**Maths:** Four Cube Houses project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **VELS Dimension** | **4.25** | **4.5** | **4.75** | **5.0** |
| Number | Correctly calculated cost of houses using a calculator. | Correctly calculated cost of houses using an efficient method. |  |  |
| Space | Constructed 2D plan, side and front views of houses. | Constructed 2D isometric views of 3D houses. | Identified all 15 unique houses without assistance. | Grouped houses into families of shapes with reasons given. |
| Measurement, Chance and Data | Rank the houses by cost to identify the range. | Related the surface area of the cubes to the cost of the houses. | Identify which faces contribute how much to the total cost. |  |
| Working Mathematically | Developed a strategy to more efficiently complete a task. | Used the cost table to draw conclusions about similarities between the houses. | Used Excel to calculate cost of houses. | Explained why there are groups of houses with the same price. |
| ICT for Creating | Brochure includes relevant 2D and 3D views of houses. | Planned a brochure layout that clearly displays the information. | Used two or more different programs to produce the brochure design. | Brochure design and formatting is appropriate for intended audience. |
| Managing Personal Learning | Completed all 3 phases of the task, with teacher assistance. | Asked for assistance with or feedback about an aspect of the task. | Made choices to make the best use of class time and avoid distraction. | Planned and checked own progress by comparing to instruction slides. |

1. Did you enjoy this project? Why or why not?
2. Set yourself a goal for improvement.

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