

PHYSICS PAG 2.1 CHECKLIST

Investigating properties of materials

Determining the Young modulus for a metal

Skill & Practical skills Spec. Reference

- ☐ **1.2.1 (b)** Safely 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 (h)** Use online and offline research skills including websites, textbooks and other printed scientific sources of information
- ☐ **1.2.1 (i)** Correctly site sources of information
- ☐ **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 length and distance and to interpolate between scale markings
- ☐ **1.2.2 (c)** Use methods to improve accuracy of measurements
- ☐ **1.2.2 (e)** Use of callipers and micrometers for small distances, using digital or Vernier scales