**TEACHER’S NAME:**

**SCHOOL**

**TERM: 1 YEAR 2023**

**NUMBER OF STUDENTS:38…. SUBJECT: BIOLOGY**

**TOPIC: Plant nutrition**

**SUB-TOPIC: photosynthesis . LESSON NUMBER: 4**

**WEEK;7**

**DATE: 11 May 2023 TIME:12:30 ……….**

**OBJECTIVES**: **By the end of the lesson the learner should be able to;**

-Explain what photosynthesis is

-Explain the importances of photosynthesis

-Explain the roles of enzymes in photosynthesis

-Identify and describe the limiting factors of photosynthesis

LESSON PRESENTATION

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| **TIME** | **CONTENT** | **LEARNING ACTIVITIES** | **RESOURCES** | **REFERENCE** |
| 5 MINUTES | **INTRODUCTION**  Ask questions to test the extent to which the learners remember photosynthesis from their previous grades. | Discussion.  Questions and answers | -Chalk board/white board.  -A piece of chalk/ marker pen. | Namcol biology textbook by LTT Nghipandulwa |
| 30 MINUTES | **BODY DEVELOPMENT**  -Give the learners a proper definition of photosynthesis that appears in the syllabus.  -Explain the importances of photosynthesis to plants,using examples of plants in their environments.  -Explain the role of enzymes in photosynthesis, mainly be focused on enzyme Rubisco.Digestion and growth should be included.  -Identify and explain the limiting factors of photosynthesis limited to temperature, sunlight,water, Carbon dioxide concentration. | -present posters which display the limiting factors of photosynthesis.  -Use a chalk board to display the enzyme activity on graphs for learners to gain a deeper understanding. | -Potted plant  -Chalk board and a piece of chalk | -KLB secondary Biology Students book 3 Page 1-3  -KLB teachers book 3 pages 1-3  -Principles of biology vol. 2 pages 1-4 |
| 5 MINUTES | **CONCLUSION**  Oral evaluation on the sub-topic’s objectives. | Questions and answers. | -Chalk board/white board.  -A piece of chalk/ marker pen. | -Apple deklerk biology textbook |

SELF- **Evaluation:**