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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
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| 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
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| 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
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| GM6.4 | 2-D representations of 3-D shapes ***(Grade 3/4)**** Interpret plans and elevations of 3D shapes
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| 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)
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| GM6.6 | Enlargement in 2 and 3 dimensions **(Grade 4/5)*** Compare lengths, areas and volumes using ratio notation; make links to scale factors
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| GM6.7 | Constructing plans and elevations **(Grade 4/5)*** Construct and interpret plans and elevations of 3D shapes
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| 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
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| 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
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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