DEPARTMENT OF NATURAL SCIENCES

LESSON PLAN

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

SUBTOPIC: Algebraic expressions. **NO OF BOYS: ……..**
GIRL: ……

REFERENCES: long man mathematics pupils book 8 pg 36 and other sources
TEACHING LEARNING /AIDS: learners book, chalk board and chart
RATIONALE: This is lesson number one on Algebraic expressions. Teacher exposision .demonstration and role play methods will be used. This lesson will develop learners knowledge to relate letters to numbers and/ or vice versa .The skill of Contrasting terms and constants. The value of Accuracy in computation of values
LEARNING OUTCOMES: P.S.B.A.T:

- Formulate 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
<u>SIMPLFYING ALGEBRAIC EXPRESSION</u> Exsmple of an algebraic expression $-6x^2$ -6 is the coefficient X is the variable 2 is the power of the variable **NOTE** -if there is no sign in front of the term ,then the term is positive **EXAMPLES** State the coefficient ,variable and power of the variable in the following a.$3x^2$ b.x^2 solution a.$3x^2$ 3 is the coefficient x is the variable 2 is the power b.x^2 1 is the coefficient x is the variable 2 is the power	Tr write an example of an algebraic expression and state what each term in an expression mean Tr to write the examples on the board Tr to ask leaner to go and solve on the board	Learners to listen attentively and ask question Learners to write the examples in their exercise books Leraners to go and solve on the board **EXPECTED ANSWETR** a.$3x^2$ 3 is the coefficient x is the variable 2 is the power

		b.x^2 1 is the coefficient x is the variable 2 is the power
	Tr to write the exercise on the board	Learners to write the exercise in their exercise books
EXERCISE For each of these terms ,write down the sign ,the coefficient ,the variable and the power of the term. a.$-5x^2$ b.$3p^2$ c.j^6 d.$-y^7$		**EXPECTED ANSWETR** a.$-5x^2$ sign is -(negative) coefficient is -5 variable is x power is 2 b.$3p^2$ sign is +(positive) coefficient is +3 variable is P power is 2 c.j^6 sign is -(negative) coefficient is 1 variable is J power is 6 d.$-y^7$ sign is -(negative) coefficient is -1 variable is Y power is 7

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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