**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 |
| **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 |

**Scoring**

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| Moving walkways scoring 49.1  Full 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. |