**PRIMARY TWO MATHEMATICS LESSON NOTES FOR TERM TWO 2014**

**THEME: our environment**

**Sub theme: Common animals and birds**

**Content: Writing numbers in words from 200-999**

**Examples**

250 Two hundred fifty

870 Eight hundred seventy

356 Three hundred fifty six

449 four hundred forty nine

**ACTIVITY**

**Write the following numbers in words**

a) 200 b) 217 c) 520 d) 586 e) 406

**Reference: Understanding mathematic book 2 Page 14**

**MK primary mathematics pupils bk2 Page28-29**

**Theme; our environment**

**Sub-Theme: Common animals and birds**

**Content: Writing numbers in figures from 200 - 999**

**Examples**

a)Eight hundred seventy three b)seven hundred nine

c) Eight hundred eighty eight d)Two hundred fifty

e) Six hundred forty three f) Five hundred fourteen

**activity**

1. Six hundred twenty four
2. Nine hundred nineteen
3. Eight hundred three
4. Two hundred one

**Reference : MK primary math pupils book 2 Page 28-29**

**A new Mk primary math 2000**

**Teacher’s guide book 2 page 30-31**

**Theme: Our environment**

**Sub theme: Common animals and birds**

**Content: subtracting 2-3 digit numbers**

**Without re-grouping**

**Examples**

a) 24-11 b) 24 c) 17 d) 85

- 4 - 11 -31

Find the answers to these subtractions

a) 3 7 b) 54 c) 6 2

- 1 5 - 32 - 30

d) 1 4-1 0 e) 8 4-6 3 f) 9 4-6 0

**Reference: MK primary math pupils Book 2 page 26**

**Uganda primary math 2 Page 10**

**Understanding math pupils Book 2 page 26**

**Theme: Our environment**

**Sub-theme: common animals and birds**

**Content: subtracting two digit numbers from two digit numbers with re-grouping**

**Examples**

( a) 82

-34

48

b) 36

-17

19

**Activity**

**Subtract the following numbers correctly**

a)25 b)62 -37 c)90-39 d) 75 -18 e) 86

-16 - 57

**Reference;Uganda Primary Mathematics book 2 page 18-19**

**Mk Primary pupils book 2 page 112-113**

**Theme: Our environment**

**Sub-theme: common animals and birds**

**Content: Subtracting one digit number from two digit numbers with re-grouping**

**Examples**

a) 23

- 7

16

b) 60

-18

42

**Activity**

Subtract the following numbers correctly

a) 42

-4

b) 63

-8

c) 1 2

- 7

d) 53-5= e) 46-9=

**References; Mk Primary maths book 2 page 112 .**

**Uganda primary maths book 2 page 16-17.**

**Theme; Our Environment**

**Sub-theme; Common animals and birds**

**Content; Subtracting three digit numbers from three without re-grouping**

**Examples**

1. 5 2 7 2. 5 6 4 3. 799-271= 7 9 9

- 3 1 3 - 2 3 0 - 2 7 1

2 1 4 3 3 4 5 2 8

Activity

Subtract the following numbers.

1. 4 7 8 2. 7 5 4 3. 4 5 8 4. 2 4 7-1 1 6= 5. 7 8 8-4 6 4=

-3 6 7 -4 3 1 - 3 6

Reference; Longhorn maths practice book2 page 58.

Lets learn maths book 2 page 50-52

Mk primary maths teacher’s guide book 2 page 52.

Theme ; Our environment

Sub theme; Common animals and birds.

Content; Subtracting numbers involving words.

Examples.

1.A boy had 44 sweets. He gave away 8 sweets. How many sweets remained?

4 4sweets

- 8sweets

3 6 sweets

He remained with 36 sweets

2.A pupil had 75 pens. She gave away 31 pens. How many pens remained?

7 5 pens

-3 1 pens

4 4 pens

**Activity**

1.A hen laid 12 eggs.If 2 eggs got broken.How many eggs remained?

2.A farmer collected 2 4 5 eggs and sold 123 eggs .Find the number of eggs that

remained?

3.Jane had 63 bottles. 25 of them broke. How many bottles remained?

4. A teacher had 47 pencils. She gave away 20 pencils. How many pencils were left?

5.Iwant 16 beads for a necklace. I have 9 beads. How many more beads do I need?

**Reference:Mk primary mathematics book 2 page 115.**

**Mk primary mathematics teachers guide bk 2 page 53**

**Uganda primary maths Macmillan bk 2 page16-17.**

**Theme: Our environment.**

**Sub-theme: Common animals and birds.**

**Content: Dividing one and two digit numbers by 2 without the remainder.**

**Examples.**

4÷2=2

18÷2=9

**Activity**

**Divide the following numbers**

1. 10÷2=………
2. 16÷2=………
3. 6÷2=………
4. 12 divided by 2
5. 18 divided by 2
6. 2÷2=……..
7. **2÷1=.......**

**Reference; Undertanding math bk2 pg 45-46**

**Macmillan Uganda pri math bk 2 pg 51**

**MK pri math bk 2 pg 74**

**Theme;Our environment**

**Sub theme;Common animals and birds**

**Content;Dividing 3,4 and 5 horizontally**

**Examples;**

1. 6÷2=2 2. 20÷4=5 3. 15÷5=3

**Activity**

**Divide the following numbers**

1. 21÷3=………….
2. 9÷3=…………..
3. 24÷3=………….
4. 16÷4=………….
5. 8÷4=…………..
6. 4÷4=……….
7. 15÷1=………….
8. 5÷1=…………..
9. 35÷5=………..

**Reference ;MK pri math bk2 pg 76- 80**

**Uganda pri math bk 2 pg 51**

**Understanding math bk2 pg 44-46**

**Lets learn math bk2 pg87-88**

**Theme; Our environment**

**Sub theme; Common animals and birds**

**Content; Long division (one digit number by 2,3 and 4.)**

**Examples.**

a) 2∫4

b)3∫6

c)4∫4

Activity

**Divide the following numbers correctly**

a) 3∫3

b) 3∫9

c) 4∫8

d) 2∫6

e) 2∫8

f) 2∫2

**Reference:Lets learn maths bk 2 page 88**

**Mk maths teachers guide bk2 page 70**

**Theme;Our environment**

**Sub-theme:Common animals and birds**

**Content : Completing division puzzles**

**Examples**

4

2 5

10

4

2 5

10

10 5

10

20÷

I

**Activity**

**1.**

18÷

2

6

3

6

1

**Reference; Understanding math bk2 pg49**

**Theme; Our environment**

**Sub theme; Common animals and birds**

**Content; Completing division tables**

**Activity**

**Complete the division table correctly.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ÷ | 1 | 2 | 3 | 4 |
| 20 |  |  |  |  |

**Reference ; MK pri math bk 2 pg 86**

**Understanding math bk 2 pg 49**

**MK pri math Teachers guide bk 2 page 77-78.**

**Theme: Our environment**

**Sub-theme: Common animals and birds**

**Content: Division of numbers involving words.**

**Examples**

1. Divide 15 by3

15÷3=5

1. 7 monkeys shared 35 bananas equally. How many bananas did each get?

35÷7=5

1. Share 12 mangoes equally between Anna and Mary. How many mangoes will Anna get?

Anna will get 6 mangoes.

4 . Distribute 18 apples among 6 girls.

18÷6=3

Each girl will get 3 apples.

5. What is ½ of 10 oranges?

½ of 10 oranges is 5 oranges

**Activity:**

1.5 baboons shared 20 bananas among themselves equally.How many bananas will each baboon get?

2. Divide Share 4 oranges equally between 2 children.

3. Share 16 pencils equally among 4 boys.

4 .Share 15 books equally among John,Ritah and Tom. How many

books will John get?

5.What is ½ of 8 cups?

**Reference:Mk primary mathematics bk 2 page 75-83.**

**Uganda primary maths bk 2 page 38.**

**Mk Teachers guide book 2 page 70.**

**Understanding maths book 2 page42-43.**

**Theme:Our environment**

**Sub-theme:Common animals and birds.**

**Content:Fractions(Naming fractions)**

**A fraction is a part of a whole.**

**Examples.**

A whole=1 A half = **½**  A fifth = **1/5** A third = **1/3**

**Activity**

**Name the following fractions**

1. ½
2. ¼
3. 2/3
4. 1/5
5. 1/3
6. ¾

**REFERENCES ;MK pri Mtc bk2 pg 89-90**

**Mk tr’s guide bk2 pg 81-82**

**Und mtc bk2 pg 51**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;Drawing fractions**

a) **½**

b) **2/5**=

**Activity**

Draw the following fractions

1. 2/4
2. 4/5
3. 1/3
4. 2/7
5. 1/5
6. ½
7. ¾
8. ¾

**References ;Mk pri mtc tr’s guide bk2 pg 87-88**

**Mk pri mtc bk2 pg 92-93**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;naming shaded fractions**

**Examples**

Name the shaded fractions

**References ; Mk pri mtc bk2 pg 93**

**Und mtc bk2 pg 54-55**

**Mk pri mtc bk2 pg 89**

**Longhorn mtc practice page 43**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;comparing fraction using greater or bigger and smaller or less**

**Examples**

Which fraction/circle is the bigger fraction

**Circle the bigger fraction**

1. ½ or 1/3
2. 1/5 or 1/6
3. ¼ or 1/6
4. ¼ 0r ½
5. 1/8 or 1/5
6. 1/10 0r 1/7

**REFERENCES;Mk pri mtc bk2 pg 96**

**Und mtc bk2 pg 56-57**

**Mk pri tr’s guide pg 87**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;comparing fractions using smaller**

**Examples**

1. 1/5 or 1/5

2. 1/5 is smaller than 1/3

2. 1/3 or ¼

**Activity**

Which fraction is smaller?

1. 1/3 or 1/6
2. 1/5 or ¼
3. ¼ or 1/6
4. 1/5 or 1/6
5. 1/8 or ¼
6. 1/3 or ½

**REFERENCES;understanding maths pri 2 bk 2 pg56-57.**

**Mk pri maths bk2 pg 96-97**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;Ordering fractions in ascending and descending order**

**Examples**

Order these fractions in ascending order

1. **½ ,1/3 , ¼ = ¼ ,1/3, ½**

Order these fractions in descending order

**1/8 ,1/6,1/4=1/4,1/6,1/8.**

**Activity**

Arrange the following from the smallest to the biggest.

1. ½, 1/3, 1/5.
2. ¼, 1/8, 1/10
3. 1/3, 1/6,1/8
4. 1/7, 1/6 ,1/10

Arrange the following fractions from the biggest to the smallest

1. 1/10 , 1/8 , 1/6
2. ¼, 1/3, ½
3. ½ ,1/4, 1/3

**REFERENCES.; Und mtc bk2 pg 57**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;addition of fractions**

**Examples**

1 .¼ +2/4

2.2/7 +3/7

3.3/8+2/8

4.1/4+2/4

5.1/2+1/2

6.5/8+3/8

**REFERENCES; Mk pri mtc tr’s guide bk2 pg 89**

**Longhorn mtc pri practicebk2**

**Mk pri book 2pg 75**

**Theme; Things we make**

**Sub theme ;Materials used for making things**

**Content ;subtraction of fractions**

**Examples**

Subtract the following fractions correctly

a)4/5-2/5=2/5

b) 9/10-3/10=6/10

**Activity**

1. 2/4-1/4=
2. 9/10-6/10=
3. 6/7-4/7=
4. 8/12-4/12=
5. 5/8-3/8=
6. 10/15-6/15=

**REFERENCES; Mk mtc bk2 pg 105-8**

**Theme; Things we make**

**Sub theme ; Materials used for making things**

**Conten ; more about fractions**

**Examples**

1. Find the sum of 7/15 and 4/15=11/15
2. A boy had 5/6 of a cake .He ate 2/6 of it. What fraction remained?

5/6-3/6=2/6

**Activity**

1. What is the difference between 4/8 and 2/8
2. Find the sum of 4/7 and 2/7
3. Jane dug 3/10 of a garden and Deo dug 4/10.What fraction did they dig altogether?
4. Fausta had 5/8 of an apple. She gave 2/8 of it to Amos .What fraction of an apple was she left with?
5. I walked 4/9 of a journey and run 3/9 of it.What fraction did I cover altogether?

Theme; Things we make.

**Sub theme ; importance of things we make**

**Content ; division of fractions**

**Examples**

a) What is a half of 10 mangoes

1. mangoes

b) What is ¼ of 8 apples?

2 apples

**Activity**

1. Work out the following fractions

a) ¼ of 20 books

b) What is ½ of 16 mangoes?

c) What is 1/5 of 15 pan cakes?

d) 1/7 of 14 pencils is ?

e) What is 1/3 of 12books?

f) A girl had 20 sweets. She ate ½ of them.How many sweets did she eat?

**REFERENCES; ug mtc bk2 pg 47-49Ug pri mtc new edition pg 50-52**

**Theme; Transport in our community**

**Sub theme ; Means and uses of transport**

**Content ; Addition of algebra**

Examples

2 +3=5

7 +2=9

**Activity**

Fill in the missing numbers

2 += =6

+4=6

+3=6

**Theme: Accidents and road safety**

**Sub theme: Managing accidents**

**Content: Subtraction and addition in algebra.**

Fill in the missing numbers

1. + 3

9

1. +5= 7
2. 7 + = 14
3. 3 4 2

+

4 6 5

1. 1 6



1 4

**Reference: Understanding Mathematic book 2 pg 58**

**E.A.E.P Primary Mathematics bk2 pg 49**

**Theme: Accidents and road safety**

**Sub theme: algebra**

**Content: multiplication algebra**

**Examples**

4 X 3 = 12

2 x 5 = 10

**Activity:**

1. 2 x =8
2. 4 x =20
3. X 2=10
4. X 3= 9
5. 5 x =15
6. 10 x 2 =

**Ref: Mk prim Maths bk2 pg 102-103**

**Theme; Accidents and road safety.**

**Sub theme: Algebra**

**Content: Division of algebra**

**Examples.**

8

÷2=4

5

÷5=1

**Activity:**

Divide the following numbers correctly

1. ÷5=3 5 . ÷6=1
2. ÷2=6 6 . ÷ 5=4
3. ÷3=4 7 ÷4=4
4. ÷3=2

**Theme: Accidents and safety**

**Sub-theme: Algebra**

**Content: Division of algebra**

**Examples**

1.6÷ 2 =3

2.15÷ =3

3.18÷ =6

**Activity**

Divide the following numbers correctly

1. 4÷ =1
2. 16÷ =2
3. 10÷ =2
4. 20÷ =5
5. 9÷3=
6. 24÷ =6

**Reference: MK primary mathematics pupils book 2 page 105**

**Uganda primary mathematics pupils book 2 pg 34**

**Theme: Transport in our community**

**Sub-theme: Road safety**

**Content: Multiplication by 2 and 3 horizontally and vertically**

**Examples**

1. 2x1=2 (two groups of one)
2. 3x4=12(three groups of four)
3. 4

X 3

12

**Activity**

1. 3x4=
2. 2x3=
3. 2x3=
4. 2x12=
5. 10x3=
6. 8x3=

**Reference: MK primary mathematics pupils book 2 page 42-47**

**Theme: Transport in our community**

**Sub-theme: Road safety**

**Content: Application on multiplication on numbers by 2 and 3**

Examples

1. A fly has 2 wings. How many wings will 3 flies have?

2 wings x 3 flies=6wings

1. A stool has 3 legs. How many legs will 4 stools have?

3 legs x 4stools=12 legs

**Activity**

1. One boy has 2 legs. How many legs do 12 boys have?

2. There are 3 eggs in each nest. How many eggs are in 7 nests?

3. Work out 3 twos

4. How many ears do 4 boys have?

5 . Find 3 groups of fives.

**Reference: MK Primary mtc pupils bk2 pg 44-48**

**THEME: Transport in our community.**

**SUB-THEME: Road safety.**

**Content: Multiplication by 4 and 5**

**Examples.**

1. Multiply 4 x 5

4 x 5 = 20

1. Find the product of 4 and 3

4 x 3 = 12

**Activity**

1. A car has 4 tyres. How many tyres do 5 cars have?
2. How many legs do 4 cows have?
3. Find 5 groups of 2
4. There are 5 toes on each foot. How many toes will 8 feet have?

**Reference: MK Primary mathematics pupils bk 2 pg 51-55**

**THEME: Accidents and First aid.**

**SUB- THEME: Road safety**

**Content: Interpreting information on picto- graphs**.

The picto graph below shows the number of tins of soda taken by P.2 children

|  |  |
| --- | --- |
| Monday |  |
| Tuesday |  |
| Wednesday |  |
| Thursday |  |
| Friday |  |
| Saturday |  |

1. How many tins were taken on Monday?
2. How many tins were taken on Tuesday and Friday altogether?
3. On which day was the most number of tins taken?
4. How many more tins were taken on Saturday than Wednesday?
5. How many tins were taken for the six days altogether?

Reference: A new MK mathematics bk 2 pg 65-68

**THEME: Accidents and road safety.**

**SUB-THEME: Road safety.**

**Content . Interpreting information on a bar graph.**

The graph below shows the number of cars seen by some children at the bus stage.

**Questions:**

1. Who ate 20 eggs?
2. How many eggs did Dan and Jojo eat altogether?
3. John ate ……………….eggs.
4. Who ate the most number of eggs?
5. How many more eggs did Jojo eat than Joy?

**THEME: Accidents and First aid.**

**SUB-THEME: First aid.**

**Content: Measuring length using non- standard units.**

Non-standard units:

Hand spans, arm spans, foot marks, strides and arm length.

Children will practically measure objects.

**Reference: MK Primary mathematics bk 2 pg 135**

**E.A.E.P Primary mathematics bk 2 pg 56-57**

**THEME: Accidents and First aid.**

**SUB-THEME: First aid.**

**Content: Measuring length in metres.**

The standard units for measuring length is metres.

Practical work.

Measure different things using a chalk board ruler.

Eg. Walls, floor, chalk board, tables

**Reference: MK Primary mtc bk 2 pg 136-137**

**THEME: Accidents and safety.**

**SUB- THEME: Road safety.**

**Content: Adding length in metres**

**Examples**

Add 23 metres and 16 metres

23 m

+16 m

39 m

Activity

Add the following meters

a) 30 m b) 66 m

+ 28 m +32 m

1. 39 m d) 9 m+4m+2 m

+ 10 m

**Reference : MK Primary mathematics pupils bk 2 pg 140**

**THEME: Accidents and safety**

**SUB-THEME: Road safety**

**Content: Comparing capacity.**

**Example**

B

A

1. Which container holds more water?
2. Which container holds less water?

**Activity**

Photocopied work from MK Primary mathematics bk 2 page 148

**Theme: Transport in our community**

**Sub theme:Means and uses of transport.**

**Content:Multiplication by 6**

1. 6×2=12
2. 5

X 6

30

3. 2 1

X 6

1 2 6

**Activity**

Multiply the following numbers correctly

1. 1 2. 2 1 3. 5 0

X6 x 6 x 6

4. A fly has 6 legs . How many legs do 3 flies have?

**Ref: Mk prim maths bk2 pg 56-57**

**Theme: Transport in our community.**

**Sub theme: First aid**

**Content: Expanding numbers**

**Writing numbers in expanded form**

**Examples.**

1. 623=600+20+3
2. 48=40+8
3. 105=100+5

**Activity;**

Write the following numbers in expanded form

1. 369=
2. 666=
3. 204=
4. 880=
5. 973=

Which number has been expanded to give ?

a] 100+60+8= f) 10+6=

b] 600+80+1= g)20+8=

c)700+00+9= h) 900+60+0=

d)900+90+9=

e)400+50+3=

**Ref: Mk prim maths pupils bk 2 pg 31-32.**

**END**