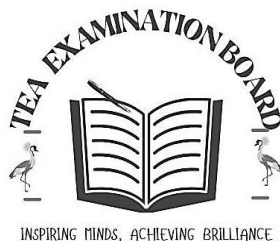


Candidate's Name: .....Signature: .....

**545/2**  
**CHEMISTRY**  
**Paper 2**

2 Hours



TEA EXAMINATION BOARD

*Uganda Certificate of Lower Secondary Education*

MOCK EXAMINATIONS-JULY/AUGUST 2024

**Paper 2**  
Practical

2 Hours

**INSTRUCTIONS TO CANDIDATES:**

*This paper consists of **one compulsory** examination item. Answers to this item are to be written in the spaces provided in this booklet. Use **blue** or **black** ink.*

*All working must be clearly shown. Graph paper will be provided.*

*Mathematical table and silent non-programmable scientific calculators may be used.*

*You are **not** allowed to use reference books (i.e. text books, booklets on qualitative analysis etc.)*

*Candidates are advised to carefully read the item, make sure they have all the apparatus and chemicals they may need and then **plan** appropriately before starting.*

Their idea involves using some of the solid compounds in their laboratory. This approach would potentially reduce the cost of buying commercial instant packs.

The Headteacher has tasked you to carry out the investigation and has provided you with the following:

## Task

- (a) As Chemistry learner with the materials available to you;
- (i) Design an experiment you will carry out to help school make the right choice. (*Your design should include the following; aim, variables, hypothesis, procedures, risks and mitigation*)

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Carry out the experiment and record your data. (At least seven readings are required)

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This image shows a full page of blank handwriting practice paper. It features approximately 28 evenly spaced horizontal black lines across the entire page, providing a guide for letter height and placement. The lines are uniform in thickness and extend from the left edge to the right edge of the page. There are no margins, text, or other markings present.



**END**