**Practical Endorsement – skills log** Name:

**Activity – PAG1.2 Investigating terminal velocity**

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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) | Follow PSH rules for data table |  |  |
| (j) | Use a wide range of experimental and practical instruments, etc |  |  |
| **1.2.2 Use of apparatus and techniques** | | | |
| (a) | Use analogue apparatus to measure length |  |  |
| (b) | Use digital instruments to include time… |  |  |
| (c) | Use methods to improve accuracy such as a plumbline |  |  |
| (d) | Use digital stopwatch for timing |  |  |
| (e) | Use calipers and micrometers for small distances… |  |  |
| **Skills Focus** | |  |  |
|  | Write up to include:  A sequence of diagrams to represent the forces acting on the ball bearing at three different positions showing how they change.  Discussion of what you would expect to happen with smaller or larger ball bearings, giving scientific explanations to support your reasoning. |  |  |

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