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| Reference | Content | Review | | |
| ☹ | 😐 | ☺ |
| GM6.1 | Properties of 3-D shapes ***(Grade 2/3)***   * Identify properties of the faces, surfaces, edges and vertices of: cubes, cuboids, prisms, cylinders, pyramids, cones and spheres. * Use conventional terms and notations: vertices, edges, planes |  |  |  |
| GM6.2 | Understanding nets ***(Grade 3/4)***   * Identify properties of the faces, surfaces, edges and vertices of: cubes, cuboids, prisms, cylinders, pyramids, cones and spheres. * Use conventional terms and notations: vertices, edges, planes |  |  |  |
| GM6.3 | Volume and surface area of cuboids ***(Grade 3/4)***   * Use standard units of measure for length, area and volume * Know and apply formulae to calculate volumes of cuboids |  |  |  |
| GM6.4 | 2-D representations of 3-D shapes ***(Grade 3/4)***   * Interpret plans and elevations of 3D shapes |  |  |  |
| GM6.5 | Prisms ***(Grade 4/5)***   * Use standard units of measure for length, area and volume * Know and apply formulae to calculate volumes of cuboids and other right prisms (including cylinders) |  |  |  |
| GM6.6 | Enlargement in 2 and 3 dimensions **(Grade 4/5)**   * Compare lengths, areas and volumes using ratio notation; make links to scale factors |  |  |  |
| GM6.7 | Constructing plans and elevations **(Grade 4/5)**   * Construct and interpret plans and elevations of 3D shapes |  |  |  |
| GM6.8 | Surface area and volume of 3D shapes **(Grade 5/6)**   * Calculate surface area and volume of spheres, pyramids, cones and composite solids. * Calculate exactly with multiples of π |  |  |  |
| GM6.9 | Area and volume in similar shapes **(Grade 7)**   * Apply the concepts of similarity, including the relationships between lengths, areas and volumes in similar figures |  |  |  |

Student reflection

I can now

this is something I could not do at the start of the topic.

I now understand

this is something I did not understand at the start of the topic

I need more help with

as I still have not quite understood it.

The work I am most proud of in this topic is

Because

I believe I am working at grade \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in this topic