Unit 9   Numbers to 10 000

Unit 9(a): Place Value of Digits in Numbers up to 10 000

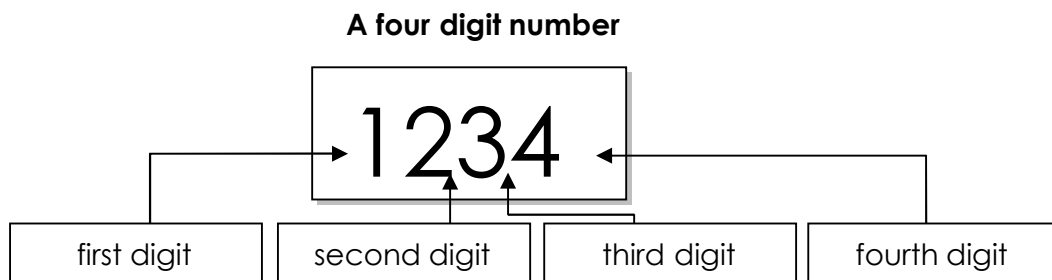**TEACHING AIDS**

You will need:

1. A Place Value Chart

TEACHING STEPS

1. Show pupils a four digit number, e.g.

$$1234$$

2. Explain to pupils that this number is made up of four digits as follows:

A four digit number

$$1234$$

| first digit | second digit | third digit | fourth digit |

3. The first digit is the thousands place, the second digit is the hundreds place the third digit is the tens place and the fourth digit is in the ones place.

4. Write the number in a place value chart

thousands	hundreds	tens	ones
1	2	3	4

"One thousand two hundred and thirty-four."

5. Have pupils say the number aloud. Remind them how to say the number name.

6. **10 000** is a 5-digit number. The digit 1 has a place value of ten thousands.

7. Pupils do Worksheet 9(a) to reinforce their understanding of numbers and place value.

Worksheet 9(a)
Place Value of Digits in Numbers to 10 000

Name : .... Date: ....

1. Write in words.

5 182...

3 701...

9 675...

1 300...

9 014...

2. Write in numerals.

Two thousand five hundred and sixty-four ……..

Eight thousand six hundred and twenty-two ……

Six thousand one hundred and nine………………

Three thousand two hundred and eighty-nine...

Four thousand two hundred and seventy- three….

3. Write the place value of the underlined digit.

4<u>5</u>61 ....

<u>7</u>379 ....

7<u>0</u>28 ....

593<u>7</u> ....

<u>2</u>332 ....

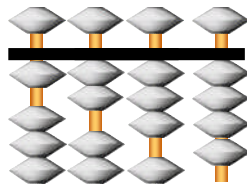# Unit 9(b): Numbers up to 10 000

TEACHING AIDS

You will need:

1. Teacher's abacus
2. Pupil's abacus

TEACHING STEPS

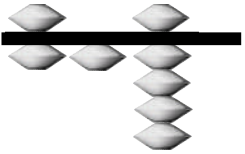1. Teacher uses the abacus to represent four digit numbers, e.g. …
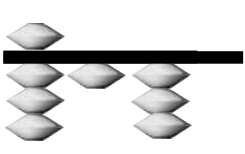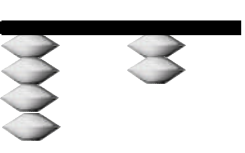
1234

"One thousand two hundred and thirty-four."

2. Pupils practice representing four digit numbers on the abacus. The table below may be used as a guide.

Name	Numeral	Abacus
One thousand	1000	
Two thousand	2000	
Three thousand	3000	
Four thousand	4000	
One thousand and two hundred	1200	
Five thousand	5000	
Two thousand and four hundred	2400	

Name	Numeral	Abacus
Six thousand one hundred and ninety	6190	
Eight thousand one hundred and thirty	8130	
Four thousand and twenty	4020	

3. Pupils do Worksheet 9(b).

Worksheet 9(b)
Numbers to 10 000

Name : ………………………………………………………   Date: …………………

Read the number names and write the numerals.

Nine thousand one hundred and fifty-two…   ☐

Two thousand one hundred and fifteen…   ☐

Nine thousand one hundred and thirty……   ☐

Six thousand four hundred and two…………   ☐

One thousand nine hundred and twenty-eight……….   ☐

Five thousand and one………………………..   ☐

Three thousand seven hundred and nine…..   ☐

Eight thousand five hundred and five………   ☐

One thousand nine hundred and twenty- five….   ☐

Ten thousand…………………………………….   ☐

Test 9

1. Write these numbers in words.

1 812...

3 010...

9 357...

5 400...

2 620...

2. Write in numerals.

Eight thousand five hundred and sixteen... □

Two thousand three hundred and twenty-six.. □

One thousand six hundred and five............ □

Nine thousand one hundred and ninety…... □

Four thousand seven hundred and thirty-three.. □

3. Write the place value for the underlined digit.

1 4<u>5</u>6...

<u>3</u> 729...

7 <u>0</u>78...

6 39<u>7</u>...

<u>1</u>0 000...