OBJECTIVES:

### *SCHOOL OF EDUCATION, UNIVERSITY OF THE WEST INDIES, ST. AUGUSTINE*

***MATHEMATICS LESSON PLAN***

TEACHER

Ms K.Maraj

DATE

28th January 2011

UNIT

Decimal Numbers

CLASS

Form 1

TOPIC

Multiplication of Decimal Numbers

PRE-KNOWLEDGE

Properties of decimal numbers

Addition of decimal numbers

Multiplication of whole numbers

*Pupils will*: Classification

1. Recall the properties of decimal numbers.
2. Derive the steps for multiplying decimal numbers.
3. Apply the above steps for the multiplication od decimal numbers and integers.
4. Appreciation of decimals in everyday life.

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TIME 1 period(s) minutes

40

:

When a decimal number is multiplied by an integer where should the decimal point be placed in the product? (1min)

SECTIONAL REVIEW

Teacher show the class a cash-pan and asks the student if every day they saved $1.25, how much money would they have after seven days? If the dollar sign is removed what type of number is 1.25? What is an easier/shorter method to calculate the amount saved after seven days? Topic: Multiplication of Decimals. Class why is saving important? (5 mins)

SET INDUCTION

Teaching Strategy Student Activity Resources

Teacher demonstrates the multiplication of whole numbers then puts the solution when two decimal numbers are multiplied by an integer. (3mins)

Guided group discussion aimed at deriving steps for multiplying decimal numbers and integers. (5 mins)

Textbook:A complete Mathematics Course for secondary school book 1-Raymond Toolsie,

Whiteboard, Markers, Worksheet.

METHOD

SECTION 1

Teaching points:

1. Table is constructed with three columns consisting of what the students know about decimals, what they want to know and what they learnt after today’s session respectively. (7mins)
2. Give another example and guide students to deduce the steps for calculating the product of a decimal number and an integer. (8mins)
3. Discussion of application of decimals in everyday life.(10mins)

Content:

SECTIONAL REVIEW

SECTION 3

Teaching points:

Content:

Teaching Strategy Student Activity Resources

METHOD

METHOD

SECTIONAL REVIEW

SECTION 2

Teaching points:

1)Decimal number multiplied by another decimal number.

Content:

Teaching Strategy Student Activity Resources

1

2

3

4

Completion of the table: What was learnt during today’s session? (1 min)

Why is saving important?

CLOSURE

FINAL EVALUATION

TUTOR’S COMMENTS

TEACHER EVALUATION OF THE LESSON

Reasonable level of achievement: Related Objective

Homework: Completion of Worksheet

CONTINUOUS EVALUATION