NAME…………………………………………………………STREAM……………

ST. NOA MAWAGGALI S.S.S. MBIKKO
BEGINNING OF TERM ASSESSMENT 2024
S.1 PHYSICS

INSTRUCTIONS   **TIME**: 1 hour 15 minutes

Answer all Items

ITEM 1

Physics has eight major branches that are commonly applicable in daily running of our societies all over the world. By looking at the pictures below, you are required to identify the branches of physics using your knowledge of components of branches of physics you learnt.

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ITEM 2

The importance of physics in our lives is highlighted by the many applications that physics has made possible in people's lives, and which have become one of the indispensable necessities of life however most people are not aware of this significance. Explain briefly five ways how physics helps in our daily life.

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ITEM 3

During the visitation at your school parents and guardians flooded the school compound and as part of school way of promoting their school to the outside community you are one of the few students selected to show the parents around the school laboratory. Whereas in the laboratory many apparatus were organized to be displayed to the parents and guardians who were eagerly waiting to see how well their learners have attained knowledge and skills while at school.

(a) Before you let the parents into the laboratory, don't forget to inform them about what a laboratory is, and also inform them about the **rules** and **regulations** they must abide by as they enter the laboratory for the tour.
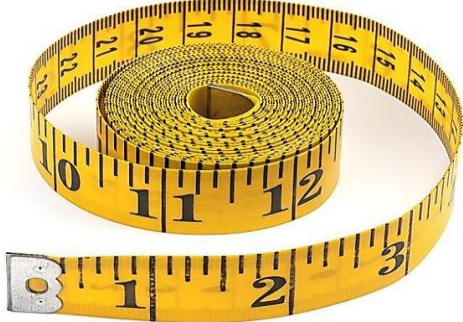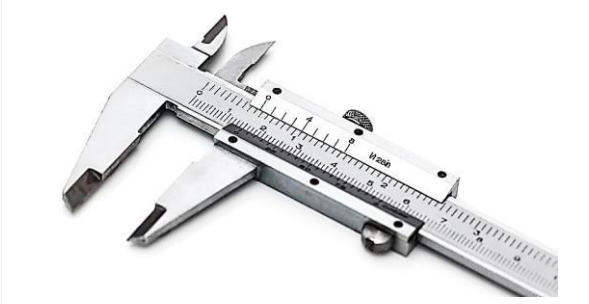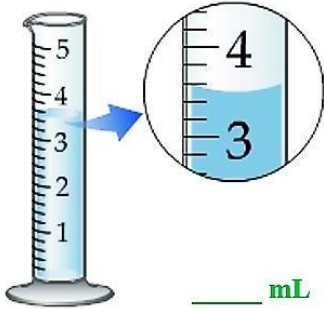
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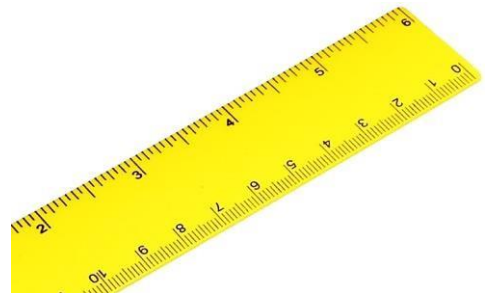
ITEM 4

Help the parents identify the **name** and **uses** of each apparatus labeled below.

Name	Name
Use	Use
Name	Name
Use	Use
Name	Name
Use	Use

3

Name	Name
Use	Use
Name	Name
Use	Use

ITEM 5

a) From question 4 above, identify the best instrument for measuring the following distances in order to help attain the best results possible.

(i) Length of the school basket ball ground: ………………………………..

(ii) Diameter of a small wire: …………………………………………………..

(iii) Height of a child…………………………………………………………….

(iv) Time taken to run a race of 100m: ………………………………………….

(v) Volume of irregular objects: ………………………………………………..

(vi) Mass of sugar bought: …………………………………………………………

b) The school football pitch has dimensions of 500m by 20m. Determine its area in km^2.

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