

# PHYSICS PAG 10.1 CHECKLIST

## Investigating simple harmonic motion

Investigating factors affecting simple harmonic motion

### Skill & Practical skills Spec. Reference

- 1.2.1 (a)** Apply investigative approaches and methods to practical work
- 1.2.1 (b)** Safely and correctly use a range of practical equipment and materials
- 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
- 1.2.1(j)** Use a wide range of instruments, equipment and techniques
- 1.2.2(a)** Use 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 (b)** Use of appropriate digital instruments including multimeters to obtain measurements (to include time, current, voltage, resistance and mass)
- 1.2.2 (c)** Use of 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 gates for timing