DEPARTMENT OF NATURAL SCIENCES

LESSON PLAN

NAME OF TEACHER: …… **DATE**:
SUBJECT: Mathematics
DURATION:80 MINUTES
TOPIC: ALGEBRAIC EXPRESSIONS & FORMULA **CLASS:** 8B

SUBTOPIC: Substitutions. **NO OF BOYS: ……..**

GIRL: ……..
REFERENCES: ZBEC pupils book 8 pg 70- and other sources
TEACHING LEARNING /AIDS: learners book, chalk board and chart
RATIONALE: This is lesson number one on Algebraic expressions. Teacher exposition .demonstration and role play methods will be used. This lesson will develop learners knowledge to Distinguish between variables and coefficients. The skill of Substitution or representation of letters for numbers. The value of Logical thinking in factoring.
LEARNING OUTCOMES: P.S.B.A.T:

- Simplify algebraic expressions

PREREQUISITE KNOWLEDGE: Learners have ideas about th topic being taught.
LESSON INTRODUCTION: Brainstorming questions about the topic being taught will be used to introduce the topic and to revise through the previous lesson

LESSON DEVELOPMENT

CONTENT	TEACHERS ACTIVITY	LEANERS ACTIVITY
BASIC OPERATION ON ALGEBRAIC EXPRESSION	Tr to write the examples on the board	Learners to write the example in their exercise books
EXAMPLES Simplify the following a.-4x+7x b.5y-y c.-4x-x+4x	Tr to solve on the board part A **SOLUTION** a. .-4x+7x =(-4+7)x =3x Tr to ask learners to go and solve part B and C on the board	Learners to listen attentively and ask questions Learners to go and solve on the board **EXPECTED ANSWERS** b.5y-y=5y-1y =(5-1)y

EXERCISE Simplify the following a.6a+(-4a) b.-2y+6y c.-c-c	Tr to write the exercise on the board	=4y c.-4x-x+4x=(-4-1+4)x =-1x = -x Learners to write the exercise in their exercise books **EXPECTED ANSWERS** a.6a+(-4a) =(6-4)a =2a b.-2y+6y =(-2+6)y =4y c.-c-c=(-1-1) c =-2c

Lesson conclusion: Tr to conclude lesson by revising through the lesson with leaners to help remedial learners

Learners evaluation

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Teachers evaluation

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