



## NYAHOKAKIRA CLUSTER 3

### PHYSICS CONFIDENTIAL

#### 1. QUESTION ONE

The learner should be provided with the following apparatus:

- A 100g mass.
- A copper wire of about 120cm long.
- Stop watch
- Metre rule
- Two small wooden blocks.
- A complete retort stand.

#### 2. QUESTION TWO

##### PART A

- Voltmeter
- Ammeter (0 – 1)A
- Nichrome wire labeled K (10cm long gauge32)
- one cell and cell holder.
- A switch
- Connecting wires (At least two with crocodile clips)0
- Micrometer screw gauge(shared)

##### PART B

- a glass block (10.2 x 6.5 x 1.8)cm
- a plane mirror (10 x 10)cm
- 4 optical pins
- a soft board
- A cellotape ( about 15cm long)
- 2 white – plain sheets of paper
- a ruler or half metre rule
- a protractor
- 4 office pins