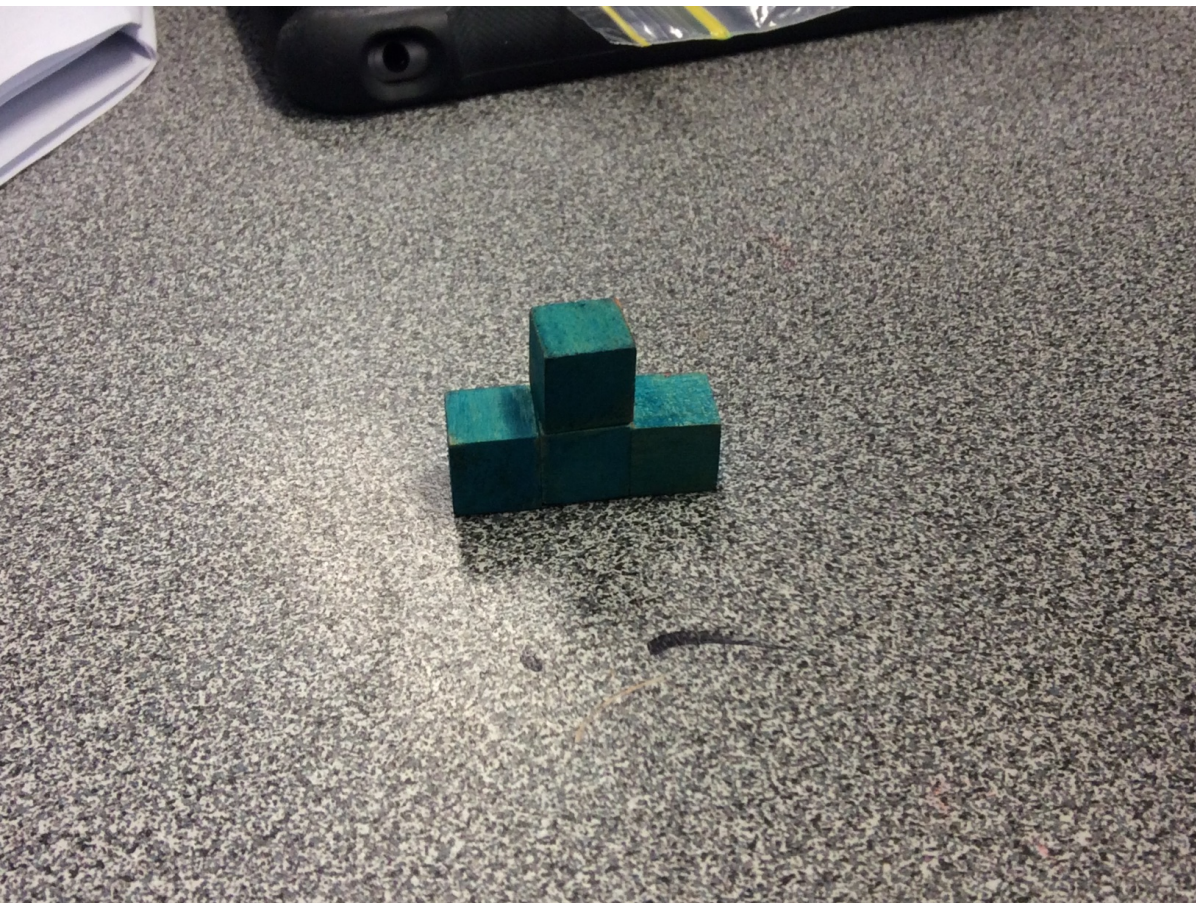


CUBE PROGRESSION

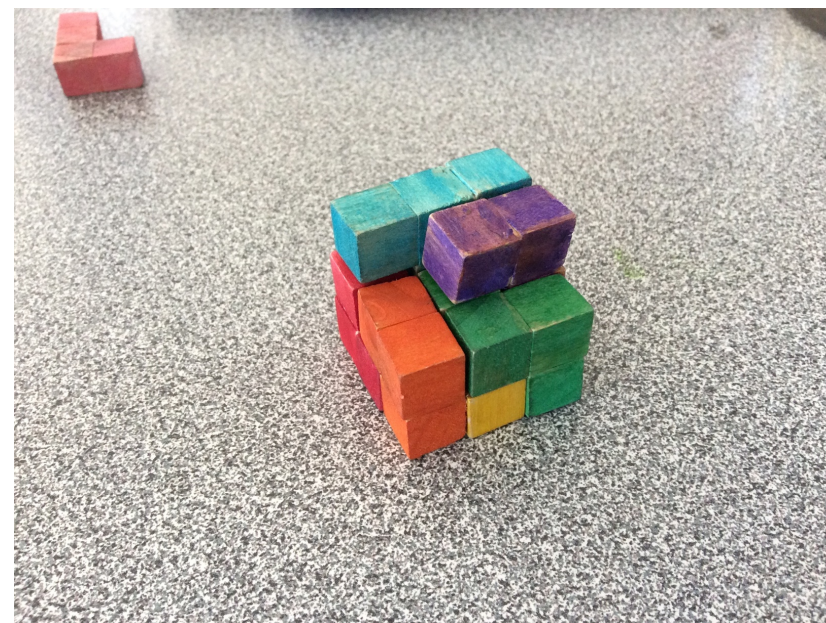
The fifth soma cube was the hardest to build, the reason being I had to make it a mirror image of the third soma cube. At first I made it the exact same as the first one which meant I had to restart this one.



SIXTH SOMA CUBE



CUBE PROGRESSION

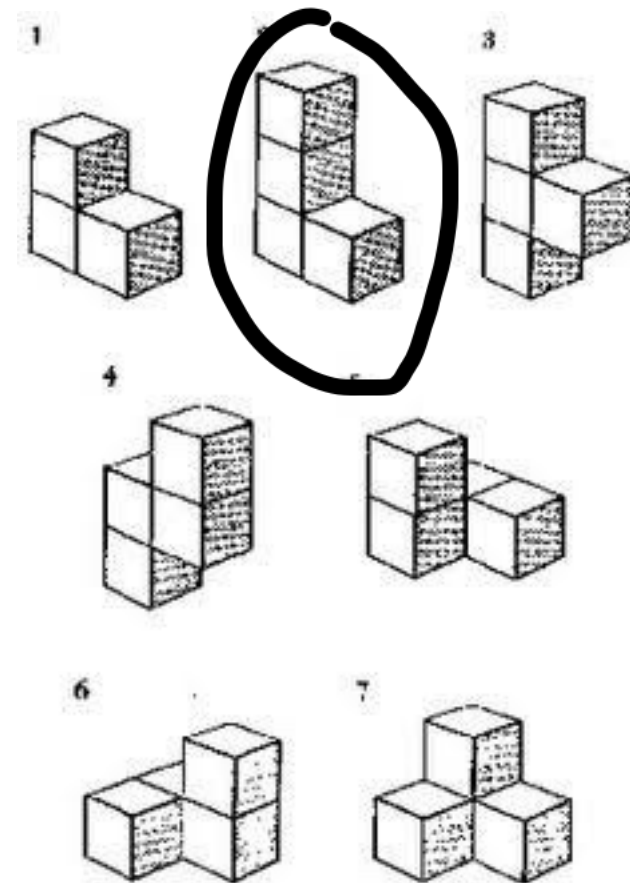


This cube was the second last cube to finish my full cube, it was quite easy to build and has 4 separate cubes within it.

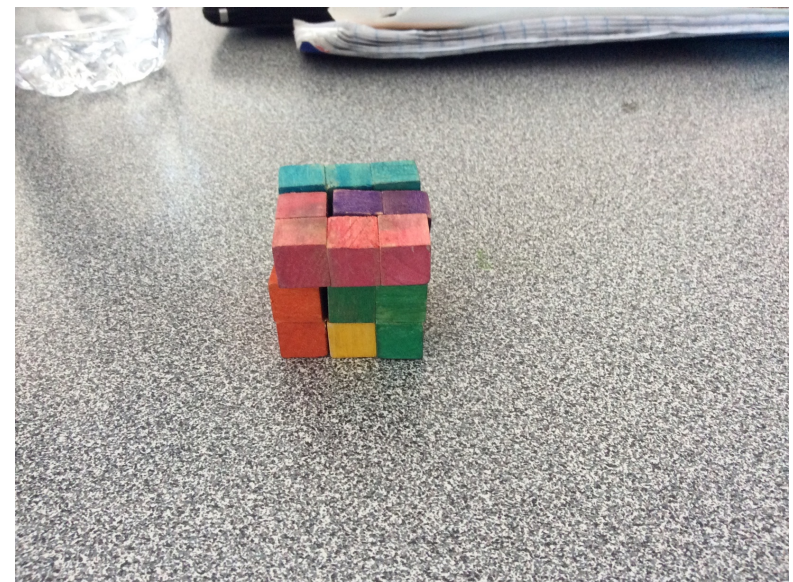
SEVENTH SOMA CUBE



This cube was the final piece to completing my cube, it was the second easiest to build and finished off my cube. It is the last cube that has 4 separate cubes.



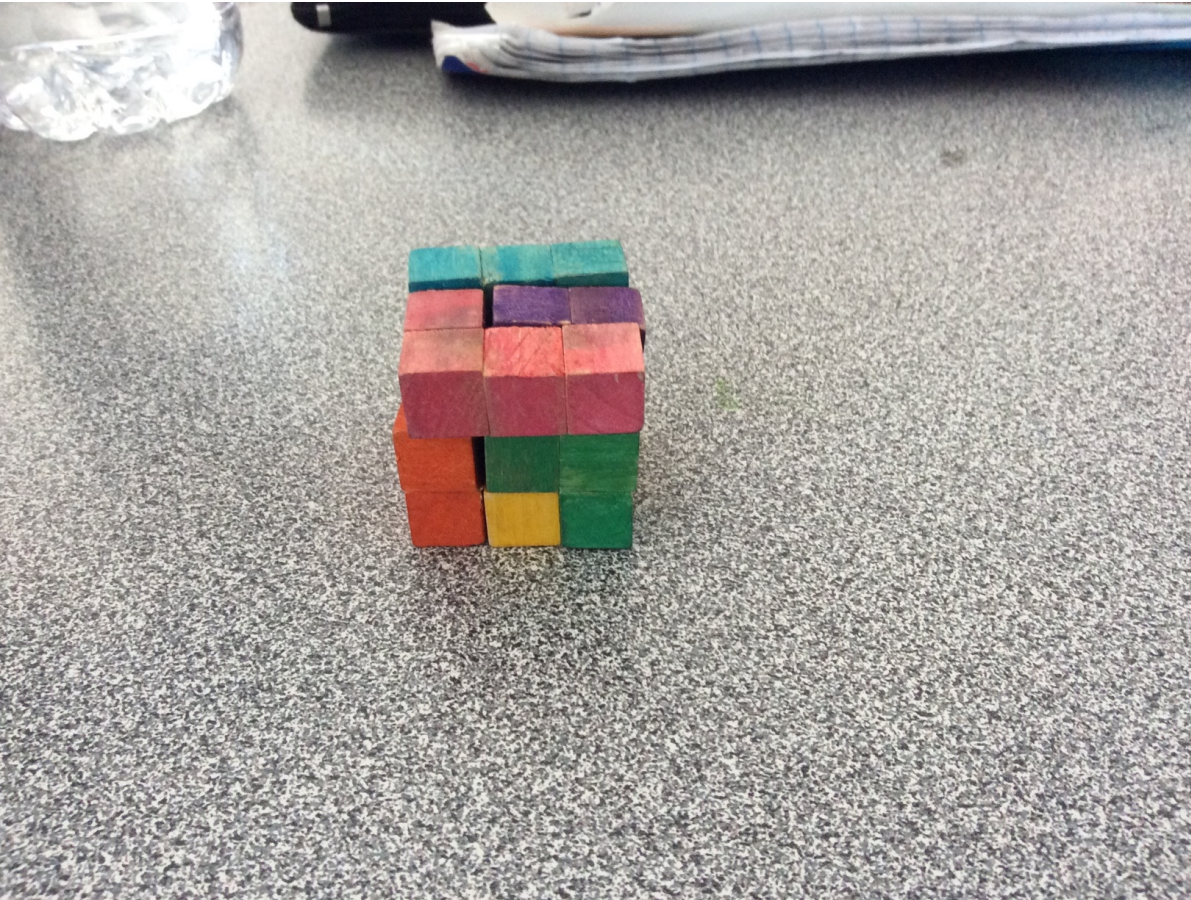
CUBE PROGRESSION



FINAL CUBE!!



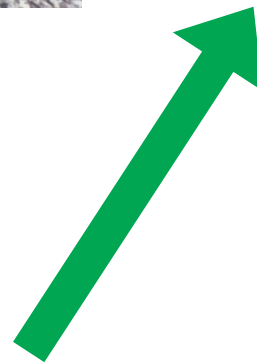
Time lapse of me building the cube.



TOP THREE FASTEST TIMES

1. 7.68 seconds
2. 8.23 seconds
3. 8.44 seconds

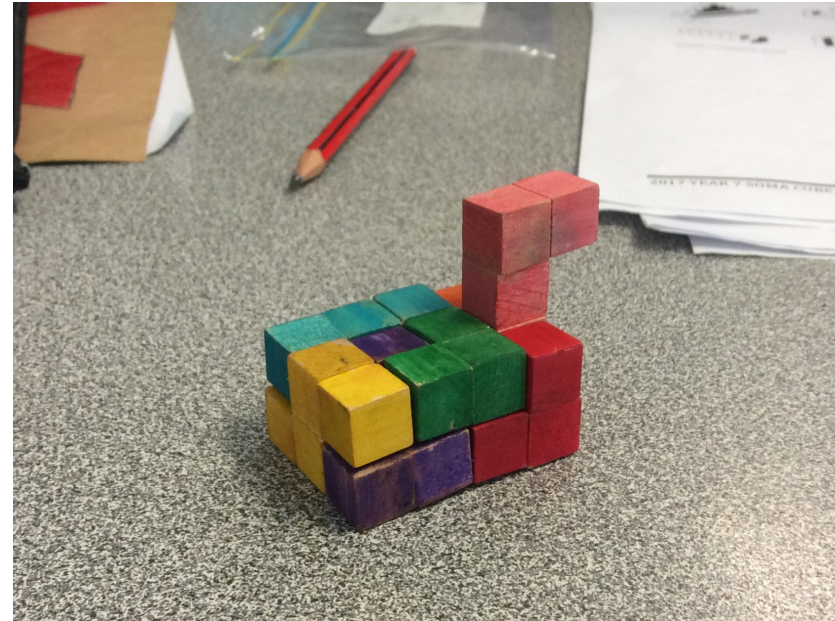
This cube did not take me long to figure out, I will put my top three fastest scores to the right.



History of the soma cube

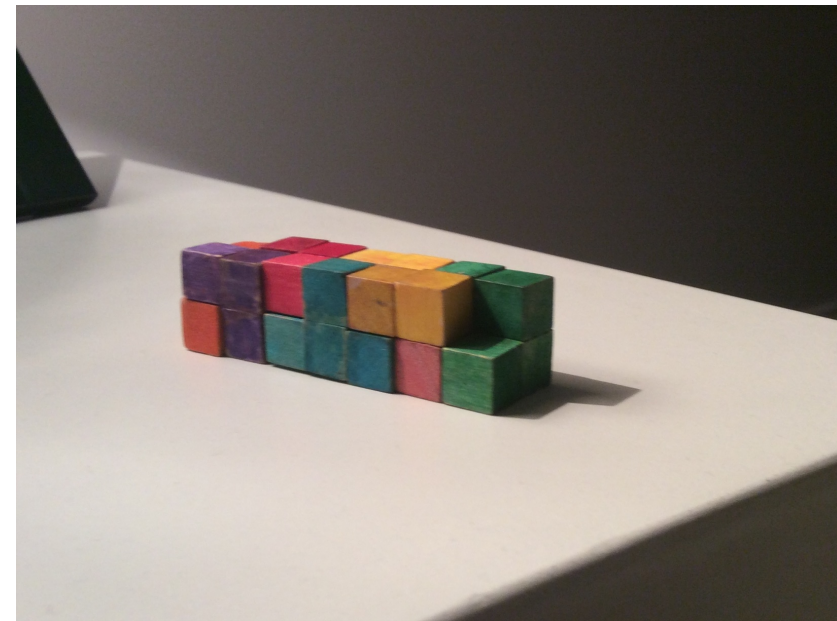
The soma cube was invented or conceived by Piet Hein in 1936, he thought of the idea during a lecture about quantum mechanics that was being given by Werner Heisenberg. His mind shifted and thought he should sketch his plans on paper, 7 shapes, 27 cubes and one 3x3x3 cube. Although the pieces put together could make many 3D objects.

Spare shapes



Duck

Almost rectangular prism



THANKS FOR READING

(Ryan put all these extra pages sorry harry)

