**Practical Endorsement – skills log** Name:

**Activity – PAG 1.3 Investigating the effect of speed on stopping distance**

|  |  |  |  |
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| **1.2.1 Practical skills assessed** | | | |
|  | **Detail** | **Achieved** | **Date** |
| (b) | Safe and correct use of equipment and materials |  |  |
| (c) | Follow written instructions |  |  |
| (d) | Make and record observations/measurements |  |  |
| (e) | Keep appropriate records of experimental activities |  |  |
| (f) | Present information and data in a scientific way |  |  |
| (g) | Use appropriate software tools to process data, research…. |  |  |
| (h) | Use online and offline research skills… |  |  |
| (i) | Correctly cite sources |  |  |
| (j) | Use a wide range of instruments, equipment and techniques… |  |  |
| **1.2.2 Use of apparatus and techniques** | | | |
| (a) | Use of analogue apparatus to measure length |  |  |
| (d) | Use of light gates for timing |  |  |
| (k) | Use of ICT… modelling, data logger, software to process data… |  |  |
| **Skills Focus** | | | |
| Write up to include: | | | |
|  | Appropriate analysis of results to identify effect of doubling speed on stopping distance |  |  |
|  | Explanation of outcomes from results including reference to appropriate equations. |  |  |
|  | Research of data and comparison of second source with practical results |  |  |

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