

KCSE TOP PREDICTION MASTER CYCLE 8

Each student will require the following :-

- A voltmeter
- Two dry cells and a cell holder
- A switch
- A resistor labelled R (3.9Ω)
- A nichrome wire (**SWG 26**) mounted on a mm scale and labelled G
- A micrometer screw gauge (to be shared)
- Six connecting wires with six crocodile clips
- A candle
- A lens ($f = 20$ cm) and a lens holder
- A screen
- A metre rule
- Rubber bung (hard).
- Vernier calipers (shared).
- Electronic beam balance (shared).
(which records to 1 d.p.)
- a retort stand, one boss, one clamp
- One 500ml beaker $\frac{3}{4}$ full of water
- One 100g mass
- One 50g mass
- 3 pieces of thread approximately 30cm long