**MATHEMATICS** **FIRST TERM WEEK 3** **BASIC 6**

**TOPIC:** Value And Place Value Of Whole Numbers

The place value of a digit in a number determine its value in the number.

**PERFORMANCE OBJECTIVES**

* By the end of the lesson, the pupils should have attained the following objectives (cognitive, affective and psychomotor) and be able to:
1. give the place value and the value of a digit in a given whole number;
2. identify numbers in place value.

**ENTRY BEHAVIOR**

* The pupils are required to already have learned counting of numbers up to one million.

**INSTRUCTIONAL MATERIALS**

* The teacher will teach the lesson with the aid of abacus and charts of numbers etc.

**METHOD OF TEACHING**

1. Inductive - Deductive
2. Problem Solving
3. Discovery/Inquiry

**REFERENCE MATERIALS**

1. New Method Mathematics book 6
2. Prime Mathematics
3. Primary Mathematics
4. MacMillan New Primary Mathematics
5. Relevant materials

**CONTENT OF THE LESSON**

**VALUE AND PLACE VALUE OF WHOLE NUMBERS**

* ***Whole Numbers***

A whole number is a number without a fraction or decimal.

Every digit in a number, for example, 347840 has the value and place value of each digit as follows

This can also be represent the place-value of the number as:

The place value of 3 is hundred thousands,

The place value of 4 is ten thousands,

The place value of 7 is thousands,

The place value of 8 is hundreds,

The place value of 4 is tens,

The place value of 0 is unit.

**Further illustrations**

Find the value value and place value for:

1. 316
2. 1 631
3. 20 513
4. 5 692 536

**Decimal Numbers**

A decimal number is a number that its digit is separated by a point called decimal point.

Every digits to the left of the decimal point are who and after are decimal numbers or decimal fractions. That's,

713.142 is read as seven Hundred and thirteen point one four two not as seven Hundred and thirteen point one hundred and forty two.

The place value of 7 is hundreds,

The place value of 1 is ten,

The place value of 3 is unit,

The place value of 1 is tenth,

The place value of 4 is hundredth,

The place value of 2 is thousandth.  [click]

***Further illustrations***

Find the value value and place value for:

1. 7.504
2. 19.001
3. 682.9201
4. 500.303

**PRESENTATION**

* To deliver the lesson, the teacher adopts the following steps:
1. To introduce the lesson, the teacher revises the previous lesson. Based on this, he/she asks the pupils some questions;
2. Guides the pupils in revising the previous work on place value and value of a digit;  [click]
3. Guides pupils to find the place value and value of numbers;
4. Pupil’s Activities - Give the value and place value of each of the digits in the given number.

**CONCLUSION**

* To conclude the lesson for the week, the teacher revises the entire lesson and links it to the following week’s lesson.

**LESSON EVALUATION**

* **Pupils to:**give the place value of each of the digits in a given number.