**COMPETENCE BASED CURRICULUM LESSON PLAN**

Mr.BWANIKA JAMES

EZRA HIGH SCHOOL

SCHOOL ........................................................................... TEACHER: ..........................................................................

80 Minutes

7:20am-8:40am

27/01/2025

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TERM: ...................... DATE: ........................... TIME: ............................... DURATION: ..........................................

PHYSICS

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| 45 | 40 | 85 |

CLASS: ........................ SUBJECT: ...................................... NUMBER OF LEARNERS:

LEARNER(S) WITH SPECIAL NEEDS:

Mulumba Martin is short sighted. Mulungi Agatha has a hearing problem.

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THEME:

MECHANICS AND PROPERTIES OF MATTER

TOPIC:

WORK, POWER AND ENERGY

LEARNING AREA:

ENERGY

COMPETENCY:

THE LEARNER UNDERSTANDS AND USES THE RELATIONSHIP BETWEEN ENERGY, WORKDONE, FORCE AND POWER IN THE OPREATION OF SIMPLE MACHINES

KEY LEARNING OUTCOME(S): The learner should be able to;

* EXPLAIN THE CONCEPT OF ENERGY
* ANALYSE THE PRODUCTION OF ENERGY AND ENERGY SOURCES

RATIONALE:

TO ENSURE ENERGY SUSTAINABILITY, ONE NEEDS TO STUDY ENERGY TO UNDERSTAND SENERGY SOURCES

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ENERGY SOURCES, CONSUMPTION AND CONVERSION

APPLICATION(S) IN EVERYDAY LIFE:

ENERDG IS UESD IN MANY CASES IN EVERYDAY LIFE E.G IN COOKING, LIGHTING, LIFTING ETC

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GENERIC SKILL(S):

COMMUNICATION, COOPERATION, CRITICAL THINKING AND SELF DIRECTED LEARNING

VALUE(S):

* THE LEARNER NEEDS TO RESPECT ONE ANOTHER AS THEY WORK IN GROUPS.

CROSS-CUTTING ISSUE(S):

ENVIRONMENTAL AWARENESS, SOCIAL ECONOMIC ISSUES

PREREQUISITE COMPETENCE(S):

FRICTION, EFFECT OF FORCES

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LINK WITH THE NEXT LESSON:

Learners research about energy conversion

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METHODOLOGY:

DISCUSSION, QUESTION AND ANSWER, GUIDED DISCOVERY

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LEARNING MATERIAL(S):

PROJECTOR, LEARNERS GUIDE, LAPTOP, LIBRARY RESOURCES, MOTOR, CHEMICAL CELLS

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ICT INTEGRATION:

LEARNERS USE THE INTERNET TO MAKE RESEARCH, MS WORD TO WRITE NOTES.

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REFERENCE:

* LOWER SECONDARY CURRICULUM, PHYSICS SYLLABUS NCDC 2019
* LEARNERS BOOK 2, PAGE 5-6

LESSON DEVELOPMENT:

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| **PHASE** | **TEACHER’S ACTIVITY** | **LEARNERS’ ACTIVITY** | **LEARNING INDICATOR** |
| Greeting and roll calling  (3minutes) | Teacher greets the learners and roll calls. | Learners respond to the teacher. | Learners responding. |
| Introduction  (15 minutes) | Teacher reviews the previous lesson and introduces a new chapter. | Learners respond to the questions from the previous topic and brainstorm on the new chapter. | Learners answering the questions correctly. |

LESSON REVIEW AND EVALUATION:

Strength(s):

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Weakness(es):

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Way forward:

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COMMENT(S):

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