

**YEAR 7 DIGITAL TECHNOLOGIES SKETCHUP ASSESSMENT**

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**Purpose**

Sketchup is a 3D modelling software computer program which is used for a wide range of drawing applications such as architectural, interior design and mechanical engineering. This unit has been chosen to integrate with Year 7 Mathematics unit on measurement.

**Description of assessment**

You are asked to design a house to scale, focusing on the interior. Note, the 3D warehouse is not permitted, you need to make everything yourself using SketchUp tools.

Your house must include the following rooms with furniture/utensils:

* An entrance
* A bedroom
* A bathroom
* A kitchen
* A loungeroom
* A pool area

**Primary software:** Google SketchUp

**Secondary software:** Microsoft Word for capturing screen shots

**Submission:**

* Screen shots of your house

**Assessment rubric:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **A**  | **B**  | **C**  | **D**  | **E**  |
| **House criteria** | All rooms are included with furniture/utensils | All rooms are included, most with furniture/utensils | All rooms are included, some with furniture/utensils | Most rooms are included, some with furniture/utensils | Some rooms are included |
| **Design ideas** | Original design ideas with detailed attention to design features | Original design ideas with some detailed attention to design features | Original design ideas with some attention to design features | Original design ideas with limited attention to design features | Original design ideas with very limited attention to design features |
| **Software** | Highly proficient skills using all SketchUp tools  | Proficient skills using all SketchUp tools  | Competent skills using most SketchUp tools  | Some skills using some SketchUp tools  | Attempted use of SketchUp tools  |
| **Submission** | On time | One day late | Two days late | Three days late | More than three days late |

**Comment (optional):**