Maths Series Pre Year 3

Butterfly
and friends

Maths Series Pre Year 3

I have joined
Butterfly Friends Club

My name is _____

and I am in class

_____ .

Hey kids!

Assalam-o-Alaikum

Now if you been thinking that counting is all there is to math then you are in for a big surprise!

My friends and I will show you how math is related to you, your family and the environment you live in.

Much of that you will know through stories. The rest will come through rhymes, activities, and pictures.

All that will make learning of math lots of fun and joy. How much of the learning of math is there in these three workbooks? Well its more than enough to help you to meet the international competency standards for all areas of maths, and to prepare you for the next level of education.

So get hold of your colour pencils and keep your eyes wide open. You are about to colour the wonderful world of Math in your own unique style.
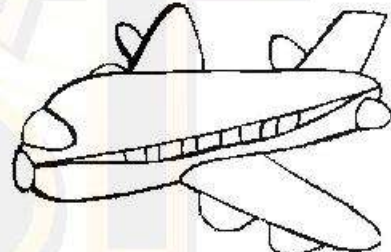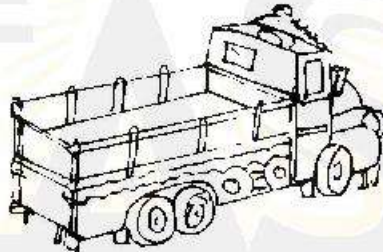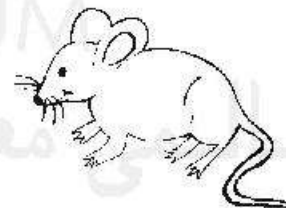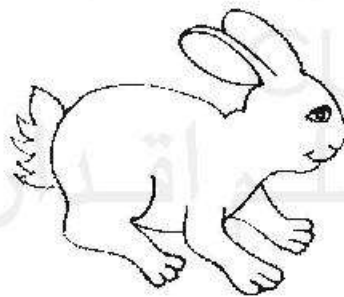
comparison

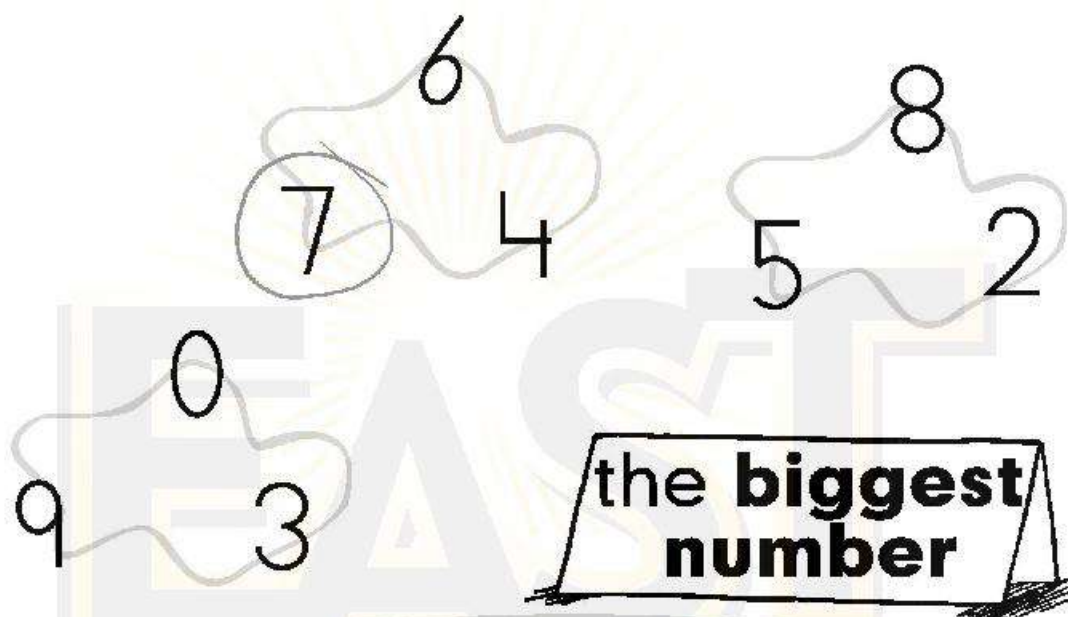big _____ _____

small _____ _____

Objective: Comparison of the concept of measurement
Instructions: Ask children to write the comparative degrees of measurement concepts.

Date: _____

6

7   4

8

5   2

0

9   3

the biggest number

18

7

19   14

16

11

the smallest number

10

13   15

Objective: Practice of big and small numbers (0-19)
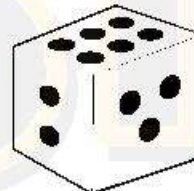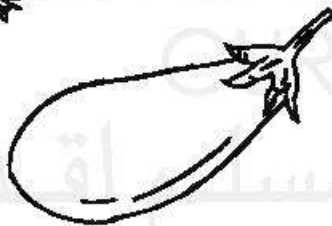**Instructions:** Ask children to circle the numbers with the biggest and the smallest values.

Date: _____

pyramid
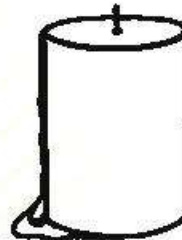
cylinder

sphere

cube

ovoid
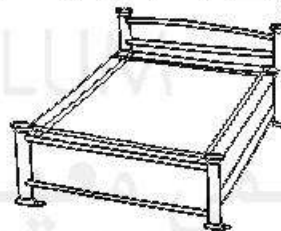
cuboid

Objective: Identification of all solid shapes
Instructions: Ask children to find solid shaped objects in the classroom.

Date: _____

rectangle
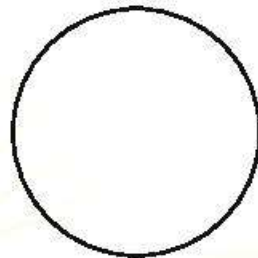
circle

square
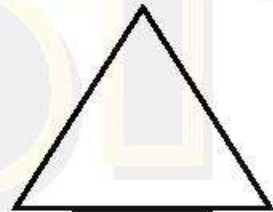
triangle
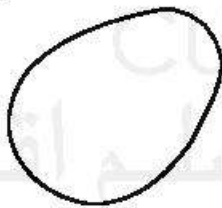
oval
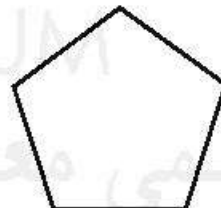
pentagon

Objective: Identification of all flat shapes
Instructions: Ask children to recognise the shapes and their names.
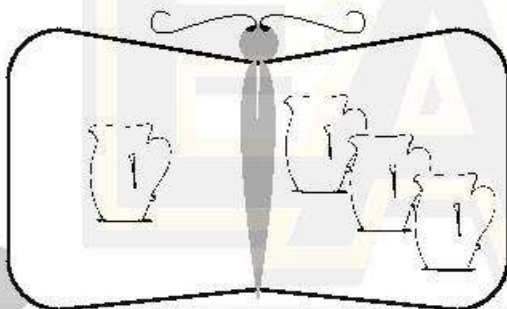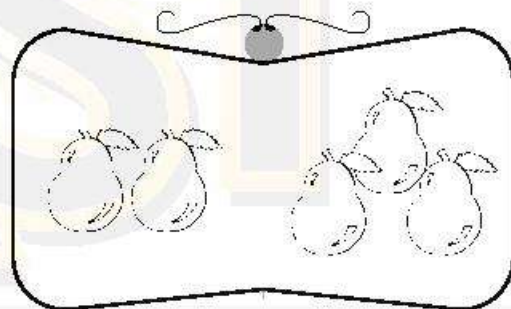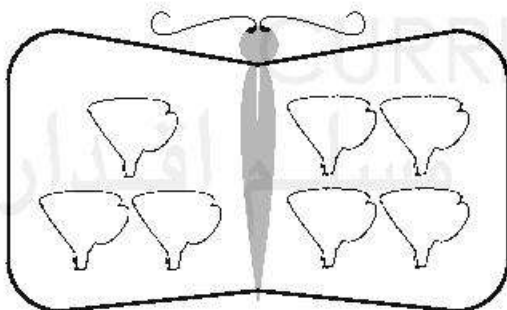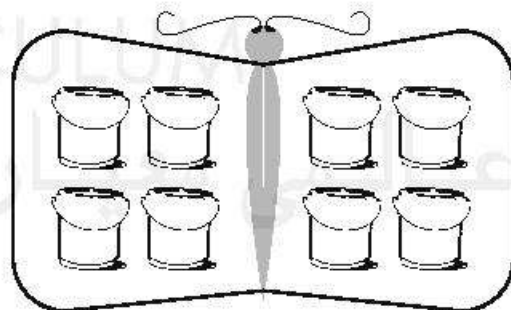
Date: _____

$$2 + 1 = 3$$

$$2 + 2 = \boxed{}$$

$$1 + 3 = \boxed{}$$

$$2 + 3 = \boxed{}$$

$$3 + 4 = \boxed{}$$

$$4 + 4 = \boxed{}$$
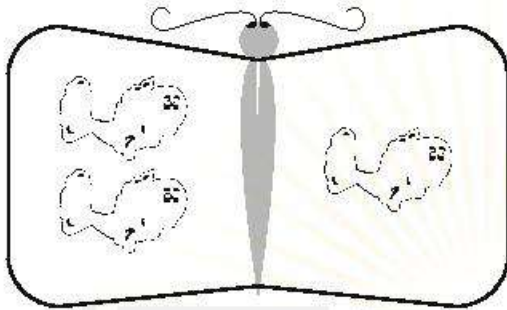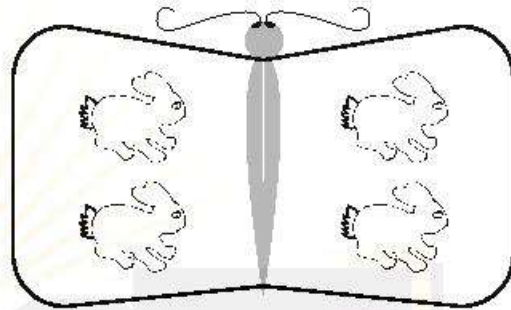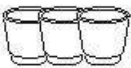
Objective: Practice of addition
Instructions: Ask children to count and add the objects and then, write the answers in the blank boxes.

Date: _____

There are 3 🪴🪴🪴.

Kitten is painting on 1 🪴.

$$3 - 1 = 2$$

There are 2 🪴🪴 that are still unpainted.

Owl is painting on 1 🪴.

$$2 - 1 = 1$$

There is 1 🪴 that is still unpainted.

Everybody is painting on the last pot.

$$1 - 1 = 0$$

Now, there is no flower pot unpainted.

Objective: Introduction of substraction
Instructions: Tell the story first, then, do the role play of the story with the children.

Date: _____

 - = ☐

 - = ☐

 - = ☐

 - = ☐

 - = ☐

Objective: Practice of subtraction
Instructions: Ask children to count and add the objects and then, write the answers in the blank boxes.

Date: _____

T U

5	0
5	1
5	2
5	3
5	4
5	5
5	6
5	7
5	8
5	9

50

Objective: Introduction of units and tens
Instructions: Ask children to read, count, and write the numbers in the appropriate boxes.
Then, tell children that these 2-digits number have 1 whole ten and units from 0 to 9.

31

Date: _____

11 e, l, e, v, e, n
eleven hens and a pen
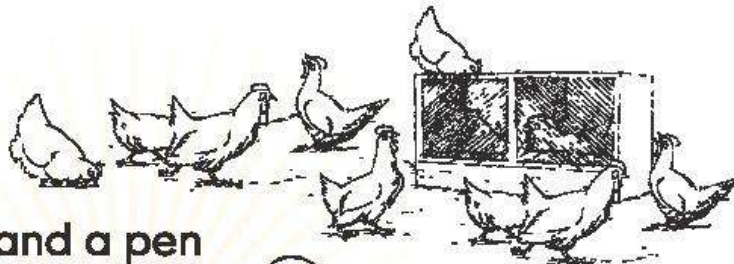
12 t, w, e, l, v, e
twelve locks and a key

13 t, h, i, r, teen
thirteen bulls mean and lean
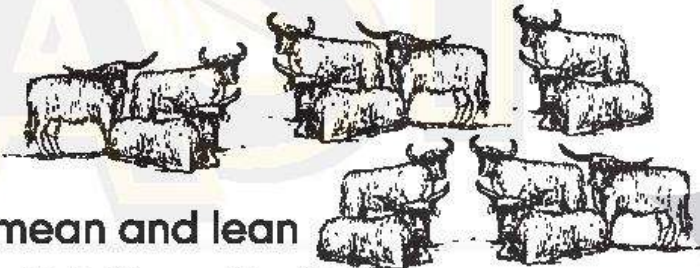
14 f, o, u, r, teen
fourteen kids neat and clean

15 f, i, f, teen
fifteen flies sitting on jeans
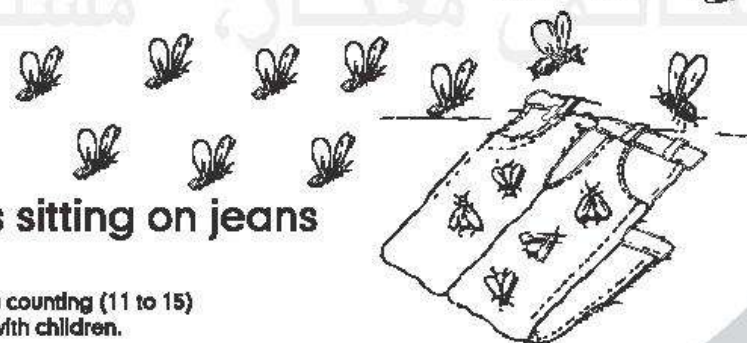
Objective: Introduction of inwords counting (11 to 15)
Instructions: Sing rhymes along with children.

Date: _____

49	39	29	19	9
				0

Objective: Practice of backward counting from 49 to 0

Instructions: Ask children to say the numbers in backward sequence and then, write the numbers.

odd

even _____

odd

even _____

odd

even _____

odd

even _____

odd

even _____

odd
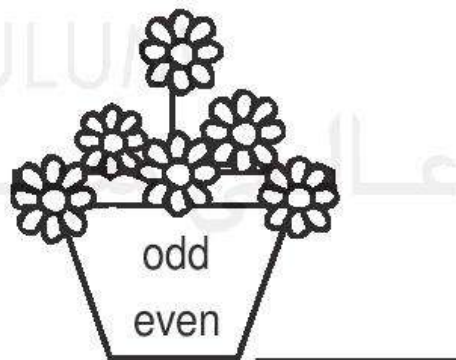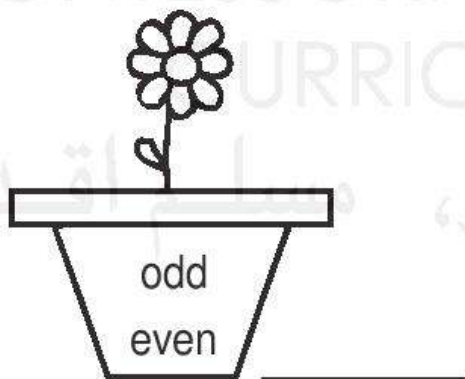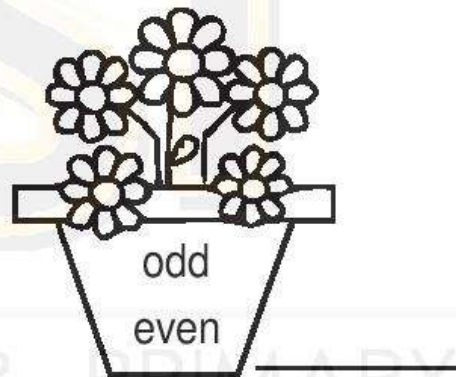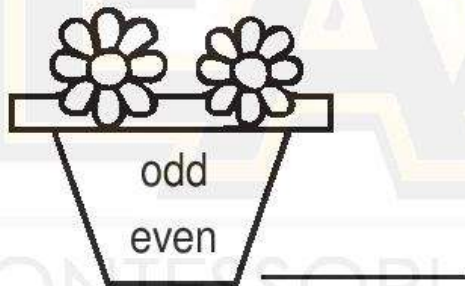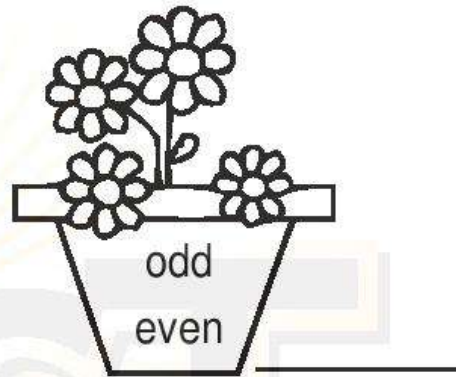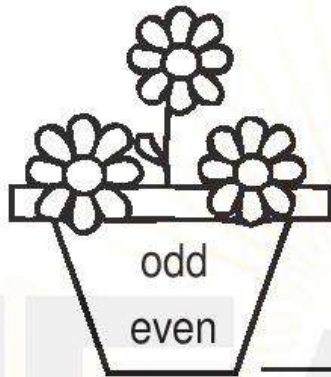
even _____

Objective: Practice of odd and even numbers
Instructions: Identify the odd and even numbers and write in the given blanks.

Date: _____

12 o'clock _____

_____

_____   _____
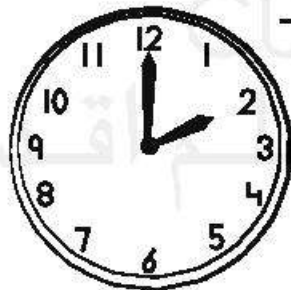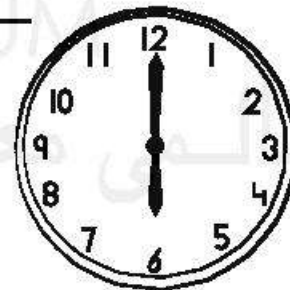
Objective: Practice of o'clock
Instructions: Ask children to read the time by looking at the hands of clock and then, write down the time on the given lines.

Date: _____

half past 7   half past 2

half past 1
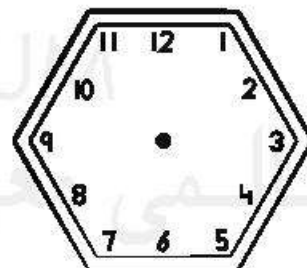
half past 5   half past 9

Objective: Practice of half past
Instructions: Ask children to read the given time and then, draw the hands in the appropriate positions.

58

Date: _____

Make set of:

1 set of 2
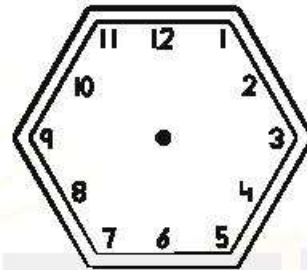
There is ☐ set of .

2 sets of 4

There are ☐ sets of .

Objective: Practice of making sets

Instructions: Ask children to draw the objects to complete the required sets and then, write the answers to complete the statement.

Date: _____

1 set of 2 are 2

1 x 2 = 2

___ sets of ___ are ___

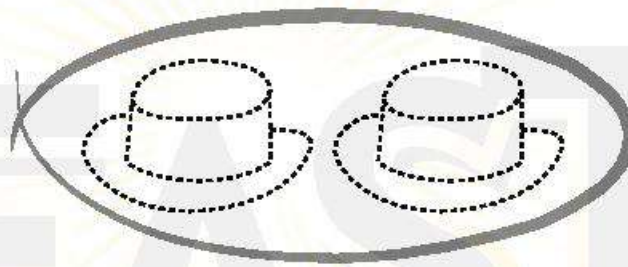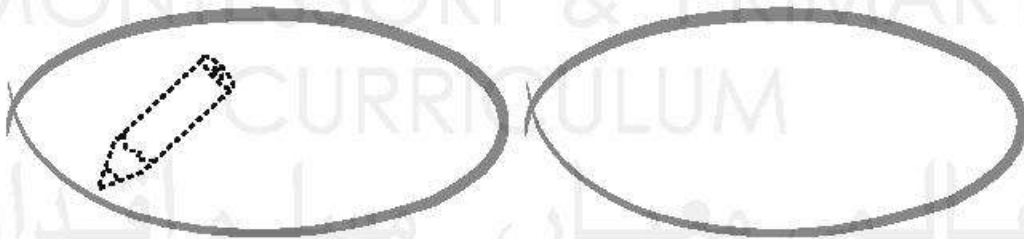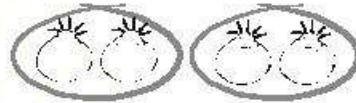___ x ___ = ___
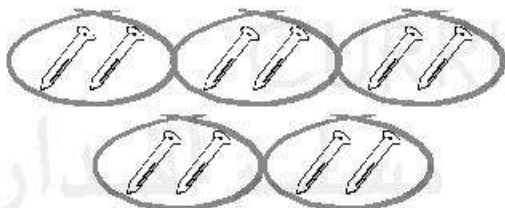
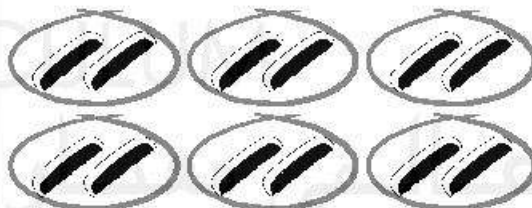3 sets of 2 are 6

3 x 2 = 6

___ sets of ___ are ___

___ x ___ = ___

___ sets of ___ are ___

___ x ___ = ___

___ sets of ___ are ___

___ x ___ = ___
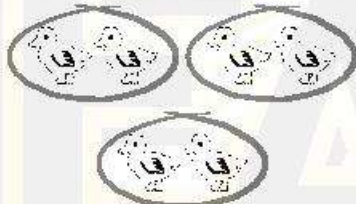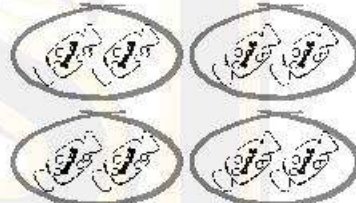
Objective: Practice of multiplication in sets

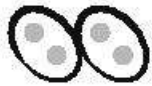**Instructions:** Explain to children that objects can be arranged in sets, and these sets can be added to perform multiplication.

$$1 \times 2 = 2$$
$$2 \times 2 = 4$$
$$3 \times 2 = 6$$
$$4 \times 2 = 8$$
$$5 \times 2 = 10$$
$$6 \times 2 = 12$$
$$7 \times 2 = 14$$
$$8 \times 2 = 16$$
$$9 \times 2 = 18$$
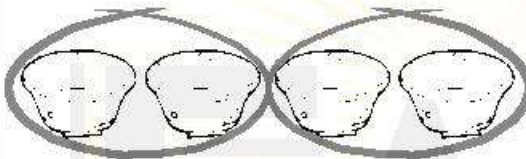$$10 \times 2 = 20$$

Objective: Introduction of table of 2
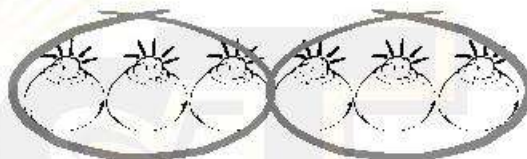**Instructions:** Read the table along with children.

Date: _____

Divide 4 🥚 into 2 sets.

4 ÷ 2 = 2

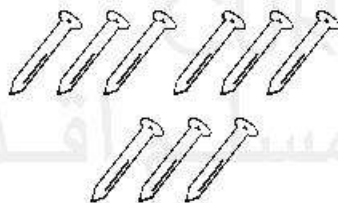## Divide 6 🍅 into 2 sets.

6 ÷ 2 = ___

Divide 9 into 3 sets.

9 ÷ 3 = ___

Divide 12 into 3 sets.
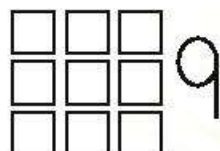
12 ÷ 3 = ___

Objective: Practice of division
Instructions: Show children, how objects can be divided into equal sets.

Date: _____

units

9

Numbers 0 to 9 are units.
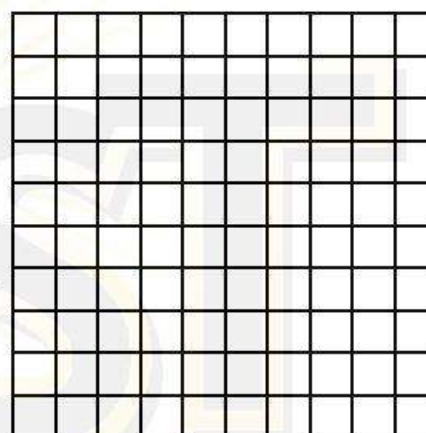
ten

10

10 units make one 10.

100 Hundred

10 tens make one 100.

H T U

100	hundred

Objective: Introduction of hundred
Instructions: Show children, how 10 units make ten, then, show how 10 tens make 100.

Contents

Math Series Pre Year 3

The unique shape of this workbook series is only one of its salient features. Other is the way in which, stories are used to help children to understand the concepts. The five characters created especially for this series, make learning child friendly. Each workbook of this series follows a scope and sequence of the revised international competency standards.

Within these pages, there are ample opportunities for children to develop their listening, speaking, reading, writing, and arithmetic skill as well.

Children will also enjoy the illustrations beautifully drawn by some of the most renowned artists of the country.

A complete range of teaching and learning aids, as well as teachers training for this series are available from the EAST office near you.
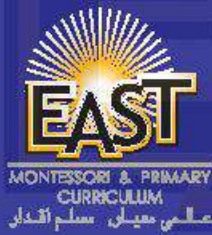
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MONTESSORI & PRIMARY CURRICULUM
عالمی سغیر، مسم اقدز

Maths Series Pre Year 3

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