

# PHYSICS PAG 5.3 CHECKLIST

## Investigating waves

Determining frequency and amplitude of a wave using an oscilloscope

### 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 (j)** Use a wide range of experimental and practical 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 (f)** Correctly constructing circuits from circuit diagrams using DC power supplies, cells, and a range of circuit components, including those where polarity is important
- ☐ **1.2.2 (h)** Use of a signal generator and oscilloscope, including volts/division and time-base
- ☐ **1.2.2 (i)** Generating and measuring waves, using microphone and loudspeaker, or ripple tank, or vibration transducer, or microwave/radio wave source