**Task 49 – Moving Walkways**

**Information about the task**

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| **Question** | **Level of difficulty** | **National curriculum mathematical context** | **Text type** | **Question types** |
| 49. Moving Walkways | Trial:Low (Q49.1) | Patterns and relationships, understand and use measures, handling data, analyse and interpret data. | Medium length continuous text with picture and line graph to interpret. | Graphical representation of outcome of reasoning. |

**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

**Develop** * Generating and developing ideas
* Thinking about cause and effect and making inferences
* Thinking logically and seeking patterns
* Considering evidence, information and ideas

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

**Writing*** Organising ideas and information

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

**Calculate*** Using a variety of methods

**Interpret & present findings*** Comparing data
* Recording and interpreting data and presenting findings
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**Scoring**

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| Moving walkways scoring 49.1Full credit: Accept a line below the two lines, but it must be closer to the line of “A person walking on the ground” than to the baseline.No credit: Other responses and missing.To answer the question correctly students have to draw on skills from the reflection competency cluster. |