

PHYSICS PAG 5.1 CHECKLIST

Investigating waves

Determining the wavelength of light with a diffraction grating

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 (j)** Use of a laser or light source to investigate characteristics of light, including interference and diffraction