

HIGHLAND HIGH SCHOOL

LESSON PLAN

NAME: A. Daka

CLASS: 10 O

SUBJECT: Mathematics

TOPIC: Circle Geometry

SUB - TOPICS: Properties of a Circle

REFERENCES: Mathematics 11

OBJECTIVES: At the end of the lesson, PSBAT:

(a)

(b)

(c)

DATE: 20 - 05 - 08

TIME: 07:30hrs

DURATION: 80 minutes

TEACHING AIDS: Circle Geometry Board Chalkboard.

CONTENT	TIME PHASE	TEACHER'S ACTIVITY	PUPILS ACTIVITY/EXPECTED RESPONSE	METHOD
Introduction	5 - 10 minutes	- Teacher drawing a circle on the chalkboard and asking pupils to name the Parts of a Circle. Segment	Answering orally and note taking.	. Question and answer.
Lesson Development	30 minutes	Algebraic Expressions LIKE TERMS UNLIKE TERMS Distributive law Substitution Factorisation -Simple factors -By grouping -Quadratic Expressions -Difference of two Squares - 1. Simplifying algebraic Expressions <u>Addition and Subtraction of</u> Quick revision of Grade 8 work on Processes of Expressions with like terms. Algebra.	- Pupils to participate in solving examples on the chalkboard. - e.g. 1. $\therefore$ 2. - Writing notes.	Teacher exposition
Assessment	40 minutes	- Teacher giving Class Work on the chalkboard Ex1 P80 Then going round giving individual attention to pupils needing help.	Doing the exercise individually in their notebooks.	Chalkboard

EVALUATION:

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HIGHLAND HIGH SCHOOL

LESSON PLAN

NAME: A. Daka
CLASS: 10 H /O
SUBJECT: Mathematics
TOPIC: Sets

DATE: 18 - 03 - 08
TIME: 07:30hrs
DURATION: 80 minutes

SUB - TOPICS: Equal and Equivalent Sets, Finite and Infinite sets, Universal set, Subsets, Number of Subsets.

REFERENCES: Mathematics 10

OBJECTIVES: At the end of the lesson, PSBAT:
(a) Identify Equal and Equivalent sets.
(b) List down elements of a given finite or infinite set.
(c) State the universal set of given sets, List subsets and write the number of subsets.

TEACHING AIDS: Textbook and Chalkboard.

CONTENT	TIME PHASE	TEACHER'S ACTIVITY	PUPILS ACTIVITY/EXPECTED RESPONSE	METHOD
Introduction	5 - 10 minutes	- Teacher introducing the topic by asking pupils to define	- Answering orally: - Note taking.	. Question and answer.
Lesson Development	30 minutes	- Teacher explaining and giving Examples to pupils that <u>Multiplication</u> Question and answer on Grade 8 work on the topic Adding powers when the base is the "Index Notation". same e.g. $a^2 \times a^3 = a^{2+3} = a^5$ <u>Division</u> - Subtracting the power of the divisor when bases are the same e.g. $m^6 \div m^2 = m^{6-2} = m^4$ 2. Factorising algebraic expressions Quick revision on Grade 8 work on "Factorisation".- Factorising - Finding the HCF Algebraic Fractions -Fractions Fractions" /Finding the LCM Addition and subtraction Quick revision on Grade 8 work on "Common -Multiplication and Division	- Pupils to participate in solving examples on the chalkboard. Answers: - Writing notes.	Teacher exposition Chalkboard with teacher exposition
Assessment	40 minutes	Class Work Ex 1 P25 - Teacher writing questions on the chalkboard. 1. - Then going round giving individual attention to pupils needing help.	Doing the exercise individually in their notebooks.	Chalkboard

EVALUATION:

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