

PHYSICS PAG 4.1 CHECKLIST

Investigating electrical circuits

Investigating resistor combinations and potential dividers

Skill & Practical skills Spec. Reference

- ☐ **1.2.1 (a)** Apply investigative approaches to practical work
- ☐ **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 (b)** Use of appropriate digital instruments, including electrical multimeters, to obtain a range of measurements (to include time, current, voltage, resistance and mass)
- ☐ **1.2.2 (g)** designing, constructing and checking circuits using DC power supplies, cells, and a range of circuit components