**LESSON PLAN**

**SCHOOL:** Ian College Lyantonde DATE: 22/2/2020

**TEACHER:** Mbabazi Pamela TIME:

**CLASS:** S1 DURATION: 40 min

Number of pupils:

**SUBJECT:** Physics

**Theme:**  Mechanics and Properties of Matter

**TOPIC:** Introduction to physics

**Competency: The l**earner should be able to understand the importance of Physics and safe laboratory practice.

Learning outcomes: The learner should be able to

1. Understand the branches of physics
2. Relate the branches of physics to careers

**RATIONALE**

Learners will appreciate the aspects of physics and how they link together. They will also appreciate the contribution of physics to the development of career and its importance in solving societal problems.

**Pre- Requisite Knowledge**

Pupils already have knowledge on the general meaning of science and some of the branches of science.

Te**aching learning materials**:

Flip charts and markers.

**Reference**:

Lower Secondary Curriculum, Physics Syllabus NCDC 2019 Pg 13-16

New Physics; Students’ Book for S1 & S2 by Arthur Atkinson et al. Pg 1-3

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| **Time/ Stage** | **Teacher Activity:** Observation, Conversation, Product | **Learners’ Activity:** Discovery, Explanatory, Analysis and Application |
| 10 minutes  **Introduction stage** | Teacher observes how learners create the tags and looks out for   * Creativity * Respect for property * Collaboration * Communication…..   Product is a weather resistant name tag | Task: Create and decorate yourself with a name tag   * Each learner gets to know ***atleast*** three of his/her classmates by name * Value??? * Attitudes??? * Skills???? |
| 25 Minutes  **Lesson development stage** | **Key question: What do you hope to become by studying physics? Explain your answer**  In groups, learners   * list the subjects they did at primary school * isolate science * suggest the branches of science * Isolate physics * suggest the branches of physics   Instruction: Illustrate your work using a mind map.  **Teacher observes and notes how learners contribute answers to the given task focusing on**   * **Accuracy** * **Relevance** * **Student participation** | Develop a mind map showing the relationship between science, physics and careers related to the study of physics  Electricity  Electrician  Display and explain your mind maps. |
| 10 Minutes  **Evaluation** | In plenary,teacher guides learners on constructing their own notes. Teacher ensures accuracy of the two phrases. | Construct two phrases   1. listing the branches of physics 2. listing some careers related to the branches of physics |