Primary One Mathematics Scheme of Work

| Wk | Pd | Theme | S. Theme | Content | Competence | Methods | Activity | L/skill | T/l aids | Ref | Rmks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | $\begin{aligned} & 1 \\ & \& \\ & 2 \end{aligned}$ |  |  | Multiplication of one digit number table 2 <br> Example $2 \times 1=2$ $2 \times 4=8$ | Multiples Counts Draws groups |  |  |  |  |  |  |
|  | 3 |  |  |  | Multiples correctly Counts <br> Draws groups correctly |  |  |  |  |  |  |
|  | 4 |  |  | Table 3 <br> Multiplication of one digit numbers. <br> Examples <br> Examples <br> $\begin{aligned} \text { (○) (-) } & \\ 2 \times 1=3 & \times 2=6\end{aligned}$ $\begin{aligned} & \circ \times 8= \\ & 3 \times 3= \end{aligned}$ | Multiplies correctly <br> Draws groups <br> Counts correctly |  |  |  |  |  |  |


| Wk | Pd | Theme | S. <br> Theme | Content | Competence | Methods | Activity | L/skill | T/l aids | Ref | Rmks |
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| 3 | 1 | OUR <br> TRANSPO <br> RT | Money |  | Reads <br> Counts <br> Subtracts <br> Writes <br> Studies the list <br> Reads <br> Answers <br> Questions | Guided discovery Guided discussion | Reads <br> Counts <br> Subtracts <br> Reading <br> Calculating <br> Answering | Creative thinking <br> Critical thinking <br> Self awareness sharing | Money <br> Shop | M.K Primary <br> Maths <br> Page 126 <br> MK bk3 pg <br> 181 <br> New MK MTC <br> pg 97 <br> M.K Primary <br> Maths <br> Page 96 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



| 3 | 5 | OUR <br> ENVIRON <br> MENT | TIME | Showing time using a half past Examples:- <br> A half past means <br> The minute hand moves half a Clock <br> A half past | Reads <br> Recognizes <br> Shows a half <br> past <br> Tells things <br> which tell time | Guided discovery Look and say illustration | Showing a half past | Critical thinking <br> Creative thinking | A Clock face | M.K. Primary maths <br> Page 109, <br> 110 <br> Thematic <br> Page 65 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | 1 |  | $\begin{aligned} & \text { Days of } \\ & \text { the } \\ & \text { week } \end{aligned}$ | $l$ Days of the week <br> Days Short form <br> Sunday Sun. <br> Monday Mon. <br> Tuesday Tue. <br> Wednesday Wed. <br> Thursday Thur. <br> Friday Fri. <br> Saturday Sat. | Mentions <br> Writes <br> Reads <br> Spells <br> Writes the short forms of the days <br> Identifies the <br> $1^{\text {st, }} 2^{\text {nd }}, 3^{\text {rd }}$ etc. | Explaining Question and answer <br> Guided discovery | Reciting Spelling | Self awareness effective Communication, Identity | Calendar <br> Word <br> Cards | M.K. Primary maths <br> Page 106 \& 107 <br> New Mk bk2 pg 133 <br> Practice pg 65 |  |
| 4 | 2 $\&$ 3 | OUR <br> ENVIRON <br> MENT | Months of the Year | Months of the Year. <br> There are 12 months in a year. <br> Namely:- | Mention the months. <br> Reads <br> Spells <br> Write short <br> forms | Guided discovery. <br> Discussion | Reading spelling writing | Self awareness Creative thinking Critical thinking | Calendar cards | M.K. Primary maths <br> Page 106 \& 107 <br> Thematic mtc pg 130 |  |


|  | 4 |  | $\begin{aligned} & \text { Algebr } \\ & \text { a } \end{aligned}$ | Find the missing number Examples:- <br> $3+1=4$ <br> $3+1=4$ <br> $7+1=8$ <br> $7+1=8$ $\square$ $2+2=4$ | Reads <br> Counts <br> Subtracts <br> Adds | Guided discovery Guided Discussion | Reading <br> Counting <br> Subtracting <br> Adding | Self awareness Cooperation Critical thinking | Number cards Counters like bottle tops | M.K. Primary <br> math <br> Page 112 <br> \& 113 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 |  | Algebr | Find the missing numbers |  |  |  |  |  | M.K. Primary |  |
|  |  |  | a | $\begin{gathered} 1+2=4 \\ 3+\square=5 \\ 2+\square=05=7 \end{gathered}$ |  |  |  |  |  | $\begin{aligned} & \text { math } \\ & \text { Page } 116 \text { \& } \\ & 117,118 \text { \& } \\ & 119 \end{aligned}$ |  |
| 5 | 1 | OUR <br> ENVIRON <br> MENT <br> ACCIDENTS <br>  <br> SAFETY | $\begin{aligned} & \hline \text { Algebr } \\ & \text { a } \end{aligned}$ | Find the mission Examples $\begin{aligned} & 3-1=\square 2 \\ & 2-\square=1 \\ & 4-\square=2 \end{aligned}$ $\square$ Minus three gives five <br> Six minus $\square$ gives 2 (two) | Reads <br> Counts <br> Draws <br> Subtracts <br> Fills | Guided discovery | Reading <br> Counting <br> Drawing <br> Subtracting <br> Reading <br> Counting <br> Adding <br> Writing | Self- awareness Cooperation <br> Critical thinking <br> Creative thinking | Number cards <br> Counters | M.K. Primary math <br> Page 118, <br> 119 \& 120 <br> New mtc bk <br> pg 98,106 |  |



|  | 5 |  |  | Comparing length of object. <br> Examples: <br> Use taller or shorter <br> Tree $\mathbf{M}$ is taller than tree $\mathbf{N}$ <br> Tree $\mathbf{N}$ is shorter than tree $\mathbf{M}$ <br> (a) Pencil A is longer than pencil $B$ <br> (b) Pencil B is shorter than pencil $A$ <br> A B | Reads <br> Compares <br> Writes |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | 1 | ACCIDENTS <br> \& SAFETY | Length | Addition in metres and centimeters. <br> Examples: <br> 3 metres + 3 metres = <br> 6 metres <br> 4 metres <br> $+\underline{9}$ metres <br> 13 <br> Timothy walked 5 km on Monday. He also walked 2km on Tuesday. What distance did he move altogether <br> 5 km <br> $+\underline{2 k m}$ <br> 7 km | Define <br> Lengths <br> Reads <br> Names <br> Writes <br> Counts <br> Adds <br> Reads | Logical thinking <br> Critical <br> thinking <br> Cooperation | Counting <br> Adding <br> Writing | Critical thinking Logical thinking | Counters like Sticks | M.K. Primary math <br> Page 100 <br> Thematic maths <br> Page 28 \& 29 <br> New mk mtc bk3 pg 149158 |  |


|  | 2 |  |  | Subtraction in metres and centimeters Examples:- <br> (i) 10 metres -3 metres $=$ <br> (ii) 7 metres <br> (ii) $\begin{array}{r}40 \mathrm{~cm} \\ -\frac{20 \mathrm{~cm}}{20 \mathrm{~cm}}\end{array}$ <br> What is 8 m and 3 m less $8 \mathrm{~m}-$ $3 \mathrm{~m}=5 \mathrm{~m}$ <br> John had 5 m of a clothe, he cut off 3 m . How many metres remained? 2m $5 m-3 m=2 m$ | Subtracts <br> Counts |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 |  <br> SECURITY | Weight | Weight: <br> Weight is the heaviness or lightness of an object. <br> Units for measuring eight is grammes <br> Things used to measure weight. <br> Beam balance <br> Spring balance <br> A set of scale blance <br> Things we measure: <br> - Beans - People <br> - Salt - Millet <br> - Sugar - Cassava <br> - Flour - Maize <br> - Coffee | Define weight <br> Mentions the units. <br> Mentions things we use to measure <br> Mentions things we measure Draws | Defines weight <br> Mentions Draws <br> Mention or names writing | Critical thinking <br> Logical self aware-ness | Real objects like Spring balance etc. | Guided discovery <br> Explanation <br> Question and answer | M.K. Primary math <br> Page 104 \& 103. <br> Thematic maths Page 98 <br> M.K Primary maths Page 168. Bk. 3 old edition |  |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \& 5 \& \& \& \begin{tabular}{l}
Comparing the weight \\
Examples: \\
Apple \\
(a) Which fruit is heavier A pineapple \\
(b) An apple is lighter than a pineapple
\end{tabular} \& \begin{tabular}{l}
Recognizes \\
Compares \\
A pineapple
\end{tabular} \& Comparing \& \& \& \& \& \\
\hline 8 \& 1

2 \& \begin{tabular}{l}
PEACE \\
AND \\
SECURITY

 \& Weight \& 

Addition in kg and g \\
Examples:

$$
12+2 \mathrm{~g}=14 \mathrm{~g}
$$

| $\mathbf{K g}$ | $\mathbf{g}$ |
| ---: | ---: |
| 2 | 2 |
| +6 | 4 |
| $\mathbf{8}$ | $\mathbf{6}$ | \\

Joseph weights 2 kg . Sam weighs 6 kg . Find the total weight of the two children

$$
2 \mathrm{~kg}+6 \mathrm{~kg}=8 \mathrm{~kg}
$$

 \& 

Counts \\
Adds \\
Writes

 \& 

Guided discovery \\
Guided discussion

 \& 

Counting \\
Adding \\
Writing
\end{tabular} \& Critical observation Logical thinking Cooperation \& Counters \& M.K Primary maths Page 171 \&  \\

\hline \& 3 \& \& \& | Subtraction of kg and g horizontally. |
| :--- |
| Examples: $4 \mathrm{~kg}-1 \mathrm{~kg}=3 \mathrm{~kg}$ |
| Kato had 7 kg of sugar he have away five ( 5 kg ) to Zziwa. How many kg remained? |
| $7 \mathrm{~kg}-5 \mathrm{~kg}=$ $\qquad$ kg | \& | Reads |
| :--- |
| Counts |
| Subtracts |
| Writes | \& | Guided discovery |
| :--- |
| Guided discussion | \& | Reading |
| :--- |
| Subtracting |
| Writing |
| Counting | \& | Logical thinking |
| :--- |
| Creative thinking |
| Self-awareness | \& \& M.K Primary maths Page 103 \&  \\

\hline
\end{tabular}

|  | 4 |  | Weight | Subtraction of kg and g vertically. | Reads <br> Counts <br> Subtract <br> Writes <br> Reads <br> Comprehends <br> Subtracts <br> Counts <br> Writes |  |  | M.K Primary maths Page 173 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 |  <br> SECURITY | Weight | More subtraction in Kg \& g Examples:- <br> Mum has 80 kg of meat Musa has 50 kg of meat How many kg do they have? $\begin{array}{rr} 8 & 0 \mathrm{~kg} \\ -5 & 0 \mathrm{~kg} \\ \hline \mathbf{3} & \mathbf{0 k g} \\ \hline \end{array}$ |  |  | Counters | M.K Primary maths Page 174 |  |
| 8 | 1 |  | Capacit y | Capacity: <br> Capacity is the amount of liquid a container can hold <br> Capacity is measured in litres. <br> Examples of liquids: <br> Containers used to measure <br> liquids:- <br> Basin Cup <br> Bucket Bottles <br> Pots Tins <br> Drums Jerrycans | Draws | Mentioning <br> Writing <br> Drawing | Real Containers | M.K Primary maths <br> Page 160 <br> Book 3 |  |


|  | 2 | PEACE \& SECURITY | Capacit <br> y | Comparing capacity <br> Examples:- <br> Pot <br> Which container holds more liquid? <br> A bucket holds more water than a cup. <br> A cup holds less water than a pot. | Comparing | Guided discovery | Critical thinking <br> Creative thinking <br> Logical thinking <br> Selfawareness | Comparing | Real objects e.g. Cups Jerrycans | M.K Primary maths <br> Page 160 <br> Book 3 <br> M.K Primary maths Page 44 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 |  |  | Addition of litres <br> Examples: <br> 3 litres +1 litre $=4$ litres <br> 5 litres +2 litres $=7$ litres <br> 5 litres +3 litres $=8$ litres <br> $\begin{array}{r}24 \text { litres } \\ +24 \text { litres } \\ \hline\end{array}$ <br> 48 litres <br> Liz had 6 litres of water, she fetched another 2 litres of water. How many litres of water does she have altogether? 6 litres + 2litres = 8 litres | Reads <br> Counts <br> Adds <br> Writes |  |  | Reading Counting Adding Writing |  |  |  |


| 8 | 4 |  <br> SECURITY | Capacit $\mathrm{y}$ | Subtraction in litres <br> Examples: <br> 9 litres -4 litres $=5$ litres <br> 4 litres - 1 litre $=3$ litres <br> More about subtraction in litres <br> Examples: <br> 5 litres plus <br> Three litres take away two litres equals | Reads <br> Counts <br> Subtracts <br> Writes | Reading <br> Counting <br> Subtracting <br> Writing | Logical thinking <br> Critical thinking <br> Selfawareness | Counters | M.K Primary maths <br> Page 164 old edition |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 |  |  | More about subtraction in litres <br> Examples: <br> Three litres take away two litres equals $\underline{3}-2=1 \text { litre }$ <br> Paul had 14 litres of water and used seven litres of it. <br> How many litres of water were left? 14-7 = 7 litres | Reads <br> Counts <br> Subtracts <br> Writes | Reading <br> Counting <br> Subtracting |  |  | M.K Primary maths Page 164 |  | $\begin{gathered} \stackrel{\rightharpoonup}{0} \\ \stackrel{0}{0} \underset{\sim}{\underset{\sim}{0}} \end{gathered}$ |

