

<u>Drake Class</u> <u>Year 6 Maths Home Learning Activities</u> Week beginning Monday 01/06/20

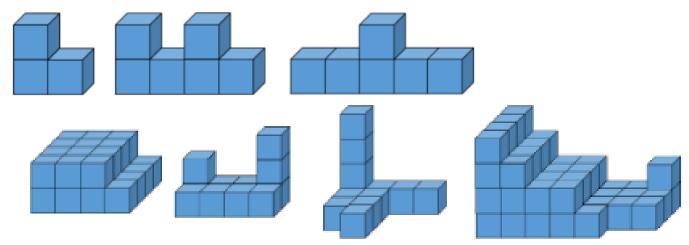


## <u>Volume</u>

Also, the **Oak Academy online lessons** have 5 sessions – including video, explanations and independent tasks There are not any Volume lessons for Y6 but you could work on any subject area you feel you need to improve on: <u>https://www.thenational.academy/online-classroom/year-6/maths#subjects</u>

## Step 1: Understand and visualise volume

If each cube has a volume of 1 cm<sup>3</sup>, find the volume of each solid.

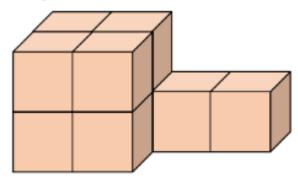


## Step 2: Reasoning with blocks

Amir says he will need 8 cm<sup>3</sup> to build this shape.

Tommy is making cubes using multilink. He has 64 multilink cubes altogether.

Dora says she will need 10 cm<sup>3</sup>.



Who do you agree with?

Explain why.

How many different sized cubes could he make?



If I use all of my multilink to make 8 larger cubes, then each of these will be 2 by 2 by 2.

How many other combinations can Tommy make where he uses all the cubes?

