

PHYSICS PAG CHECKLIST

PAG 1.1

Investigating motion

Comparing methods of determining g

Skill & Practical skills Spec. Reference

- 1.2.1 (b)** Safely and correctly use a range of practical equipment and materials
- 1.2.1 (c)** Follow written instructions
- 1.2.1 (d)** Make and record observations/measurements
- 1.2.1 (e)** Keep appropriate records of experimental activities
- 1.2.1 (f)** Present information and data in a scientific way
- 1.2.1 (g)** Use appropriate software and tools to process data, carry out research and report findings
- 1.2.1 (j)** Use a wide range of experimental and practical instruments, equipment and techniques
- 1.2.2 (a)** Use analogue appropriate analogue apparatus to record a range of measurements (to include length/distance, temperature, pressure, force, angles and volume) and to interpolate between scale markings
- 1.2.2 (c)** Use methods to increase accuracy of measurements, such as timing over multiple oscillations, or use of fiduciary marker, set square or plumb line
- 1.2.2 (d)** Use of a stopwatch or light gate for timing
- 1.2.2 (k)** Use of ICT such as computer modelling, or data logger with a variety of sensors to collect data, or use of software to process data