## PHYSICS PP3 CONFIDENTIAL

## **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  $(3.9\Omega)$
- 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 3/4 full of water
- One 100g mass
- One 50g mass
- 3 pieces of thread approximately 30cm long

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