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| **Topic/Skill** | **Definition/Tips** | **Example**  **Topic: 2D Representations of 3D Shapes** |
| 1. Net | A pattern that you can **cut and fold** to make a **model** of a **3D shape**. | Image result |
| 2. Properties of Solids | **Faces = flat surfaces**  **Edges = sides/lengths**  **Vertices = corners** | A cube has 6 faces, 12 edges and 8 vertices.  Image result for cube |
| 3. Plans and Elevations | This takes 3D drawings and produces 2D drawings.  **Plan View**: from **above**  **Side Elevation**: from the **side**  **Front Elevation**: from the **front** |  |
| 4. Isometric Drawing | A method for visually **representing 3D objects in 2D**. | Image result for math definition isometric drawing |

**Knowledge Organiser**