

PHYSICS PAG 9.1 CHECKLIST

Investigating capacitors

Investigating the charging and discharging of capacitors

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 (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 (b))** Use of appropriate digital instruments including multimeters to obtain measurements (to include time, current, voltage, resistance and mass)
- ☐ **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 (k)** Use of ICT such as data logger with a variety of sensors to collect data, or use of software to process data