

TERM II TOP CLASS
NUMBERS (LEARNING AREA 4)

WEEK 1

Introducing numbers 0 -30

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 25 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | |

Activities

- Draw beads on abacus
- Counting real objects
- Counting numbers orally
- Copying and writing them.
- Match the same number.
- Finding the missing number
- Writing number after
- Writing number before
- Arranging the numbers in order.

Fill in the missing number.

| | | | | | | | | | | |
|---|---|----|----|----|---|----|---|----|----|----|
| 1 | 2 | | | 5 | 6 | | 8 | | 10 | |
| | | | 15 | | | 18 | | 20 | 21 | 22 |
| | | 25 | | 27 | | | | | | |

Circle the big number

12, 30 27, 1 18, 20 24, 19

What number comes after?

20 _____ 15 _____ 17 _____ 29 _____ 14 _____ 23 _____

What number comes before?

_____14 _____2 _____30 _____10 _____18 _____29

Arrange the numbers in order. E.g

12, 10, 11 = 10, 11, 12

18, 20, 19 = _____

26, 24, 25 = _____

WEEK 2

Introducing addition of numbers

Add the numbers

$$4 + 2 + 4 =$$

$$6 + 6 + 2 =$$

$$1 + 1 + 1 =$$

$$3 + 1 + 2 =$$

Adding vertically

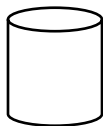
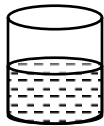
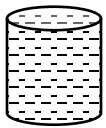
$$\begin{array}{r} 3 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 1 \\ \hline \end{array}$$

WEEK 3

Use of full, empty, half



Activities

- ✓ Matching pictures to words
- ✓ Cross the correct word
- ✓ Read and draw e.g

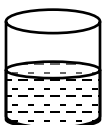
A cup full of water

A half tin of juice

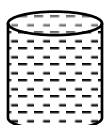
An empty glass.

Comparing more / less

A



B



Which tin has less water?

Tin _____ has less water than tin _____

Which tin has more water.

Tin _____ has more water than tin _____

WEEK 4

Activity

Comparing length of objects

Using (short, shorter, shortest)

Tom



John



Bob



Questions

Activities

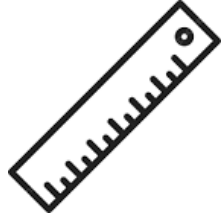
Who is the shortest?

_____ is the shortest.

_____ is shorter.

Tom is _____

Using long, longer, longest



A



B



C

Ruler A is _____

Ruler B is _____

Ruler C is _____

Ruler B is _____ than ruler _____

WEEK 5 - 7

Subtraction

Activities

Subtracting numbers horizontally.

Subtracting numbers vertically.

Take away

$4 - 1 =$

$6 - 2 =$

$5 - 3 =$

$8 - 0 =$

$1 - 1 =$

Take away

| | | |
|-----------|-----------|-----------|
| 4 | 6 | 7 |
| <u>-4</u> | <u>-3</u> | <u>-2</u> |

Word problems

Five minus two = three

$5 - 2 = 3$

Seven minus zero

Eight minus three

Note:

WEEK 8

Examination of the following words; take away, remain, broken, fell down, flew away

e.g

1- There were four birds on a tree, two flew away. How many remained?

2- Jane had eight eggs. Three eggs got broken. How many eggs were left?

WEEK 9 – 10

Introducing time and calendar.

Activities

- Reciting rhymes about time.

- Naming days of the week.
- Naming months of the year.
- Talking about the clock face
- Telling the use of time.
- Showing time on the clock face
- Telling time on a clock face.

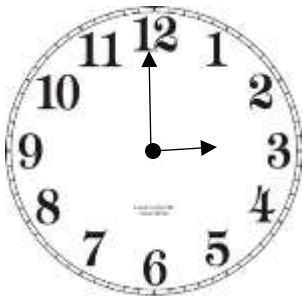
Match correctly.

| | |
|-----------|-----------------|
| Sunday | 7 th |
| Monday | 6 th |
| Tuesday | 5 th |
| Thursday | 4 th |
| Wednesday | 3 rd |
| Friday | 2 nd |
| Saturday | 1 st |

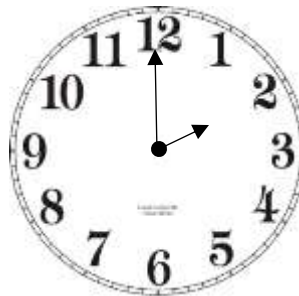
Write in full

Fri_____ Sun _____ Tue_____ Thur_____ Mon _____

Tell the time



_____ o'clock



_____ o'clock

Show time on the clock face



4:00 o'clock



6:00 o'clock

MORE REVISION WORK

Developing and using mathematical concepts in my day to day experience.

L.O.I: Surveying, knowing and distinguishing attributes of objects.

- Pairing and matching things like:
- Pair in 2s, 3s, 4s – 20s
- Grouping in 2s, 3s, 4s – 20s

Teaching materials:

- Real objects e.g. stones, books, tins, sticks, bottles tops, etc.
- Cards showing numbers.

Activity: i) Counting numbers.

ii) Counting objects

iii) Matching objects

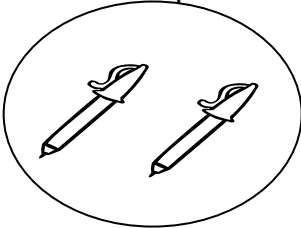
iv) Pairing the objects

v) Grouping the objects.

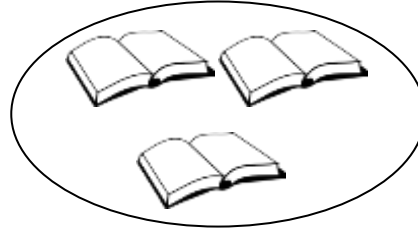
LESSON TWO:

- Sorting and matching the sets, like

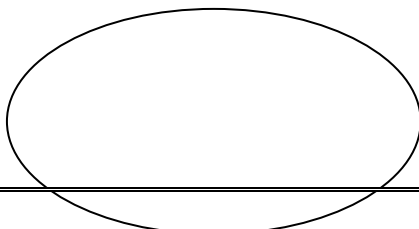
A set of pens



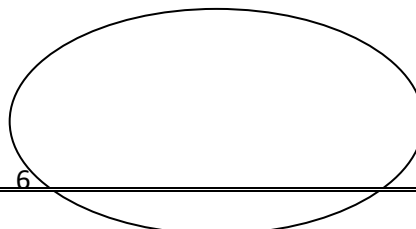
A set of books



A set of balls.



A set of tins





Like: a set of 2 balls.

A set of _____ trees, etc.

Teaching materials: - cups, balls, stones, pencils, pens, books, etc.

Activity: i) – Forming sets of different objects.

ii) - Counting sets.

iii) - Matching sets.

iv) - Naming sets.

v) - Matching the same sets.

vi) - How many members.

LESSON THREE:

- Naming of objects according to shapes and use e.g. – round objects, cups, balls, tins, tops.
- Oval objects like: eyes, eggs

Teaching materials: – real objects
-cards.

Activity: i) Naming the shapes of the given objects.

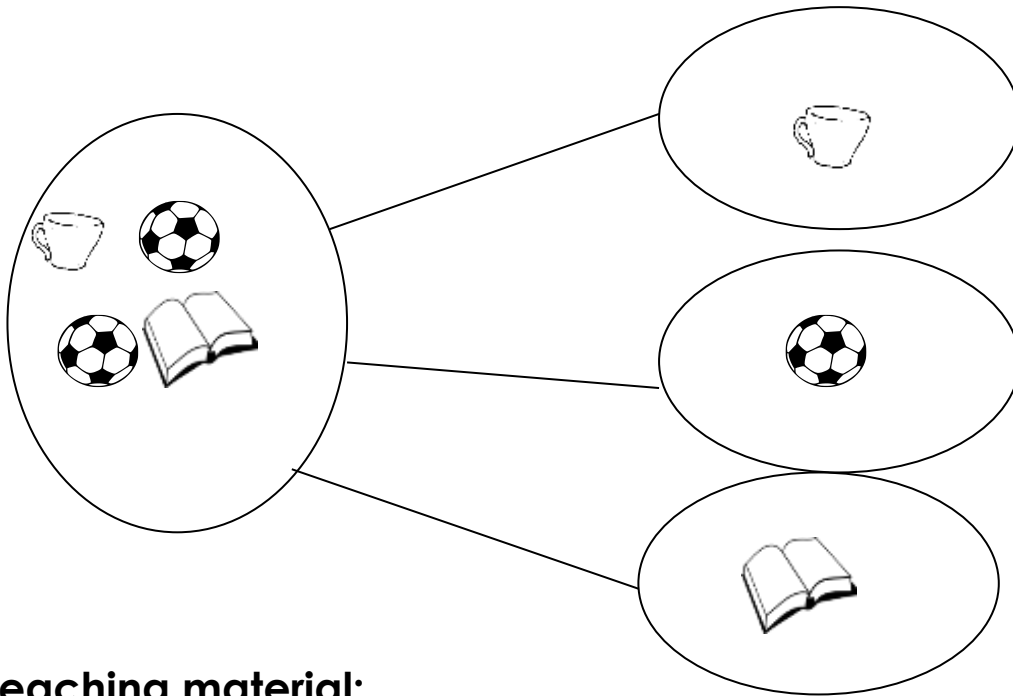
ii) Matching the same shapes of the given objects.

iii) Counting the different shapes of the objects.

iv) Drawing and naming the given shapes.

LESSON FOUR:

- Separating sets of things.



Teaching material:

Real objects e.g. balls, pens, pencils, books, sticks

Activity: i) – Draw/ form small sets from the given sets

ii) - forming sets like

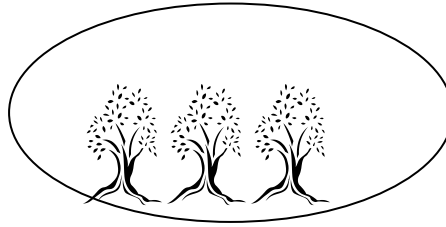
- make a set of cups.
- make a set of pens.
- A set of pencils
- A set of books.

iii) Naming the given sets.

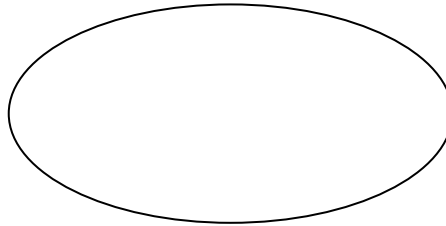
iv) Counting the given objects in a set, etc.

LESSON FIVE:

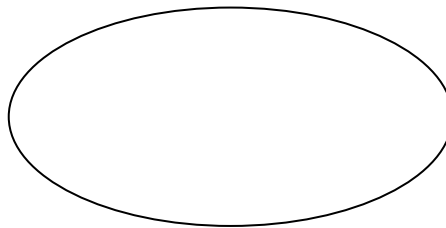
- Forming of sets of all things. E.g. Draw the sets.
- A set of 3 trees.



- A set of 4 girls.



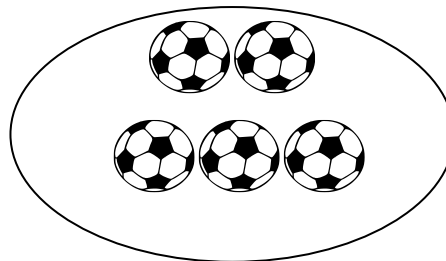
- A set of 2 eggs.



Teaching materials. - Real objects

- chalk board.

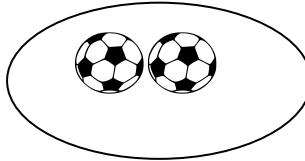
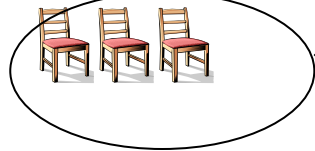
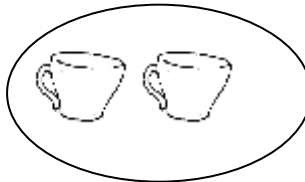
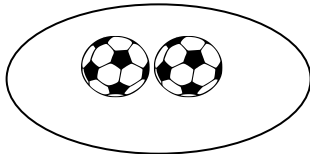
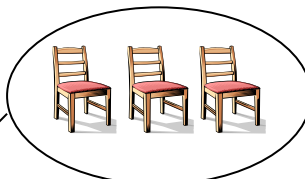
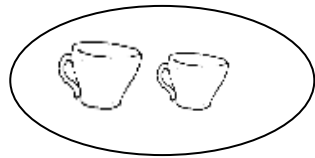
Activity: i) Draw the given sets e.g. – a set of 5 balls.



ii) Name the given sets

iii) Count the given members in a set.

LESSON SIX: - Matching of sets



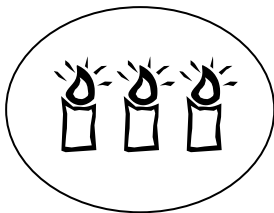
Teaching material: -Real objects

- Chalk board illustrations

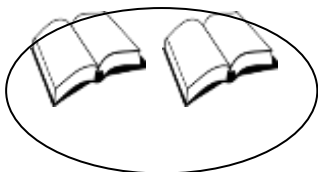
Activity: i) match the same sets

ii) Match sets according to the given members given.

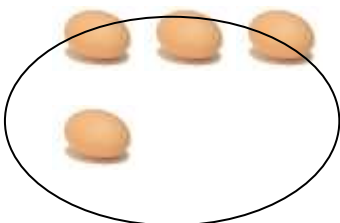
e.g.



4 eggs



5 tins



3 candles



2 books

LESSON EIGHT:

- Drawing pictures and colouring e.g. draw i) a set of balls and shade, etc.

Teaching materials: i) colours

ii) Chalk board illustrations.

Activity: i) Draw

- A set of 4 tins and shade, etc.

LESSON NINE:

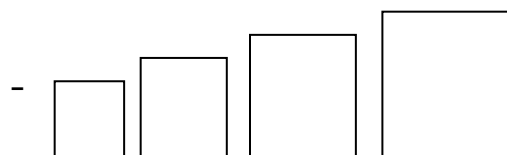
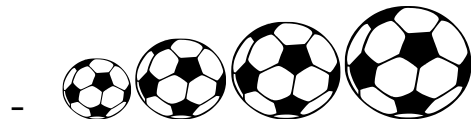
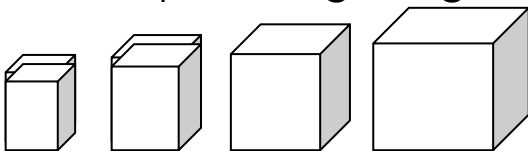
- Review the lessons i), ii), iii), iv),v), etc.

L.O.II: comparing things according

L.ONE: different attribute s.

- Relationship among things in serial order. e.g. big and little.

e.g.



- Etc

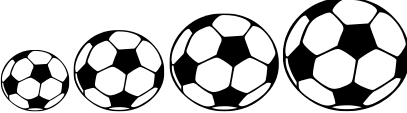
Teaching materials: - jig – saws

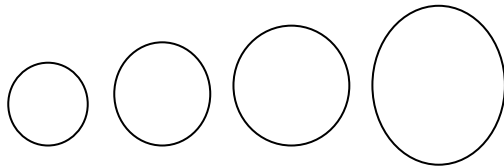
Activity: -dominos.

LESSON TWO:

- Review lesson one

ACTIVITY: i) Arrange the given objects from the small to the

biggest. E.g. 



ii) Big to small

L.O. III. Recognizing, describing and representing numbers and their relationships and solving mathematical problems with competence and confidence.

I can – recognize numerals 1 – 20

Activity: – e.g. 1, 2, 3, 4, 5, 6,

5, 6, 7, 8, 9, 10

10, 11, 12, 13, 14, 15

16, 17, 18, 19, 20

5, 4, 3, 2, 1


10, 9, 8, 7, 6


15, 14, 13, 12, 11, etc.

LESSON TWO:

- Counting objects (1 – 20)
- One to one correspondence e.g.

 = _____ shoes.

 = _____ gloves.

 = _____ a pair of sun glasses.

 = _____ hat/ cap.

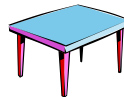
Teaching material: - real objects

-c/ board illustration.

Activities: i) write the correspondence of the given objects.

ii) Draw the picture of the given number.

iii) Matching the belongings e.g.



LESSON THREE:

- Matching numbers to objects e.g.



8



5



4



3

T/ materials: – real objects

-c/board illustration

Activity: i) match the objects to numbers.

ii) Count and match

iii) Circle the correct number for the given objects

LESSON FOUR:

- Counting forward and backwards (1 – 10) - (10 – 1)
- e.g. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
- 10, 9, 8, 7, 6, 5, 4, 3, 2, 1

Teaching materials; - cut outs of numbers

-cards of numbers.

Activity: 1) write numbers from 1 – 10

2) Write numbers 10 – 1

3) Fill in the missing numbers e.g. 10, __, 8, __, 6, __, 4

1, __, 3, __, 5, __, 7

4) Arrange numbers in order.

LESSON FIVE:

- Ordering and comparing collections of objects using the words e.g.



One ball,



four chairs



Two stools



3 mats

T/ materials: - cards, c / board, objects.

Activity: i) draw the pictures of the given number words.

ii) Count and write in words

iii) Match words to picture to words.

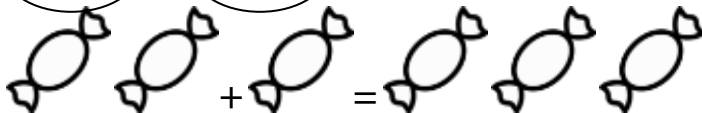
iv) Write the words correctly.

v) Fill in the missing letters.

L.O.III. LESSON ONE:

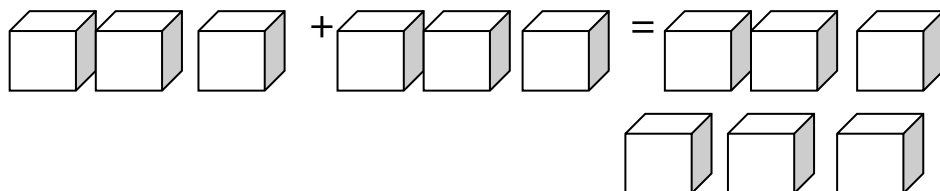
- Adding of numbers / things. 1 – 10

e.g. $\textcircled{00} + \textcircled{00} = 0000$



$$2+1=$$

$$2+2=$$



T/ materials – Objects – cut outs

- c/ board









Activity: i) Add the objects together




ii) Add the numbers




iii) Count and circle the correct number.

LESSON TWO:

- Combining things to form sets of 10

- E.g. 2   + 2   =     4

-  3 +  2 =  5

-  3 +  3 =  6

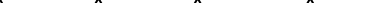
- **T/ materials** – real objects

-c/ board illustration

- Cut outs.

L.O.III. LESSON ONE:

- Performing activities involving take away of pictures and numbers.

e.g.  =

Activity: // // // // // // // // // // // = etc

T / MATERIALS – Real objects

-cards

-c/ board

L.O.III: LESSON TWO:

Addition of numbers and pictures up to 20.

e.g. i) $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \quad \bigcirc \bigcirc \bigcirc \bigcirc \quad \mathbf{s} \quad \mathbf{s} \quad \mathbf{s}$
 $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc + \bigcirc \bigcirc \bigcirc = \mathbf{s} \quad \mathbf{s} \quad \mathbf{s}$

ii) $4 + 4 =$ $6 + 5 =$ $10 + 10 =$
 $5 + 5 =$ $3 + 6 =$

Teaching material: - objects, cards

-c/board

LESSON THREE:

Take a way of things up to 20.

e.g. $\square \square \square \square \square \square - 3 =$

$\mathbf{s} \quad \mathbf{s} \quad \mathbf{s} \quad \mathbf{s}$

$\mathbf{s} \quad \mathbf{s} \quad \mathbf{s} \quad \mathbf{s} - 4, \text{ etc.}$

L.O.IV. LESSON ONE:

- Using appropriate measuring units, instruments and formulas in a variety of contexts.

- Describes positions, distance and directions e.g. using near, far in and out.

New words: position, distance, direction.

Activity: i) playing games showing distance and position.

ii) Reciting poems about distance

iii) Telling story about distance and location.

LESSON ONE:

L.O.V: Understanding and using the concept of time.

- I can describe the sequence of events by telling time according to situation.e.g. Using shadows to tell morning, noon, afternoon.

T/ materials: - sun, people and shadows.

LESSON TWO:

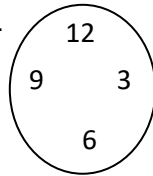
Describes sequence of event of time.

I can tell time, days of the week, months and special days.

- Showing time on clock face like;

An hour – 1' o'clock -

e.g. 3 o'clock



New words: hour, minute

T/material – clock

-c/ board illustrations

Activity: i) Tell the time

ii) Show the time, etc.

LESSON ONE:

Naming days of the week. E.g. Monday, Wednesday, Thursday, Friday, and Saturday.

New words; days, week

T/ materials: - flash cards

-visual aid

Activity: i) read and spell days of the week.

ii) Mention them in order.

iii) Mention the first letter of the day.

LESSON TWO:

- Review lesson I (days of the week).

Activity: i) fill in the correct letter.

ii) Match the first letter to the days.

iii) Write correctly.

iv) Write in order

v) Write the 1st letter, etc.

L.O.V; LESSON ONE:

Naming of months of the year. E.g. January, February, March, April, may, June, July, August, September and December.

New words: - months, year

T / materials – flash cards

-visual aid

Activity: i) read and spell

ii) Mention the months in order.

iii) Mention the 1st letter.

L.O.V: LESSON TWO:

- Review lesson I

Activity: i) Fill in the correct letter

ii) Match the same months.

iii) Write in order

iv) Write the 1st letter, etc.

LESSON ONE:

Naming of special days e.g. Christmas day, Independence Day, Labour Day, idd days.

New words; special.

T/ materials: – cards, visual aid, flash cards.

Activities: i) Read and spell

ii) Mention the special days in the year.

iii) The meaning of each special day.

LESSON TWO:

- Review lesson I **(special days)**.

Activity; i) write the special days

ii) Match special days to their meanings.

L.O.VI.LESSON ONE;

- Understanding the concept of space.

- Describes special relationship using objects, people and the environment.

- identifying objects from one of its own e.g. area of the table.

- Perimeter

T / MATERIAL: – Tins, tables, books, rooms, building, etc.

L.O. VII: Recognizing, describing and using money.

- Identifies types of money and their features.

E.g. using the right vocabulary e.g.

- Give me change not balance.

- Tell the types of money e.g. 50, 100, 200, 500, and 1000

T/ materials – real money

- audio visual aid
- Money cards

Activity: i) Match the same money

ii) Grouping coins

iii) Circle the amount of money drawn

iv) Telling the amount of money drawn

v) Drawing money

vi) Telling the features on the different coins of money.

LESSON TWO:

- Telling the value of money i.e. knowing the amount of money and its value.
e.g. 50, 100, 200, 500, 1000
- 1000 = 2 five hundred notes

T/ material:- Money cards, audio visual aid.

Activity: i) match the same money

ii) Grouping coins

iii) Circle the amount of coins

iv) Telling the amount of money drawn.

v) Drawing money

vi) Telling the features on the different coins of money.