

PRIMARY ONE TERM ONE

MATHEMATICS LESSON NOTES

THEME 1: OUR SCHOOL

Week 1

SUB THEME 1: 1 PEOPLE IN OUR SCHOOL

Lesson 1:

Naming people in our school by the title, name.

The Principal Mr. Opio Fred

The Head teacher Akamplira Daniel

The Class teacher Ms. Nabulya Angel

Grouping people in school by sex

He (man) She (woman)

Head teacher Nurse

Gatekeeper Bursar

Cleaner (Paul) Secretary

Teacher Derrick	Teacher Judith
Comparing similarities ar	nd differences according to shape or height or size;
What is similar about the	se two people?
Head teacher and the C	3atekeeper.
What is different about t	hese two people?
Children role play activit	ies of people in school.
For example	
Cooking food	
Treating the sick	
SUB THEME: PEOPLE IN O	JR SCHOOL
Lesson 2:	
Counting numbers 1-3 us	sing concrete objects.
Pick items in 3s.	
Recite a rhyme.	
Singing a counting song	
There are yellow ducks s	wimming.
N.B	
Counting numbers 1 to 1	0.
Write numbers 1 to 10.	
Lesson 3:	

Counting and writing numbers (1-20)

0 - One

00 - two

000 - three

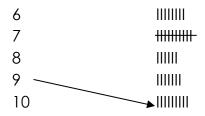
- Sing a counting song

(Three yellow ducks swimming)

SUB THEM: PEOPLE IN OUR SCHOOL

Lesson 4:

- Sing a counting song
- Counting numbers from (1-50) orally
- Count and match with numbers.



Ref: A new Pupils Book 1 Pg

SUB THEME: PEOPLE IN OUR SCHOOL

Lesson 5:

Counting numbers (1-50) orally

Count and write number symbols and their names.

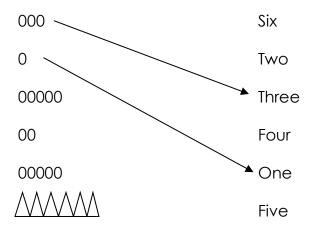
 $\triangle \triangle \triangle$ =3 Three

○ ○ ○ ○ =4 Four

= 5 Five

Ref: A new MK 2000 pupils Book page 15.

Match with number names.



Ref: A new MK 2000 Book 1 page 16

Week 2:

THEME: OUR SCHOOL

Sub theme: 1:2 Things in our school

Lesson 1:

- Name different objects in the classroom.
 Chair, desks, tables, pencils
- Count and write numbers.

SUB THEME: THINGS IN OUR SCHOOL

Children sort/group in class as follows.

- Objects in the class that we use when drawing or writing (chalk, pencil, book, chalkboard)
- Things we can sit on (chairs, desks)
- Objects that you have at school and at home, (tables, chairs, pencils, books)
- Count 1-5 objects and each group reports saying we have four things that help us to write.

N.B:

Circle the odd man out.

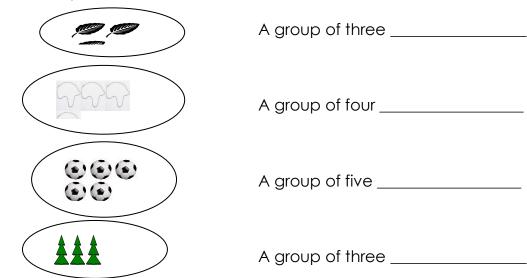
- (a) Pencil, chair, desk, mat.
- (b) Book, chalk, table, pencil.

SUB THEME: THINGS IN OUR SCHOOL

Lesson 2:

- Children count the things they see around the school. For example buildings, trees, people.
- Children in groups collect things of the same kind e.g three leaves, four stones.
- Children name the groups of things they collected.

Count 1-5 objects.



Stones, trees, leaves, flowers.

SUB THEME: THINGS IN OUR SCHOOL

Lesson 3:

Children find out objects which have straight edges, corners, curved edges.

Straight edges: desks, tables, shelf.

Curved edges: cups, pots, crisp containers.

Reference: Understanding mathematics primary 1 Pupils Book 1 page 72 to 73 Count 1-5 (1-20)

THEME: OUR SCHOOL

Lesson 4:

SUB THEME: 1:3 ACTIVITIES IN OUR SCHOOL

Children collect all objects they can find on the ground.

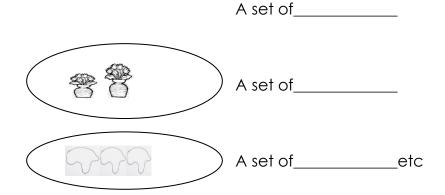
Leaves, stones, sticks, flowers.

<u>Learners make/form new sets</u>



An empty set





Reference: Understanding mathematics Primary 1 pupil Book 1 page 3

SUB THEME: ACTIVITIES IN OUR SCHOOL

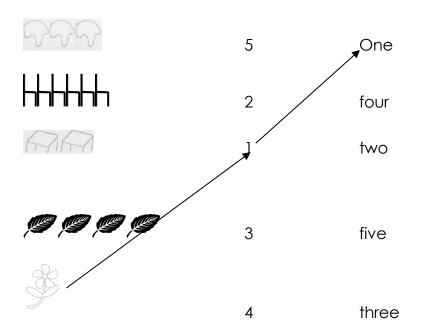
Lesson 5:

Children talk about activities done in our school.

Cleaning, sweeping, washing.

- Which activity is done by fewest children and which one by most children.
- Match the number of people to each activity.
- One child says cleaning the classroom and other says four.

Count and match



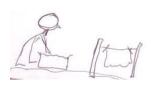
Reference: Understanding mathematics primary 1 pupil's book page 4-9



3 washing



1 sweeping



2 digging

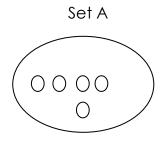
Week 3:

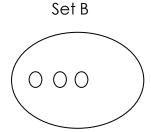
Lesson 1:

SUB THEME: ACTIVITIES IN OUR SCHOOL

Comparing sets

Count the number of members in the set.





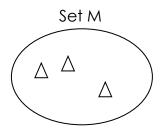
Set A has_____ members.

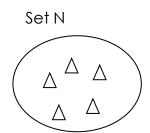
Set B has _____members.

Ref: a new MK Pupils, Book 1 page 19

SUB THEME: ACTIVITIES IN OUR SCHOOL

Compare sets using less than or more than





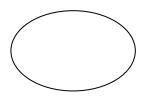
- (a) set M has <u>less</u> members than set N
- (b) Set N has_____ members than set M

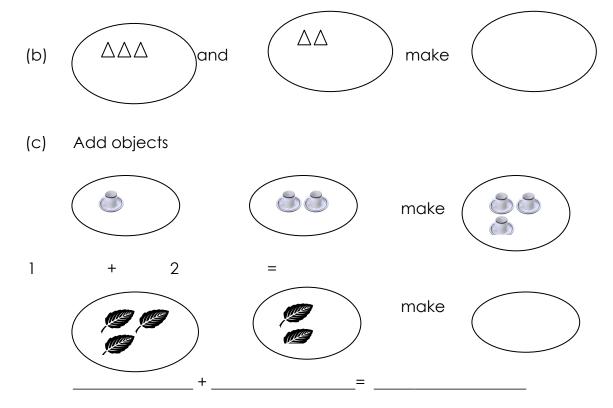
Lesson 2:

Join the sets









- 1. Reference: A new Mk primary Mathematics 2000 pupils book 1 pages 22-24, 26-28, 31-35.
- 2. Understanding mathematics primary 1 pupils book 1 pages 24-29.

Lesson 3:

SUB THEME: ACTIVITIES IN OUR SCHOOL

Counting numbers from (1-40)

Counting twos, threes and fours

Count in twos.

Counting in threes

A new MK Pupils Book 1 page (84-102)

SUB THEME: ACTIVITIES IN OUR SCHOOL

Lesson 4:

Adding one, more orally using concrete objects.

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SUB THEME: ACTIVITIES IN OUR SCHOOL

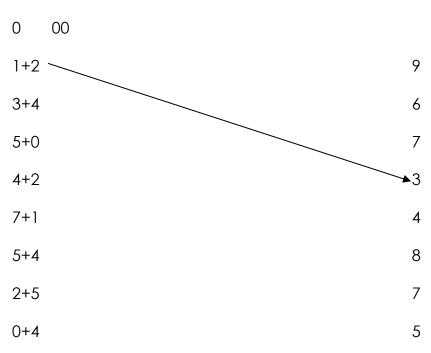
Lesson 5:

Add the objects

Play a guessing game by one leading e.g 3 stones and others guessing where they are. Children take turns to give instructions.

Add

<u>Match</u>



Week 4:

THEME 2: OUR HOME

Lesson 1:

2.1 SUB THEME 2:1 PEOPLE IN OUR HOME

Children group people in home into different groups for example who work at home and people who go out of the home each day to school or go to work.

Name the different people in their home

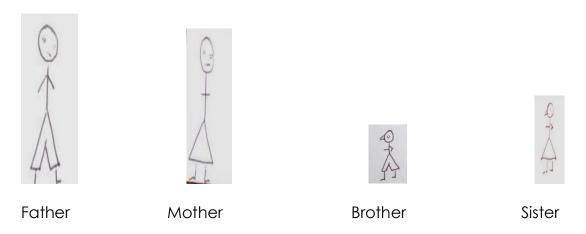
Father, mother, sister, brother.

SUB THEME: PEOPLE IN OUR HOME

- Identify the people in their home according to size and height.

Comparing using bigger than, smaller than, taller than, shorter than

- Children draw four members of their family according to their size.



- Count people in the family.

Father is taller than mother.

- There are_____ members in our family.

SUB THEME: PEOPLE IN OUR HOME

Lesson 2:

- Counting 1-10 (1-30)
- Add up to 5 using concrete objects.

Refer to theme: Our school

Sub theme: Activities in our school for the addition of numbers.

Lesson 3:

SUB THEME: PEOPLE IN OUR HOME

	_	g numbe	r symbols (1-10) ools and numbe		
2	two		7		
5 .		3			
8_			6		
10		9			
1 _		_	4		
Re	ference: under	rstanding	mathematics F	rimary 1 p	oupils Book 1 pages 11-21
1 A	New MK Primar	y mather	natics 2000 pup	oils book 1	pages 11-19
SU	B THEME: PEOPI	LE IN OUR	HOME		
Les	sson 4:				
Сс	ounting 1-10 (1-	50) using	the number ch	art.	
	(a) (b) (c)		ools before and , 1, , 3, , 7, , 9,		
Les	sson 5:				
	2. Ring the big (a) 1 or 4	gger num (b) 5			(c) 1 or 3
	(d) 4 or 2	(e)	10 or 8		(f) 7 or 9
	3. <u>Tick the sm</u>	<u>aller num</u>	<u>ber</u> .		
	(a) 6 or 4	(b)	3 or 5		(c) 1 or 3
	(d) 5 or 2	(e)	4 or 7		(f) 8 or 10

Week 5:

THEME 2: OUR HOME

Lesson 1:

SUB THEME: ROLES AND RESPONSIBILITIES OF FAMILY MEMBERS

- Name different objects according to kind.
- Name the object in a set.
- Introduce time with morning, afternoon, and night time.
- Morning; got up, had breakfast, walked to school.
- Children tell what they do in the morning, what they will do tomorrow morning, afternoon and night time.
- Write activities done at different times.

In the morning, I get up	ln	the	morni	ing, I	I get	up.
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I wash my face.

I take breakfast

I walk to school.

In the afternoon, I play

I go back home.

Leat lunch.

At night time.

I eat supper.

I go to sleep.

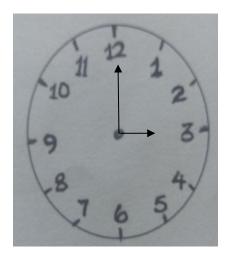
Reference:

- 1. Understanding mathematics primary 1 pupils book 1 page 82
- 2. A New MK Primary Mathematics 2000 Pupil's Book 1 pages 108-120

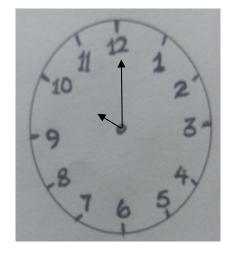
SUB THEME: ROLES AND RESPONSIBILITIES OF FAMILY MEMBERS.

Lesson 2:

Telling and showing time

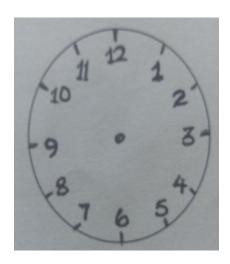


It is ______o'clock

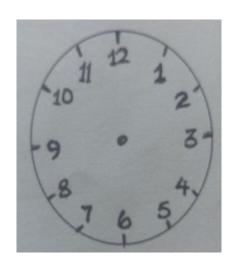


It is _____ o'clock

Show the time



It is **9** o'clock.



It is **10** o'clock

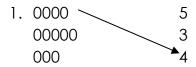
Reference: A New MK 2000 Pupils' Book 1 pages 120-123

SUB THEME: ROLES AND RESPONSIBILITIES OF FAMILY MEMBERS.

Lesson 3:

- Counting 1-10 Orally (1-30)
- Matching number symbols to picture or words.

MATCH



2.	10	twenty
	9	eleven
	20	thirteen
	11	nine
	13	ten

SUB THEME: ROLES AND RESPONSIBILITIES OF FAMILY MEMBERS

Lesson 4:

- Counting 1-10 (1-30)
- Adding up sums using concrete objects

How many are there altogether if 1 add 2 star and 4 stars.

Response: Adding 2 stars to 4 stars equals 6 stars

6 cups and 2 cups equals ____ cups

2 pots and 4 pots equals _____ pots

I book plus 3 books give _____ books

3 plus 2 give _____

4 plus 4 give _____

6 pus 2 make _____

0 plus 7 make	
SUB THEME: ROLES AND RESPONSIBILIT	TIES OF FAMILY MEMBERS
Lesson 5:	
Counting 1-10 (1-30)	
Naming different activities done by f	amily members.
Cooking, washing, sweeping, digging	g.
Matching activities	
Cooking	23
Digging	R
Washing	On the second
Sweeping	A Ital
Fill in the missing numbers	
1, 2,, 5,, 8,,	

11,____,13,______,16,______,19,____.

THEME: OUR HOME

Lesson 1:

SUB THEME 23: THINGS IN OUR HOME

Naming different things found in a home

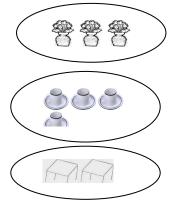
Cups, glasses, plates

Mats, chairs, tables.

Sorting and grouping according to their uses.

Talk about shapes and draw the shapes.

1. Name the sets



This is a set of _____

This is a set of _____

This is a set of _____

Lesson 2:

2. <u>Draw the shapes.</u>

Circle Rectangle

Square Triangle

3. Underline the odd man out

(a)	Cup	glass	chair	plate
(b)	Table	spoon	mat	chair
(c)	Bulb	candle	lamp	dress

Lesson 3:

SUB THEME: THINGS IN OUR HOME

- sorting and grouping things in a home.
- Counting 1-10 (1-30)
- Write number symbols in words.

Count and write in words.

How many are there?



There are _____ balls.

There are _____ chairs.

There are _____ books.

Reference: Understanding Mathematics Primary 1 Pupils' Book 1 Page 20.

Lesson 4:

SUB THEME: THINGS IN OUR HOME

- Naming objects found in a home.
- Counting up to 10. (30)
- Adding objects.

Ann has 4 cups
 Alice has +2cups
 They both have ____cups
 Martha has 5 spoons
 Paul has +3 spoons
 They both have ____spoons.
 Peter has 4 chairs
 John has +3 chairs
 They both have ___ chairs.

Lesson 5:

SUB THEME: THINGS IN OUR HOME

- Naming objects found in a home
- Counting up to 20.
- Adding objects.
- Read and show the working.
- 1. Ali has two balls.

Mary has three balls.

How many balls do they have altogether?

2. Mary has three cups.

Alice has four cups.

How many cups do they have altogether?

3. Stella ate two bananas.

Rose ate four bananas.

How many bananas did they eat altogether?

Week 7

THEME 3: OUR COMMUNITY

Lesson 1:

SUB THEME: 3.1: THE PEOPLE IN OUR COMMUNITY

- Counting people / objects 1-20.
- <u>Children name different people in the community</u>e.g teachers, doctors, nurses, drivers.
- Forming sets

Group people – people who have a job, who have a uniform, who stay at home.

Write number names 1-20

- 1 One 12 twelve
- 11 eleven 13 thirteen etc

Lesson 2:

SUB THEME: PEOPLE INB OUR COMMUNITY

Counting 1-20, for example; one woman, two women, three women.

One person, two people, three people.

Count objects then take away.

$$5 - 2 =$$

$$4 - 0 =$$

8

7

5

6

<u>-5</u>

-4

<u>-5</u>

<u>-0</u>

Lesson 3:

SUB THEME: PEOPLE IN OUR COMMUNITY

- Counting on their fingers and toes as they count up to 20.
- Playing a game of "odd man out" for example;
- Teacher, driver, goat
- House, nurse, doctor.

<u>Take away.</u>

3 take away 1 is _____

7 take away 5 leaves
8 take away 3 equals
6 take away 2 is
7 sticks take away 2 sticks leaves sticks.
5 books take away 3 books leaves books.
Six cups take away three cups leaves cups.
Four pencils take away two pencils leaves pencils.
Lesson 4:
SUB THEME: PEOPLE IN OUR COMMUNITY.
Revise counting 1 -20 (1 -50)
Matching number symbols to number words.
Filling in missing numbers.
i) 1,2,3,,_,6,,8,10 ii) 12,14,15,17,,19,20
<u>Take away</u>
 a) Adam had 7 bananas. He gave away -1 banana Now he has bananas b) Baguma had 5 sweets He gave away -2 sweets Now he has sweets. c) A teacher had 4 books She gave away -2 books Now she has books.
Lesson 5:

SUB THEME: PEOPLE IN OUR COMMUNITY.

Revise counting 1-20(1-50)

Matching exercise of numbers to objects / words.

Counting the objects and the number charts.

Fill in the missing numbers.

Take away

John has five eggs.

He gave two eggs to Tom.

How many eggs were left?

Peter had six books.

He gave four books to James.

How many books were left?

Sarah had four sweets.

She gave two sweets to Mary.

How many sweets remained?

Week 8:

THEME 3: OUR COMMUNITY

Lesson 1:

SUB THEME: ACTIVITIES IN OUR COMMUNITY.

Naming different activities;

Washing, digging, fishing, etc.

Revise the times of the day;

Morning, afternoon, night time.

Understanding Mtc Pri.1 Pupils Bk 1 Pages 80 -81

Telling days of the week.

What day is it today?

What day was it yesterday?

What day will it be tomorrow?

What day comes after Friday?

Name of the days of the week;

Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday.

Lesson 2:

SUB THME: ACTIVITIES IN OUR COMMUNITY.

Measuring capacity of containers.

Find out which one holds more / less than the other.

- A bottle or a jug?
- A cup or a glass?
- A basin or a gourd?
- Which of these containers are full?
- Which are empty?

Lesson 3:

SUB THEME: ACTIVITIES IN OUR COMMUNITY.

Revise counting 1-30

Revise number symbols and number words.

Adding with concrete objects up to 10 (20)

00 0000

Two plus seven is nine. Ten plus one equals ____ Six plus two make _____ Four and three make _____ Lesson 4: SUB THEME: ACTIVITIES IN OUR COMMUNITY. Counting up to 20 (30) Understanding MtcPri. Pupils Bk 1 Page 34. Adding Practice these sums above 10 with their sticks. Make a bundle of ten sticks and then add one. | | | | | | | | 10 and 1 = 11 eleven 10 and 2 = 12 twelve 10 and 10 = 20 twenty10 + 3 = 13 thirteen10 + 5 = 15 fifteen

Lesson 5:
SUB THEME: ACTIVITIES IN OUR COMMUNITY
Counting 1 – 20.
Adding with concrete objects.
Playing missing number game.
4, 5, 6,
Story sums / word problems involving addition.
Understanding Mtc Pri.1 Pupils Bk 1 page 23.
Masibo has three plates.
Atwine has three plates.
How many plates are there altogether?
John has two balls.
Mark has five balls.
How many balls are there altogether?
Week 9:
THEME 3: OUR COMMUNITY
Lesson 1:
SUB THEME 3: 3 IMPORTANT PLACES IN OUR COMMUNITY.
Counting 1 – 20
Naming different places in their community and talk about them.
Schools, hospitals, churches.

- Writing number symbols.
- Matching number symbols to number cards.

Lesson 2:

SUB THEME: IMPORTANT PLACES IN OUR COMMUNITY.

UnderstandingMtcPri. 1 Pupils Bk 1 page 7

Recognizing sets with no members (empty sets)

Draw empty sets.

Introduce 'O' as a symbol and a place holder.

Count the number of members in given sets of which some have no members.

Encounters will be drawn on the floor and in each.



Objects will be put and some will be left empty.

A set of cups

A set with no members

Understanding MtcPri. 1 Pupils Bk 1 Page 16.

Lesson 3:

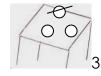
SUB THEME: IMPORTANT PLACES IN OUR COMMUNITY

Recognizing sets with no members.

Count sticks 1 to 5. Then give the five sticks to children and ask the how many you have left. The answer is zero.

The concept of zero

Counting the number of objects remaining whenever one is taken away until they come to zero.



3 oranges on the table. John takes away one. How many are

left?

2 oranges



John takes away one.

How many are left?

Ali takes away one.

1 orange



How many are left?

0 Zero

Lesson 4:

SUB THEME: IMPORTANT PLACES IN OUR COMMUNITY

Counting 1 – 20

Adding sums to 20 showing how to use bundles of ten.

|||||||||||

10 and 4 = 14

10 and 10 = 20 etc.

Call out different sums between 2 and 20 e.g

3 and 9 give _____ 8 and 0 make _____

Lesson 5:

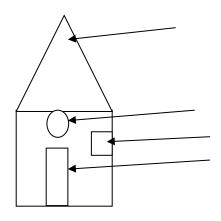
SUB THEME 3: 3 IMPORTANT PLACES IN OUR COMMUNITY.

Matching symbols to domino card (0 -9)

Drawing shapes

triangle rectangle square Circle

Name the shapes



Week 10:

THEME 4: THE HUMAN BODY AND HEALTH

Lesson 1:

SUB THEME: 4:1 PARTS OF THE BODY AND THEIR FUNCTIONS.

Counting 1 – 10.

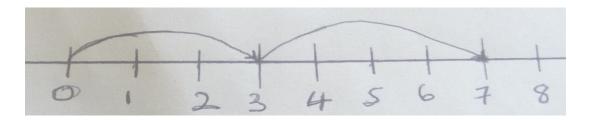
Name the parts of the body;

Ears, eyes, fingers, hands

A finger is part of the hand.

It is smaller than a hand.

Add using a number line.



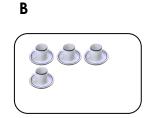
3+4=7

Lesson 2:

SUB THEME: THE PARTS OF THE BODY.

- Form sets of different body parts.
- A set of ears.
- A set of hands.
- Count members in the sets.





Set A has ____ members.

Set B has _____ members.

Compare sets by number of members in each set.

"more than", "less than" same as"

C



D

Set C has _____ set D Set D has _____ set C Set E is the _____ set F. Lesson 3: SUB THEME: THE PARTS OF THE BODY Drawing body parts. Eyes Ears Nose How many altogether? How many legs? How many eyes?

_____+____+___=

Writing number symbols 0 – 15

Lesson 4:

Sub theme: the parts of the body.

- Counting 0 40
- Writing number symbols 16 20 (0 40)
- Name the body parts.

Measure parts of the body using non- standard measures e.g string, stick, hand, span.

Report using the vocabulary;

Bigger, smaller, longer, shorter.

The finger is shorter than the leg.

The head is bigger than the eye.

Lesson 5:

Sub theme 4:2 Personal hygiene

Counting numbers (1 -40)

<u>Telling time according to the months of the year</u>

January
 February
 August
 April
 April
 November

Qn. How many months make a year?

What is the last month of the year?

Reference: A New MK 2000 Pupils Book 1 page 115.

Week 11:

Lesson 1:

SUB THEME: PERSONAL HYGIENE

Count numbers (20-50)

Filling in the missing letters

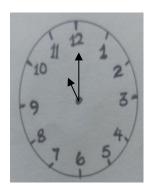
Qn1. What is the 2nd month of the year?

Reference: A New MK 2000 Pupils Book 1 page 115-118.

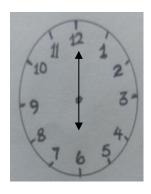
Lesson 2:

SUB THEME: PERSONAL HYGIENE

- Tell the months of the year start with letter J?
- Telling the time

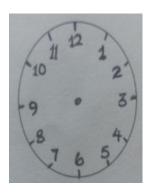


It is _____ o'clock



It is ______ o'clock

Show time



It is 7 o'clock

Reference: A New MK 2000 Pupils Book 1 page 123

Lesson 3:

SUB THEME: PERSONAL HYGIENE

Naming thematerials we use to clean our bodies.

Soap, sponge, towel, brush, tooth brush, basin

Match materials to the words.



Brush



Sponge



Basin



Soap

Lesson 4:

Compare the weight by using heavier or lighter





Soap is _____ than a tooth brush





A sponge is _____ than a basin

Reference: A New MK 2000 Pupils Book 1 page 135-136.

Lesson 5:

SUB THEME: PERSONAL HYGIENE

Adding numbers horizontally

- (a)3+2=5
- (d) 3+2+1= ____
- (b)6+5=11
- (e) 7+3+2= ____
- (c)5+4=9
- (f) 6+3+4= ____

Week 12:

THEME: HUMAN BODY AND HEALTH

Lesson 1:

Sub theme: Diseases

Find the missing number

- (a) 2+3=5
- (b) 4+ 6
- (c) 2+ = 7
- (d) $\boxed{ +3=6}$

Reference: A New MK Pupils' Book 1 page 49-53.

SUB THEME: DISEASES

Mentioning common diseases we know i.e cough, flue, fever, diarrhea

Take away horizontally

(a) 5-2=3

(d) 10-5=

(b) 7-4=3

(e) 9-3=____

(c) 12-3=___

(f) 7-6=____

Count numbers (1-80)

Find the missing number

(a) 5- \Box = 3

(d) 10- =5

(b)7- =3

(e) 9- ==e

(c) 12-=9

(f) 7- =

Reference A new MK pupils' book 1 page 60-61.

Lesson 3:

SUB THEME: DISEASES

Find the missing number

(a) -2=3

(d) \Box - 5=5

(b) ___-3=4

(e) ___-4=5

(c) ____-3=9

(f) __-6=

Reference A new MK pupils' book 1 page 61-62.

Lessons 4 and 5:

Sub theme: Diseases

Counting numbers 1-50

(a) Count in twos



Pattern

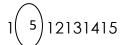
2,4, ___,__,__,__,__,__,___

(b) Count in threes

16171819

(c) Count in fives

12346789



16171819202122232425262728	
2930	
Pattern 5,10,,,,,	