**Task 4 – Cubes**

**Information about the task**

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| **Question** | **Level of difficulty** | **National curriculum mathematical context** | **Text type** | **Question types** |
| 4. Cubes | Medium (Q4.1) | Patterns and relationships, understand number and notation. | Short continuous text information with picture to interpret. | Calculation required (mental or written as preferred). |

**Skills assessed by the task**

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| **Thinking skills** | **Literacy & communication skills** |
| **Plan*** Asking questions
* Activating prior skills, knowledge and understanding
* Gathering information
* Determining the process/method and strategy
* Determining success criteria

**Develop** * Generating and developing ideas
* Thinking logically and seeking patterns
* Considering evidence, information and ideas

**Reflect*** Reviewing outcomes and success criteria
* Reviewing the process/method
* Evaluate own learning and thinking
* Linking and lateral thinking
 | **Reading*** Locating, selecting and using information using reading strategies
* Responding to what has been read

**Writing*** Organising ideas and information
* Writing accurately

**Wider communication skills*** Communicating information
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| **Numeracy Skills** |
| **Using mathematical information*** Using numbers
* Gathering information

**Calculate*** Using the number system
* Using a variety of methods

**Interpret & present findings*** Talking about and explaining work
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**Scoring**

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| CUBES Scoring 4.1Full credit: Top row (1 5 4) Bottom Row (2 6 5). Equivalent answer shown as dice faces is alsoacceptable.  No credit: Other responses and missing.Answering this question correctly corresponds to a difficulty of 516 score points on the PISA mathematics scale. Across OECD countries, 58% of students answered correctly. To answer the question correctly students have to draw on skills from the reproduction competency cluster. |