PRIMARY ONE LESSON NOTES

MATHEMATICS TERM

TWO

THEME: WEATHER

SUB THEME: TYPES AND ELEMENTS OF WEATHER REF:

MK MTCS PAGES 27-28.

WEEK 1;

MON:

Add the numbers whose sum is less than 20 vertically.

Count 1 to 40

9	11	14	12
+5	+6	+0	+8

7	8	13	0
+11	+8	+0	+9
___	___	___	___

TUE:

Counting 1-40

Adding numbers whose sum is less than 20 vertically

REF: MTCS PAGES 33-34

REF: MK MTCS PAGE 4

6	9	8
5	2	0
+2	+4	+7
___	___	___
___	___	___

WED:

COUNT AND WRITE 1-40

IDENTIFYING NUMBER SYMBOLS

┼┼┼┼┼┼┼┼ ////

10   and   4   =

####### //////

10   and   6   =

#######   /

10   and   1   =

#######   ///

10   and   3   =

THUR:

WRITE THE NUMBER NAMES AND SYMBOLS 0-30

14 fourteen   15

16   13

17   12

20   11

19

18

FRI:

Counting 1-40

Match the names and the symbols

15	nineteen
18	fifteen
19	eighteen
13	thirteen
20	twenty etc

Sub- theme two: Activities for different seasons

Week 2

Circle the multiples of 2

1   2 3 4 5 6 7 8 9 10

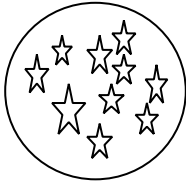Fill in the gaps

2   4   6   ____ ____ ____

 Mon:

ACTIVITIES FOR DIFFERENT SEASONS

- Counting 1 to 50
- Writing number symbols 1 to 50 Group the objects in

 tens

///////// ///////// /////////

3   groups of 10 sticks   =   3 tens = 30
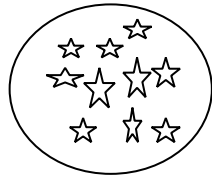
_____ groups of 10 stars = _____ tens = _____

//////// ///////// ///////// ///////// ////////

_____ groups of 10 sticks = _____ tens = _____

TUES:

COUNT IN TENS

//////// //////// //////// //////// =   _____ tens

//////// = _____ten

//////// //////// //////// = _____ tens

//////// ////////   = _____ tens

//////// ////////   = 2 tens = 20

////////   = _____ tens = _____

//////// //////// ////////   = _____ tens = _____

WED:

////////

10   = 10 ten

////////   ////////

10 + 10 = 20 twenty

ℋℋℋℋℋℋℋℋ/ ℋℋℋℋℋℋℋℋ ℋℋℋℋℋℋℋℋ ℋℋℋℋℋℋℋℋ

10   +   10   +   10   +   10   = _____ _____

ℋℋℋℋℋℋℋℋ/ ℋℋℋℋℋℋℋℋ ℋℋℋℋℋℋℋℋ

10   +   10   +   10   = _____ _____

THUR:

Draw the bundles (TENS)

10   =   ┼┼┼┼┼┼┼┼┼┼   4 tens =

20   =   ┼┼┼┼┼┼┼┼┼┼   ┼┼┼┼┼┼┼┼┼┼| 2 tens =

30   =   3 tens =

50   =   1 ten =

40   =

┼┼┼┼┼┼┼┼┼┼   ┼┼┼┼┼┼┼┼┼┼ ┼┼┼┼┼┼┼┼┼┼| = 30

┼┼┼┼┼┼┼┼┼┼   ┼┼┼┼┼┼┼┼┼┼ = 20 etc

FRI.

WRITE THE NUMBERS

1 ten = 10

3 tens = 30

4 tens =

2 tens =

5 tens =

6 tens=

9 tens =

WEEK 3:

ACTIVITIES FOR DIFFERENT SEASONS.

MON:

Write the number names

 2 tens = twenty

1 ten = ten

4 tens=

6 tens=

8 tens=

5 tens=

TUE:

HOW MANY TENS AND ONES?

/######/   ######## ######## //

_____tens _____ ones = _____

######## /////

 _____tens _____ones = _____

卌卌 ||||

_____tens_____ones = _____

卌卌 卌卌

_____tens _____ ones = _____

WED:

FILL IN TENS AND ONES.

45 = _____ tens_____ones

90= _____tens_____ones

56=_____ tens _____ones

88= _____ tens _____ones

6 tens 8 ones= _____

4 tens 9 ones= _____

7 tens 7 ones= _____

1 tens 2 ones= _____etc

_____ Tens _____ones =24

_____Tens _____ ones=30

_____ Tens _____ones=17
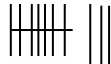
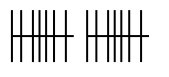_____Tens _____ones=99

_____ Tens _____ones=58

THURS:

WRITE THE NUMBER

卌 卌 /// = 23

卌 ||| = _____

卌 卌 /// = _____

卌 卌 //// = _____

FRI

Tens	Ones	=45
4	5	

tens	Ones	= _____
9	0	

tens	Ones	= _____
1	3	

tens	Ones	= _____
4	4	

WEEK 4

Effects and management of weather.

Mon:

What number is shown on the abacus?

Tens	Ones		Tens	Ones		Tens	Ones

Tens	Ones		Tens	Ones		Tens	Ones
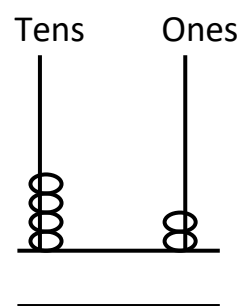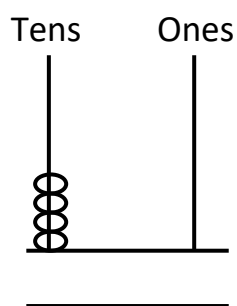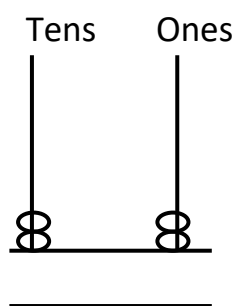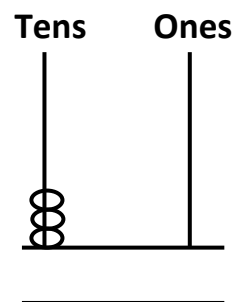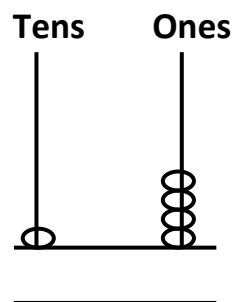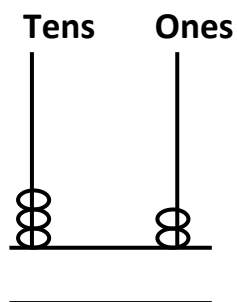
TUE:

Show the number on the abacus

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
1	4	2	4	2	2	3	5

Tens	Ones	Tens	Ones	Tens	Ones	Tens	Ones
4	0	1	6	2	3	5	0
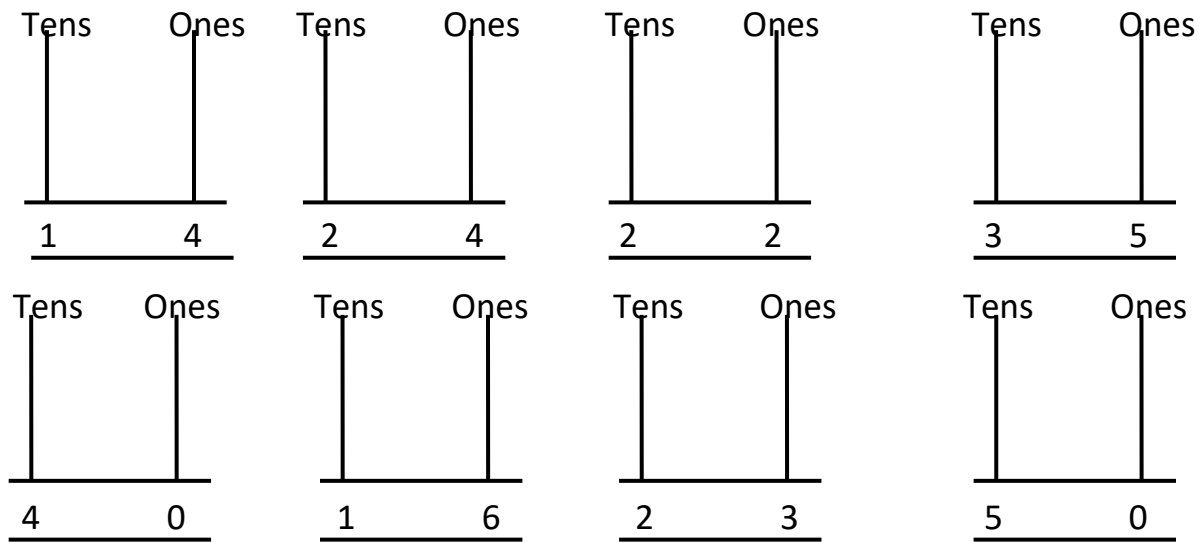
SUB THEME: EFFECTS AND MANAGEMENT OF WEATHER WED:

GROUP OBJECTS IN TWOS

2 sets of twos = 2 twos = 4

_____ sets of twos = _____ twos = _____

3 sets of twos = _____ twos = _____ **THUR:**

COUNT IN TWOS

3 twos = 2 +2+ 2 =6

4 twos = 2+2+ 2+ 2= _____

2 twos = 2 +2 = _____

9 twos= 2 +2+2+2+2+2+2+2 = _____

2+2+2+2 = 4 twos = 8

2+2+2+2+2=_____ twos = _____

2+2+2 = _____ twos = _____

2+2 =_____ twos = _____

FRI:

ADD AND MULTIPLY

MULTIPLICATION AS REPEATED ADDITION

00
 2 = 2   = 1x2=2

2+2 = _____ = 2x2= _____

2 + 2+ 2 = _____ 3x2 = _____

00 00   00   00 00

2 + 2 + 2 + 2 + 2= _____5x2=_____

00 00   00   00

2 + 2 + 2 + 2= _____ 4x 2= _____

WEEK 5

EFFECTS AND MANAGEMENT OF WEATHER MON:

1 x2 =2

2 x 2=

3 x2=

4 x2=

5x2=

6x2=

7x2=

8 x2=

9 x2= etc

Count in twos

2, 4, 6, _____, _____, _____, _____, _____

THEME: Accidents and safety Sub theme:

accidents and safety at home TUE:

Add

| 4 +2 = | 9 +11= | 8+0= | 5+5= |
| 4+ 3+ 7= | 8+2+5= | 6+2+6= | 9+0+2= |

```
  6          8          2
  3          0          0
 +2         +5         +0
 ____       ____       ____
 ____       ____       ____
```

WED:

Subtract

5-5 =   7-0 =   8-4 =   13-9 =

10   5   13

-5   -0   -8
____
____   ____

____

THUR:

ADDITION AS COMMUTATIVE

||| || || |||

3 + 2 = 5 and 2 + 3 =5

9 + 6= _____ and 6 + 9 = ____

5 + 4= ____and 4 + 5 = ____

12 +10= ____ and 10 +12 = ____

4 +14= ____ and 14 +4 = ____

etc

FRI:

ADD USING A NUMBER LINE

```
+---+---+---+---+---+---+---+
0   1   2   3   4   5   6
```

3 + 2 = 5

```
|    |    |    |    |    |    |
0    1    2    3    4    5    6
```

3 + 1 = _____
```
|    |    |    |____|    |    |
0    1    2    3    4    5    6
```

6 + 2 = _____
```
|    |    |    |    |    |    |
0    1    2    3    4    5    6
```

3 + 4 = ____
```
|    |    |    |    |    |    |
0    1    2    3    4    5    6
```

2 + 2 = ____
```
|    |    |    |    |    |    |
0    1    2    3    4    5    6
```
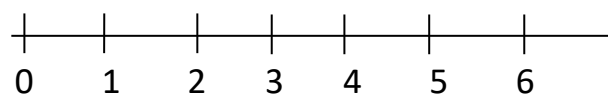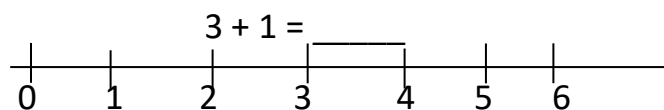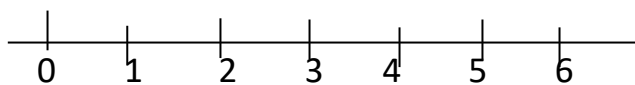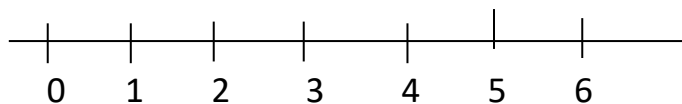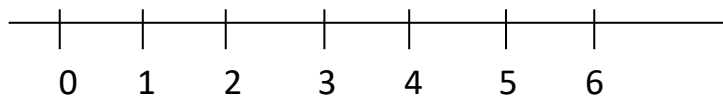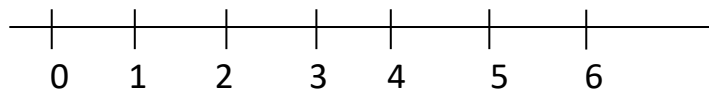
WEEK 6:

SUB THEME: ACCIDENTS AND SAFETY ON THE WAY.

MON:

CLASSIFY ACCIDENTS

Sting   bites   drowning   electric shock

Counting from 30 to 60

30, 31,____ , ____ , ____ , ____ , ____ , ____ , ____, ____, ____ , ____

Writing numbers in words

31- thirty one

TUE AND WED:

Add numbers vertically whose sum is less than 40 without carrying

THUR.

Measure using ropes, strides MK

MTCS page 272

a)The field
b)The classroom
c)The verandah

Measuring capacity MK MTCS pages 100-202

FRI:

CAPACITY PAGE 274

Measure water using different containers of different capacity. Which holds more or less?

WEEK 7:

MON:

Multiplication table of 2.

$1 \times 2 =$

$3 \times 2 =$

WEEK 7:

SUB THEME:

ACCIDENTS AND SAFETY AT SCHOOL AND IN CLASS TUE

AND WED:

5 pencils take away 2 pencils equals _____ pencils

6 pots take away 4 pots leaves _____ pots Four cups take away

   two cups equals _____ cups

Five books take away five books leaves _____ books.

THUR AND FRI

READ AND SHOW THE WORKING

1.Benita had 4 cups. She gave two cups to Mary.

How many cups were left?

2.Okari had six pencils. She gave 5 pencils to Agaba.

How many pencils did she remain with?

3.Drali had 4 hats. He gave 2 hats to John.

How many hats were left?

4.Nakazzi had 7 flowers. She gave 4 flowers to Kirabo

How many flowers did she remain with?

WEEK 8 MON:

REVISION OF VERTICAL AND HORIZONTAL SUBTRACTION E.G

10	9	4		8-5=
-2	-3	-0		12-6=

11-2=

TUE

MATCH NUBER SYMBOLSB TO NUMBER NAMES

9   Twenty

12   sixteen

20   twelve

3   nine

16   three

Write the number names

35 _____

42_____

44_____

66_____

40_____

45_____

WED

Measure the length and width of the class room using feet, strides and hand spans.

THUR

THEME: LIVING TOGETHER

SUB THEME: THE FAMILY

Draw sets of Chris' family members e.g
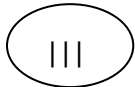
Rose   Ketty   Peter

FRI

Write number names eleven to fifteen

Fill in the missing numbers.

41, _____,43,_____, _____, 46, _____, _____,49,50

WEEK 9 MON:

Writing number symbols 60 to 100

TUE: Writing the number names

60 Sixty

62 _____

63_____

70_____

74_____

75_____

WED AND THUR

SPIDER GAME

2 + 14=   1 + 15=
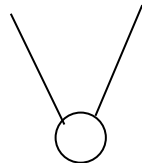
4 + 5 =   8 + 8=

FRI:

Add horizontally

4 + 5=   6 +5=

9 + 0=   0 + 10=

4+ 5+5=   6 + 2+3=

9+ 2+4=   8 +8 +4=

5+ 7+3=   2 + 2 + 2=

WEEK 10

MON AND TUE

READ AND SHOW THE WORKING

1. Hood has two cups Jane
   has 4 cups.
   How many cups do they have altogether?

2. Namuli has 5 Pencils
   Annet has 5 pencils.
   How many pencils do they have altogether?

3. Ssegawa has 2 balls Kato
   has 3 balls.
   How many balls do they have altogether?

SUB THEME: WAYS OF LIVING TOGETHER IN SCHOOL

WED

WRITE NUMBER SYMBOLS 0-40

   a) 31, 32,____ ,34,____,36.

   b) 17,16,15,____,13,____,11,____

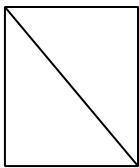**Refer to word problems involving addition**

Teachers guide page 296

THUR

Name halves and quarters
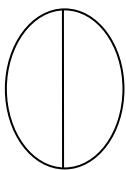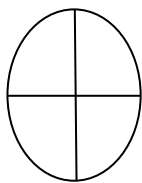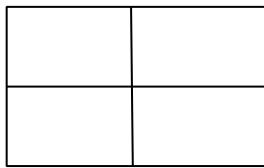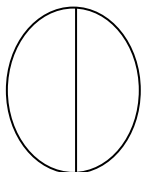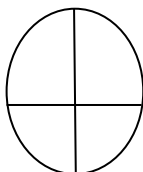
Half   quarter

_____   _____

FRI

Shade the given fraction

½   ¾

2/4

¼
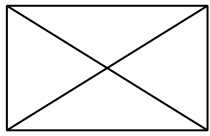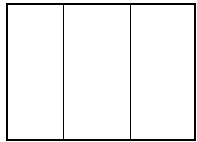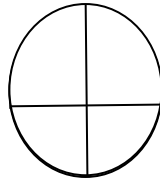
1/3

WEEK 11

MON
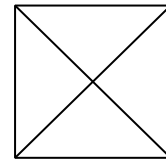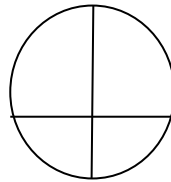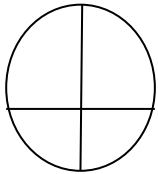
What fraction is shaded?
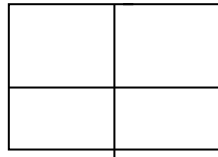
TUE:

Put together to make a whole

 =
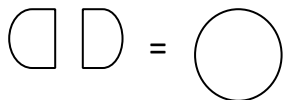
WED

Add the fractions

$\frac{1}{2} + \frac{1}{2} =$ $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$ $\frac{1}{3} + \frac{1}{3} =$ e.t.c

SUB THEME: WAYS OF LIVING TOGETHER IN THE COMMUNITY THUR:
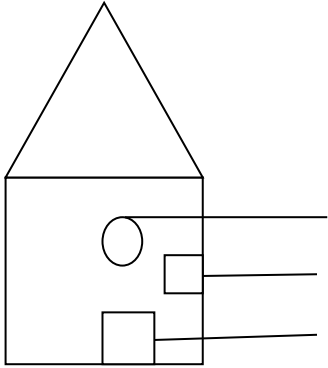
Draw the shapes.

    Circle   square   rectangle   triangle

Identifying different objects in terms of shapes

FRI

Measuring length (compare length using longer or shorter)

Ref; MK MTCS pages 99-100

WEEK 12

MON

Count in 10's

10,20,__, __, __,70, __, __,100

Multiplying by using repeated addition as in sub theme – effects and management of weather e.g.

2 + 2 + 2 =6   3 x 2 =6

2 + 2 = 4   2 x 2 =

2 + 2 + 2 + 2 =   4 x 2 =

TUE

Multiply by 10

2   x 10=   1 x 10=   4 x 10=   6 x 10=   etc

WED

3   5   7   8

X10   x10   x10   x10
_____   _____   _____   _____

THEME: FOOD AND NUTRITION

SUB THEME: NAMES AND SOURCES OF FOOD

THUR

Count in tens up to 80

Number symbols 61-100

Ref: MK MTCS PAGE 56

Match the number symbols to number names 16-20

FRI   Tens   ones

```
|++++++++  |++++++++                        2        2        ||

|++++++++  ++++++++|  ++++++++|    +3_____  4_____      ||||
                                           _____
```

Tens	ones	Tens	ones	Tens	ones	Tens	ones
4	1	1	4	2	0	1	5

```
_____   +3    2   +1_____4    _____+2    4_____
_____   +3    0   _____    _____    _____
```

Write the number names up to 20

Ref.MK MTCs page 73

MON:

SUBTRACT TENS AND ONES

```
   Tens     ones

    3        2

   -2_____1

      _____
```

Tens	ones	Tens	ones	Tens	ones	Tens	ones
4	1	2	0	3	4	5	5
-2	2	-1	0	-1	0	-2	2

```
_____    _____    _____    _____

_____
```


SUB THEME: USES OF FOOD TUE:

- Talk about the different types of meals in a day • Talk about the different tie s for meals
- Add up to 70 without regrouping e.g.

```
  2  0      4  0      2  5      5  0
+3  2     +3  0     +1  3     +2  0
───────   ───────   ───────   ───────
```

WED:

```
  2  0      4  0      2  5      5  0
-1  0     -2  0     -1  0     -1  0
───────   ───────   ───────   ───────
```

Ref. MK 72

Words problem scheming involving subtraction vertically (story sums) **THUR:**

Sub theme: keeping food safe

Count in 3's

$$|||\quad|||$$

2 three ────── =   3+3=6

         ────── 4   three=   ──────   3+3+3+3=

         ────── 5   three=   ──────

         ──────   3+3+3+3+3=   ──────

3 three=   3+3+3=

FRI:

Multiply by 3

| | |

1   x 3=3

| | | | | |

2   x 3=6

3   x 3=

5   x 3=

4 x 3=

6 x 3 =

Circle the multiples of 3

1   2   ③   4   ⑤ 6   7   8   9   10   11   12

Count in 3's

3 6 9 , , , ,

Ref: MK MTC Page 66 MON:

**WORD PROBLEM INVOLVING MULTIPLICATION**

1. How many hands do 4 children have?
2. How many eggs are in these nests?

3. Each girl has 3 books. How many books do 8 girls have?
4. How many wheels do 4 bicycles have?

TUE:

Measuring weight ref. MK MTCS PAGE 103

Using non standard measures like cups, jugs, plastic bags, children compare weight of different items such as salt, beans, sand and stones.
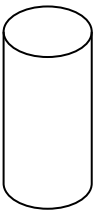
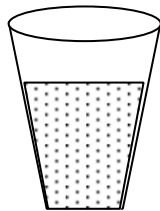Write "heavier" or: "lighter"
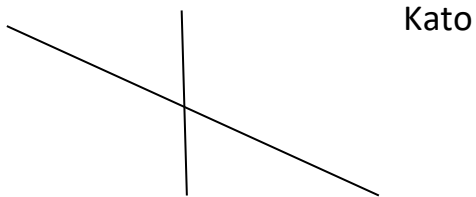
Kato

Odong

Kato is_____ than Odong

Odong is_____ than Kato

Jug   BUCKET

A jug is _____ than a bucket

A bucket is _____ than a jug