

MATHEMATICS: WEEKLY TEACHING PLAN TERM 4, _____ GRADE 1

Weeks 3 & 4

Date: _____

✚ Please Note:

- The different Content Areas **NOR, MEASUREMENT** and **DATA HANDLING** have been colour, coded for easy reference.
- The use of **concrete apparatus** is strongly advocated and safety protocols to be followed.

✚ Suggested groupwork plan:

Monday	Tuesday	Wednesday	Thursday	Friday
Group 1 & 3	Group 2 & 3	Group 1 & 3	Group 2 & 3	Whole class teaching

Groupwork allows the teacher to teach the third group daily and the other groups can complete more written work independently at the tables.

A good education can change anyone.
A good teacher can change anything.

— ©Supriya Arora



CONTENT AREAS

TOPICS/ACTIVITIES

✚ Number Operations and Relationship:

- Number Concept Development:
- *Building number Sense*

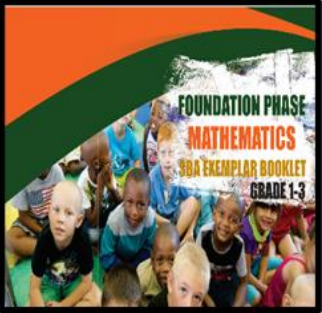
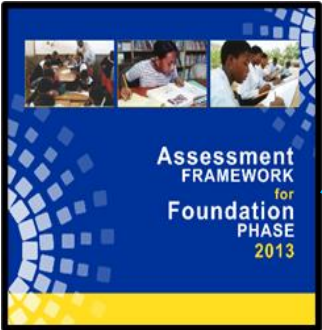
• **COUNTING: INTEGRATED WITH NUMBER PATTERNS AND MENTAL MATHS.**

To be assessed-Written, Oral & Practical

- Counting forwards and backwards in 1s, from any number between 1 - 90.
 - link to one more, one less (+, -)
- Count forwards in multiples of 10s, 5s, 2s from any multiple of 10, 5, 2 between 0 and 90
 - *see the relationship with addition*
 - *emphasis more than*
 - *ascending order*
- **MENTAL MATHS: Daily activity number range 20: Ask quick MATHS questions to promote quick thinking (techniques/strategies: put large number first to count on, number line, doubling and halving, build up and break down)**
- Order a given set of numbers (1 - 17):
 - Smallest to greatest, greatest to smallest
- Compare numbers to 17, say which is more, less:
 - *use relationship between more & less, (+, -)*
 - *position: after, before, between first, last in the middle*
- **Rapid recall of number bonds to 8 & Recalling addition and subtraction facts to 8.**
- **COUNT OBJECTS RELIABLY TO 50:**
 - Give a reasonable estimate, check by counting out objects reliably.
 - Encourage group counting
- **NUMBER SYMBOLS AND NUMBER NAMES:** *To be assessed-Written, Oral & Practical*
 - Recognise, identify, read number symbols from 1-100
 - Write number symbols and number names to 20.
- **DESCRIBE, COMPARE, AND ORDER UP TO 20 OBJECTS**
 - Compare the collection of objects according to: - most, least, more than, less than.
 - Order collection of objects from: - most to least and least to most

CONTENT AREAS	TOPICS/ACTIVITIES
 Number Operations and Relationship: - Number Concept Development: - <i>Building number Sense</i>	• <i>DESCRIBE, COMPARE, AND ORDER NUMBERS TO 20</i> <i>To be assessed-Written, Oral & Practical;</i> - Describe compare numbers: - more than, less than, is equal to, - Describe and order numbers: - before, after, in the middle/between. - Use number line 0-20 - Use ordinal numbers to show order, place position: - position objects in a line from first, second, third.... tenth, last • <i>PLACE VALUE to 20:</i> <i>Recognise place value of numbers; pack out flard cards / place value cards daily.</i> - Decompose two-digit numbers into multiples of tens, and ones e.g., 17 is 10 and 7. • <i>SOLVE PROBLEMS IN CONTEXT AND EXPLAIN SOLUTIONS TO PROBLEMS to at least 20. Techniques/Strategies: use concrete counters, draw pictures, building up and breaking down, double and halving, number lines supported by beads. See pg. 45-46 in CAPS for problem types.</i> • Solve problems in context and explain your own solutions to problems involving: - Addition and subtraction - Equal sharing and grouping may include remainders. - Recognise SA currency. - Solve money problems involving totals and change. • <i>CONTEXT-FREE CALCULATIONS TO 20 Techniques/Strategies: Use concrete counters, draw pictures, building up and breaking down, double and halving, number lines with concrete beads.</i> - Addition and subtraction up to 16 (+, -, =, □) - Practice number bonds up to 8 & Repeated Addition, use (+, =, □)
 Measurement Same as Week 1 & 2	• <i>TIME:</i> • During the whole class, teaching time: morning, afternoon, evening, days of the week a long time, a short time, sequence days of the week; months of the year: place birthdays on the calendar.
 Data Handling Same as Week 1 & 2	• <i>Data Handling is integrated with NOR, S&S. (Collect, organize data about school, learners' birthdays, and sort objects: draw pictures of sorted ob jects: answer questions about sorting process; describe sorted collections. DBE wbk2 pg. 28, 29, 31 for more ideas. Section C CAPS page 208 & 209. To be assessed-Written, Oral & Practical</i> • Collect and sort ob jects - e.g., make class "birthday calendar." • Discuss sorted collections, represent sorted ob jects. • Show and answer questions about data in pictographs.
 Previous Knowledge	• Counting in multiples and linking it to +, -, =, • 3D ob jects: Boxes, balls • Repeated addition, subtraction, problem - solving. • Build up, break down, number line. • Rapid recall of number facts & Number bonds of 8

CONTENT AREAS	TOPICS/ACTIVITIES
Maths Vocabulary	Estimate, subitise, forwards, backwards, more, less, many, fewer, big/ small, matching objects, biggest/ smallest, greatest, longer/ equal sharing, SA currency. Repeated Addition, Doubles.
✚ Suggested DBE workbook activities.	DBE workbook 2 practice activities - Understanding number 17, pg. 68-69 - Subtraction & breaking down, doubles, pg. 78- 79 - Ordinal numbers 1st-10th, pg. 82-83 - Money: Matching, addition and subtraction, problem solving: Totals and change, pg. 86-89 - 2D shapes sorting, smallest, largest, draw the shape in the grid, pg. 90-93 - Names of 2D shapes, draw the other half of the shape, pg. 94-95
✚ Resources (other than textbook) to enhance learning See pg. 16 in CAPS for more ideas. • Six Bricks • Videos • Concrete Counters • Weather Chart • Calendar • Number frieze • DBE Workbooks • Beads on a string/Abacus • Number Cards • Flash Cards • Money ✚ You may copy these examples of resources to a word document to enlarge it. ✚ You may consult your Mathematics NECT book or any other additional resource for activities/assessment. ✚ However, change the number ranges to be aligned to the Term 4 ATPs.	South African Money (Rand and Cents) 10c 20c 50c R1 R2 R5 South African Notes (Rand) R10 R20 R50 R100 R200 South African Coins Subtraction Find the difference between these coins. $\text{R5} - \text{R2} = \square$ $\text{R5} - \text{R1} = \square$ $\text{R2} - \text{R1} = \square$ $\text{R5} - \text{R50c} = \square$ 2. Count the money R _____, _____ R _____, _____ 3. Answer the following word problem: It costs R20 to make 10 biscuits. How much will it cost to make _____ 5 biscuits?

CONTENT	TOPICS/ACTIVITIES	
ASSESSMENT  	<i>INFORMAL ASSESSMENT</i> <i>ASSESSMENT FOR LEARNING (AFL)</i> - Assess Core Concepts, Skills, and Values. (Oral, Practical & Written) - Continuous assessment prevails through observations. - The teacher is vigilant and records the observations made, this is integrated in the lesson time as per DBE directive	<i>FORMAL ASSESSMENT</i> <i>ASSESSMENT OF LEARNING (AOL)</i> - NOR (Written, Oral & Practical) - Data Handling (Written, Oral & Practical)
REMEDICATION: ➤ Work and support at remediating the learning gaps immediately. ➤ Use the analysed data / learner response/ Error Analysis to influence and strengthen future teaching. ➤ Reteaching using another strategy for improved learning. ➤ Record all the findings in the event of further support required. CONSOLIDATION: ➤ Reinforcing more of the same (practice) to embed knowledge and skills. ➤ Provide opportunities for the learner to ask questions. REVISION: ➤ Repeat of the knowledge and skills taught to establish if learning has taken place and been understood. ➤ This practice takes place before any new concepts can be taught. ➤ Revision of work strengthens the learner's knowledge and supports further learning. REFLECTION: ➤ Teachers should pay extra attention to identified challenging topics during term 4	- Assessment can only be administered if the content has been taught. - The concepts/content knowledge/skills are systematically assessed using a variety of forms of assessment such as, oral, practical, and written. - LOTS, MOTS & HOTS questioning and WEIGHTING of the Content areas to be considered and include activities that need application of different problem-solving strategies. - Assessment tasks should include the prescripts criteria for marking that speaks to the activity and the 7 Level National Rating Codes. - Refer to: The SBA Exemplar Booklet and the Assessment Framework for Foundation Phase 2013 to assist with rubrics. - It is a fundamental practice that is embedded in the teaching and learning process. - The Weekly Subject Focus includes some references to aspects that should be assessed. - Teachers must take cognizance of the fact that schools will progress at their own pace and therefore the assessment will also be amended accordingly without compromising the concepts/ content knowledge/ skills that are prescribed in the ATPs which is CAPS aligned. - The Recording sheets serve as a guide and give the learners multiple opportunities through informal and formal assessment.	

MATHEMATICS: WEEKLY TEACHING PLAN TERM 4, _____ GRADE 2

Weeks 3 & 4

Date: _____

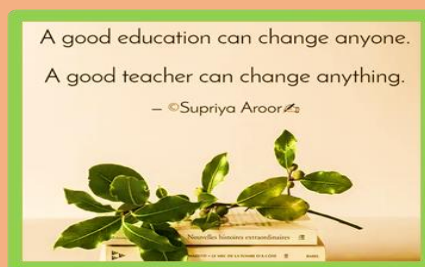
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Monday	Tuesday	Wednesday	Thursday	Friday
Group 1 & 3	Group 2 & 3	Group 1 & 3	Group 2 & 3	Whole class teaching

Groupwork allows the teacher to teach the third group daily and the other groups can complete more written work independently at the tables.



CONTENT AREAS

TOPICS/ACTIVITIES

✚ Number Operations and Relationship Integrated with Patterns, Functions and Algebra:

- Number Concept Development:
- *Building number Sense*

- **COUNTING: INTEGRATED WITH NUMBER PATTERNS AND MENTAL MATHS.**
To be assessed-Written, Oral & Practical
- Counting forwards and backwards in 1s, from any number between 0 to 180
- Count forwards and backwards in multiples of 10s, 5s and 2s, 3s, 4s and from any multiple of 10, 5, 2, 3, 4 between 0-180
 - use relationship between + and -
 - emphasise more than, less than
 - ascending and descending order
- **MENTAL MATHS: Daily activity number range 100: Ask quick Maths questions to promote quick thinking. Calculation strategies/techniques: Put the big number first to count on or count back, number line, doubling or halving, building up or breaking down.**
- Order a given set of numbers.
- Compare numbers to 80 say which is 1, 2, 3, 4, 5, 10 more or less.
 - use relationship between + and -
- Rapid recall of addition & subtraction facts to 15.
- Add or subtract multiples of 10 from 0-80
- **COUNT OBJECTS RELIABLY:**
 - Count concrete objects reliably to 180
 - Give a reasonable estimate of objects and check by counting.
 - Encourage group counting.

CONTENT AREAS AND TOPICS	TOPICS/ACTIVITIES
 Number Operations and Relationship Integrated with Patterns, Functions and Algebra: - Number Concept Development: - <i>Building number Sense</i>	• NUMBER SYMBOLS AND NUMBER NAMES: <i>To be assessed-Written, Oral & Practical</i> - Recognise, identify, read number symbols from 1 - 200. - Write number symbols and number names to 100. • DESCRIBE, COMPARE, AND ORDER UP TO 99: • Describe and compare numbers to 80. - Smaller than, greater than. • Describe and order numbers from - smallest to greatest and greatest to smallest • Use ordinal numbers to show place/ position; first, second, third.....tenth. • PLACE VALUE; RECONISE PLACE VALUE OF NUMBERS BETWEEN 11 TO 99: <i>To be assessed-Written, Oral & Practical</i> - Decompose two-digit numbers into multiples of tens and units, ones to 80. - Identify and state the value of each digit. • SOLVE PROBLEMS IN CONTEXT TO 99 AND EXPLAIN SOLUTIONS TO PROBLEMS. <i>Techniques/Strategies: Drawings or concrete apparatus, e.g., counters, building up and break down, doubling, and halving, number lines supported with apparatus; See pp. 61-62 in CAPS for problem types.</i> • Solve problems in context and explain solutions to problems: - Addition and Subtraction. - Equal grouping and sharing lead to division that may include remainders. • Solve money problems involving totals and change. • CONTEXT-FREE CALCULATIONS: <i>Techniques/Strategies: Drawings or concrete apparatus, building up and breaking down, doubling, and halving, number lines supported with apparatus.</i> - Addition and subtraction to 80(+, -, =, □) - Practice number bonds to 15 - Multiply numbers 1 to 10 by 2 and 4 (×, =, □)

CONTENT AREAS	TOPICS/ACTIVITIES
 Patterns, Functions & Algebra	• GEOMETRIC PATTERNS: To be assessed-Written, Oral & Practical Identify, describe, copy geometric patterns. - in nature, modern day life, cultural heritage • NUMBER PATTERNS: To be assessed-Written, Oral & Practical - copy, extend and describe to 200 - create own number patterns
 Measurement Same as Week 1 & 2	• TIME: Telling time; To be assessed-Written, Oral & Practical • Tell 12-hour time in hours, half hours and quarter hours on analogue clocks. • Know sequence of months of the year, place birthdays on calendar. • Tell 12-hour time in hours, half hours on an analogue clock. • Use clocks to calculate the length of time in hours and half hours.
 Previous Knowledge	• Count in multiples of 2, 3, 4, 5 and 10 to 60 • Bonds to 15 • Equal sharing • Fractions: Half and quarters • Sharing to 40 with remainders
 Suggested DBE workbook activities.	DBE WORKBOOK PRACTICE ACTIVITIES: - Draw hands on clocks pg. 55 - More number patterns - rearrange in order, missing number, multiples of 2, 3, 5, pg. 102- 103 - Multiply by 2, 5, link with doubles and with groups. pg. 106-107 - Multiply by 4, pg. 110-113 - Time: sequencing days of the week and months of the year pg. 110-113 - More length pg. 119 - Mass pg. 120-121
 Maths Vocabulary	• Number Sequence • forwards, backwards, • more, less, many, fewer, • Ascending order • Descending order • Decompose • Multiples • Repeated Addition • biggest/ smallest, greatest, longer/ shorter, • Analogue Clock

CONTENT AREAS

TOPICS/ACTIVITIES

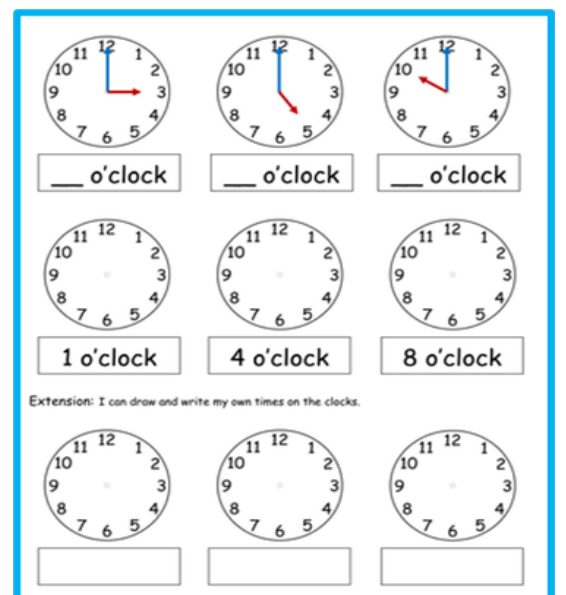
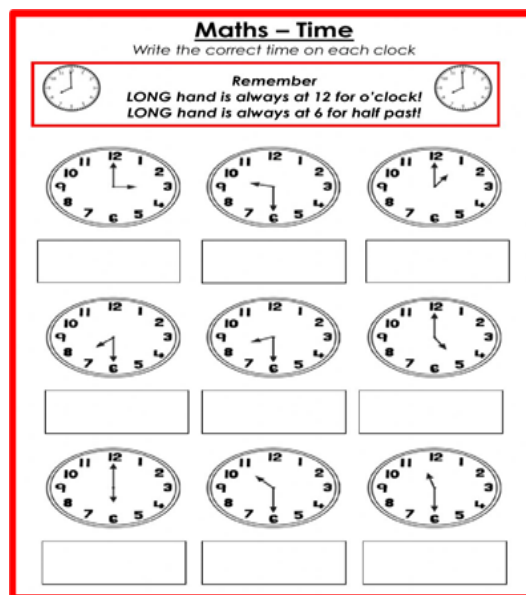
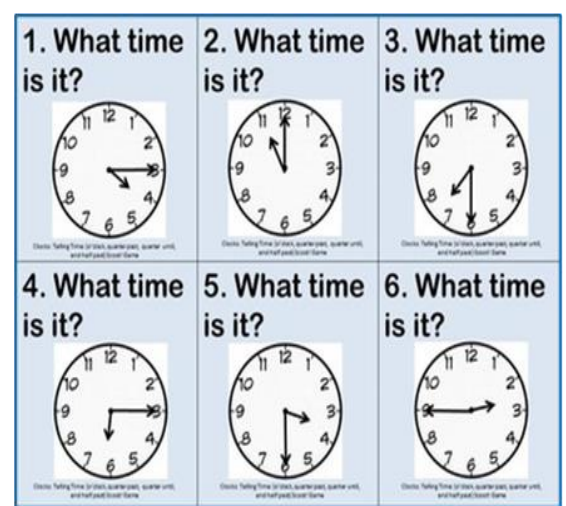
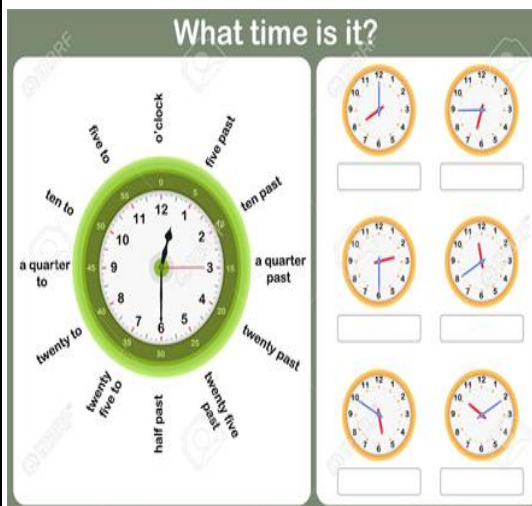
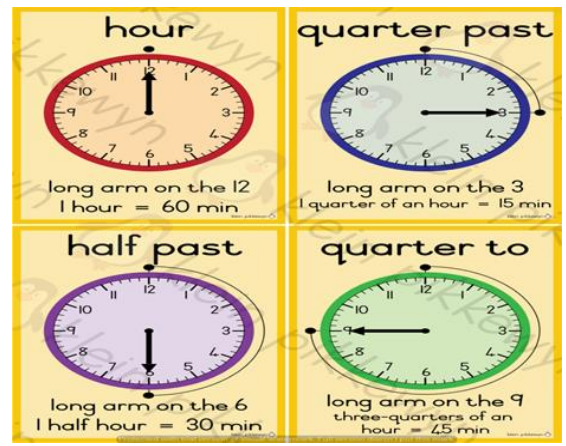
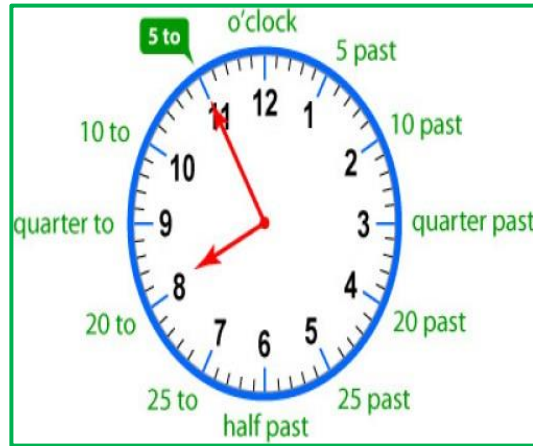
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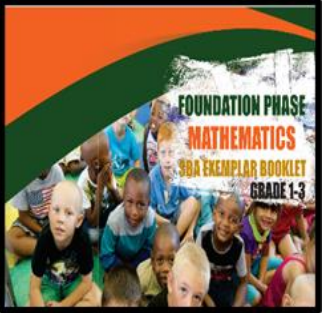
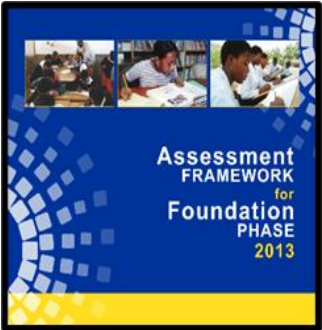
- Six Bricks
- Videos
- Concrete Counters
- Class workbooks
- Calendar
- 100 Board
- DBE Workbooks
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- Number Cards
- Flash Cards
- Time

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CONTENT	TOPICS/ACTIVITIES	
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CONSOLIDATION: ➤ Reinforcing more of the same (practice) to embed knowledge and skills. ➤ Provide opportunities for the learner to ask questions.		
REVISION: ➤ Repeat of the knowledge and skills taught to establish if learning has taken place and been understood. ➤ This practice takes place before any new concepts can be taught. ➤ Revision of work strengthens the learner's knowledge and supports further learning.		
REFLECTION: ➤ Teachers should pay extra attention to identified challenging topics during term 4		

MATHEMATICS: WEEKLY TEACHING PLAN TERM 4, _____
GRADE 3

Weeks 3 & 4

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CONTENT AREAS

TOPICS/ACTIVITIES

⚡ Number Operations and Relationship:

- Number Concept Development:
- *Building number Sense*

• **COUNTING: INTEGRATED WITH NUMBER PATTERNS AND MENTAL MATHS.**

To be assessed-Written, Oral & Practical.

- Counting forwards and backwards in 1s, from any number between 0 to 800
- Count forwards and backwards in multiples of 10s, 5s and 2s, 3s, 4s, and from any multiple of 10, 5, 2, 3, 4 between 0-800 and in
- 20s, 25s, 50s, 100s, to at least 1000
 - use relationship between + and -
 - emphasise more than, less than
 - ascending and descending order
- **MENTAL MATHS: Daily activity range 750: Ask MATHS questions quick to promote quick thinking. Calculation strategies/techniques: Put the big number first to count on or count back, number line, doubling or halving, building up or breaking down.**
- Order a given set of numbers.
- Compare numbers to 800 say which is 1, 2, 3, 4, 5, 10 more or 1, 2, 3, 4, 5, 10 less.
 - use relationship between + and -
 - use relationship between $\times$ and $\div$
- Rapid recall of addition & subtraction facts to 30.
- Add or subtract multiples of 10 from 0-100
- Multiplication and division facts for:
 - Two timetables up to 2×10 and $20 \div 2$.
 - Ten times table up to 10×10 and $100 \div 10$.
 -

CONTENT AREAS	TOPICS/ACTIVITIES
 Number Operations and Relationship: - Number Concept Development: - <i>Building number Sense</i>	• <i>COUNT OBJECTS RELIABLY TO 1000:</i> - Count concrete objects reliably to 800 - Estimate, check by counting reliably to 800. - Encourage group counting • <i>NUMBER SYMBOLS AND NUMBER NAMES:</i> <i>To be assessed-Written, Oral & Practical.</i> - Recognise, identify, read number symbols up to 1000. - Write number symbols and number names to 0-1000. • <i>DESCRIBE, COMPARE, AND ORDER UP TO 999:</i> <i>To be assessed-Written, Oral & Practical.</i> • Describe and compare numbers to 800. - Smaller than, greater than. $>$, $<$, $=$ - Describe and order numbers from smallest to greatest and greatest to smallest <i>PLACE VALUE: RECOGNISE PLACE VALUE OF NUMBERS TO 999:</i> • Know what each digit represents. • Decompose three-digit numbers up to 800 into multiples of hundreds, tens, and ones up to 800. • Identify and state the value of each digit. • <i>SOLVE PROBLEMS IN CONTEXT TO 999 AND EXPLAIN SOLUTIONS TO PROBLEMS.</i> <i>Calculations Techniques/Strategies:</i> building up and break down, doubling, and halving, number lines, rounding off in tens; See pp. 79-80 in CAPS for problem types: • Solve problems in context and explain solutions to problems: - Addition and subtraction with 3-digit numbers. - Repeated addition leading to multiplication. - Equal grouping and sharing leading to division that may include remainders leads to division that may include remainders. • Solve money problems involving totals & change. • <i>CONTEXT-FREE CALCULATIONS:</i> <i>Calculation Techniques/Strategies:</i> building up and breaking down, doubling, and halving, number lines, rounding off in tens. - Addition and subtraction to 900 ($+$, $-$, $\square$, $=$) - Practice number bonds to 30 - Multiply 1 - 10 by 2 and 5 to 100 ($\times$, $\square$, $=$) - Divide numbers to 99 by 2, 5, 10 ($\div$, $\square$, $=$)

CONTENT AREAS	TOPICS/ACTIVITIES
 Patterns, Functions & Algebra	Number Patterns: <i>To be assessed-Written, Oral & Practical</i> Integrated with Counting (NOR): Count forwards and backwards in 2s, 3s, 4s, 5s, 10s between 0- 700/ 800/ 900, 1000 (from any multiples of 2s, 3s, 4s, 5s, 10s)
 Measurement Same as Week 1 & 2	• <i>TIME: Telling Time:</i> - Read dates on calendars, place birthdays on calendars. - Tell 12-hour time in hours, half hours and quarter hours, minutes on analogue clocks, length of time. - Use calendars to calculate the length of time in days and weeks, convert between days and weeks, convert between weeks and months: <i>To be assessed-Written, Oral & Practical</i>
 Previous Knowledge	• Count, compare and order objects and numbers up to 700. • Solve grouping and sharing problems in context and context free leading to division up to 75. • Recognise fractions in diagram and fraction wall. • Practice number bonds to 20 • Multiply numbers 1 to 10 by 2, 5, 3, 4 ($\times$, $=$, $\square$) up to 80 • How to build a fraction wall
 Suggested DBE workbook activities.	DBE WORKBOOK 2 PRACTICE ACTIVITIES - Problem solving: Watering the garden pg. 89 - Money, counting coins and notes, problem solving, pg. 90-91 - More addition and subtraction problem solving, pg. 92-93 - Number patterns: 10s up to 900, linking with groups of 10 and to patterns of 10 and multiplication, pg. 98-99 - Number patterns: 5s up to 1000, counting in 5s, noting the patterns circled and shaded, adding, and subtracting five, pg. 104 - Rounding off to nearest 10, number line and solving problems, pg. 100-101 - Multiplication and division input and output diagrams, grids, break down method for division and solve problems to 100, pg. 102-103
 Maths Vocabulary	• Estimate, • Value, • two-digit numbers • Ascending & Descending order • Decompose, • Multiples & Smallest to greatest. • Unitary Fractions • Analogue & Digital

CONTENT AREAS

TOPICS/ACTIVITIES

Resources (other than textbook) to enhance learning See pg. 16 in CAPS for more ideas.

- Six Bricks
- Videos
- Concrete Counters
- Class workbooks
- Calendar
- 100 Board
- DBE Workbooks
- Abacus
- Number Cards
- Flash Cards
- Activity Cards
- Input & Output

You may copy these examples of resources to a word document to enlarge it.

You may consult your Mathematics NECT book or any other additional resource for activities/assessment.

However, change the number range to be aligned to Term 4 ATPs.

In and Out Boxes

Fill in the Empty Boxes.

1)

In	Out
9	
12	
15	
18	

Rule: Subtract 4

2)

In	Out
7	
12	
15	
16	

Rule: Subtract 5

3)

In	Out
4	
6	
12	
13	

Rule: Subtract 1

4)

In	Out
4	
5	
10	
14	

Rule: Subtract 3

Rule: Subtract 4

Rule: Subtract 5

Rule: Subtract 1

Rule: Subtract 3

5) <table><tr><th>In</th><th>Out</th></tr><tr><td>6</td><td></td></tr><tr><td>10</td><td></td></tr><tr><td>13</td><td></td></tr><tr><td>14</td><td></td></tr></table>	In	Out	6		10		13		14		6) <table><tr><th>In</th><th>Out</th></tr><tr><td>3</td><td></td></tr><tr><td>8</td><td></td></tr><tr><td>9</td><td></td></tr><tr><td>11</td><td></td></tr></table>	In	Out	3		8		9		11	
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6																					
10																					
13																					
14																					
In	Out																				
3																					
8																					
9																					
11																					

Rule: Subtract 1

Rule: Add 2

7) <table><tr><th>In</th><th>Out</th></tr><tr><td>0</td><td></td></tr><tr><td>6</td><td></td></tr><tr><td>9</td><td></td></tr><tr><td>12</td><td></td></tr></table>	In	Out	0		6		9		12		8) <table><tr><th>In</th><th>Out</th></tr><tr><td>8</td><td></td></tr><tr><td>9</td><td></td></tr><tr><td>10</td><td></td></tr><tr><td>14</td><td></td></tr></table>	In	Out	8		9		10		14	
In	Out																				
0																					
6																					
9																					
12																					
In	Out																				
8																					
9																					
10																					
14																					

Rule: Add 3

Rule: Add 2

Write the rule and fill in the empty boxes.

9)

In	Out
0	4
2	6
6	10
7	

Rule:

--

10)

In	Out
2	
6	10
14	18
15	19

Rule:

--

11)

In	Out
1	2
12	
14	15
15	16

Rule:

--

12)

In	Out
4	1
9	6
11	8
17	

Rule:

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Rule: _____

Rule: _____

Rule: _____

Rule: _____

13) <table><tr><th>In</th><th>Out</th></tr><tr><td>4</td><td>5</td></tr><tr><td>9</td><td>10</td></tr><tr><td>10</td><td>14</td></tr><tr><td>15</td><td></td></tr></table>	In	Out	4	5	9	10	10	14	15		14) <table><tr><th>In</th><th>Out</th></tr><tr><td>5</td><td>6</td></tr><tr><td>8</td><td>13</td></tr><tr><td>13</td><td>8</td></tr><tr><td></td><td></td></tr></table>	In	Out	5	6	8	13	13	8		
In	Out																				
4	5																				
9	10																				
10	14																				
15																					
In	Out																				
5	6																				
8	13																				
13	8																				

Rule: _____

Rule: _____



Name: _____

Input Output Tables

What is the rule between the first and second number? Add? Subtract? Multiply or Divide? Fill in the blanks and state the rule.

For Example:
Rule: Multiply by 5.
(Blank would be 20)

2 10
4 20
5

1. <table><tr><th>Input</th><th>Output</th></tr><tr><td>12</td><td>3</td></tr><tr><td>11</td><td>2</td></tr><tr><td>10</td><td></td></tr><tr><td>9</td><td></td></tr></table>	Input	Output	12	3	11	2	10		9		2. <table><tr><th>Input</th><th>Output</th></tr><tr><td>12</td><td>6</td></tr><tr><td>8</td><td>4</td></tr><tr><td>6</td><td></td></tr><tr><td>2</td><td></td></tr></table>	Input	Output	12	6	8	4	6		2	
Input	Output																				
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3. <table><tr><th>Input</th><th>Output</th></tr><tr><td>3</td><td>9</td></tr><tr><td>11</td><td>17</td></tr><tr><td>2</td><td></td></tr><tr><td>1</td><td></td></tr></table>	Input	Output	3	9	11	17	2		1		4. <table><tr><th>Input</th><th>Output</th></tr><tr><td>10</td><td>10</td></tr><tr><td>3</td><td>3</td></tr><tr><td>11</td><td></td></tr><tr><td>5</td><td></td></tr></table>	Input	Output	10	10	3	3	11		5	
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Input	Output																				
10	10																				
3	3																				
11																					
5																					

Functions In/Out Activity F

Name: _____
Date: _____

IN	OUT	IN	OUT
3	?	17	?
20	?	7	?
14	?	8	?
1	?	25	?

Rule: +5

Rule: +3

8	20	6	25
28	11	19	10

What's My Rule?



in	out
5	?
7	14
9	18
11	22

1

What's My Rule?



in	out
3	9
4	12
5	15
6	?

2

What's My Rule?



in	out
6	1
24	4
30	5
42	?

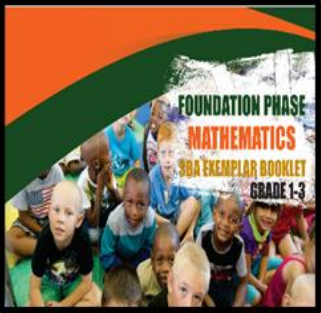
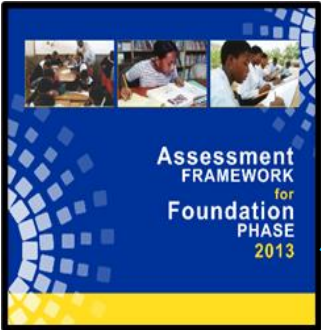
3

What's My Rule?



in	out
2	?
4	44
6	66
9	99

4

CONTENT	TOPICS/ACTIVITIES	
ASSESSMENT  	<i>INFORMAL ASSESSMENT</i> <i>ASSESSMENT FOR LEARNING (AFL)</i> • Assess Core Concepts, Skills, and Values. (Oral, Practical & Written) • Continuous assessment prevails through observations. • The teacher is vigilant and records the observations made, this is integrated in the lesson time as per DBE directive	<i>FORMAL ASSESSMENT</i> <i>ASSESSMENT OF LEARNING (AOL)</i> • NOR (Written, Oral & Practical) • PF&A (Written, Oral & Practical) • Measurement (Written, Oral & Practical) • Assessment can only be administered if the content has been taught. • The concepts/content knowledge/skills are systematically assessed using a variety of forms of assessment such as, oral, practical, and written. • LOTS, MOTS & HOTS questioning and WEIGHTING of the Content areas to be considered and include activities that need application of different problem-solving strategies. • Assessment tasks should include the prescripts criteria for marking that speaks to the activity and the 7 Level National Rating Codes. • Refer to: The SBA Exemplar Booklet and the Assessment Framework for Foundation Phase 2013 to assist with rubrics. • It is a fundamental practice that is embedded in the teaching and learning process. • The Weekly Subject Focus includes some references to aspects that should be assessed. • Teachers must take cognizance of the fact that schools will progress at their own pace and therefore the assessment will also be amended accordingly without compromising the concepts/ content knowledge/ skills that are prescribed in the ATPs which is CAPS aligned. • The Recording sheets serve as a guide and give the learners multiple opportunities through informal and formal assessment.
REMEDIATION: ➢ Work and support at remediate the learning gaps immediately. ➢ Use the analysed data / learner response/ Error Analysis to influence and strengthen future teaching. ➢ Reteaching using another strategy for improved learning. ➢ Record all the findings in the event of further support required.		
CONSOLIDATION: ➢ Reinforcing more of the same (practice) to embed knowledge and skills. ➢ Provide opportunities for the learner to ask questions.		
REVISION: ➢ Repeat of the knowledge and skills taught to establish if learning has taken place and been understood. ➢ This practice takes place before any new concepts can be taught. ➢ Revision of work strengthens the learner's knowledge and supports further learning.		
REFLECTION: ➢ Teachers should pay extra attention to identified challenging topics during term 4		