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ABOUT THE PLANNER AND TRACKER

This 2022 Revised Recovery Curriculum and Assessment Planner and Tracker is provided by the National Education Collaboration Trust (NECT) on behalf of the Department of Basic Education (DBE)! We hope that this programme provides you with additional skills, methodologies and content knowledge that you can use to teach your learners more effectively.

WHAT IS NECT?

In 2012 our government launched the National Development Plan (NDP) to eliminate poverty and reduce inequality by the year 2030. Improving education is an important goal in the NDP which states that 90% of learners will pass Maths, Science and languages with at least 50% by 2030. This is an ambitious goal for the DBE to achieve on its own, so the NECT was established in 2015 to assist in improving education.

The NECT has successfully brought together groups of people interested in education so that we can work collaboratively to improve education. These groups include the teacher unions, businesses, religious groups, trusts, foundations and NGOs.

PURPOSE OF PLANNER AND TRACKER

- 1) To mediate the amendments of the trimmed and re-organised 2021 Annual Teaching Plan including School-Based Assessments for Mathematics Grade 3.
- 2) To ensure that meaningful teaching continues during the remaining teaching time as per the school calendar for TERM 1.
- 3) To assist teachers with guided pacing and sequencing of curriculum content and assessment.
- 4) To enable teachers to cover the core skills and knowledge in each grade within the available time.
- 5) To assist teachers with planning for the different forms of assessment.
- 6) To ensure learners are adequately prepared for the subsequent year/s in terms of skills, knowledge, attitudes and values.

PREAMBLE

It must be emphasized that 2021 mathematics content coverage by teachers were impacted by COVID-19. Schools were particularly disrupted by the fact that learners only attended school for 50% of the time and had to endure variations of the rotation system implemented in the schools. Disruption in schools has also meant disruption in different forms of assessment, so it's been hard to fully pin down exactly how much the school closures and transitions in and out of virtual learning have affected students' mathematical learning, but the evidence so far doesn't bode well.

Curriculum coverage in 2022 must be viewed and implemented in term 1, in the light of some contextual realities that includes the following:

- 1) 2021 was an abnormal year in terms of content coverage. Learners have progressed to a higher grade level without learning all the core skills required for that grade.
- 2) Some learners were not in school for most of 2020 and perhaps for most of 2021.
- 3) Mathematics is almost always formally learned at school. Many of our parents are often less well-equipped to help their children with mathematics, at a time when parent support can be even more crucial to student progress. This means that the burden falls directly on our teachers.

4) Broader stress and trauma related to the pandemic may worsen existing mathematics anxiety in some students, and mathematics anxiety can exacerbate students' other stress while in class.

Awareness of the above challenges and the consequent assumptions that emerge out of it, is crucial for the implementation of the Revised ATPs emphasizing the recovery of skills not yet mastered in mathematics. This Planner and Tracker is in alignment with the theme of recovery of skills not learnt and covers the following:

- 1) aims to ensure that the critical skills, knowledge, values and attitudes outlined in the ATPs are covered over this time period.
- 2) Curriculum Reorganisation and Trimming for this term purports to reduce the envisaged curriculum to manageable core content, skills, knowledge, attitudes and values to enhance deep and meaningful learning.
- 3) The Planner and Tracker clearly define the core knowledge, skills, attitude to be taught and assessed more specifically to guide and support teachers.
- 4) It also aligns curriculum content and assessment to the available teaching time.
- 5) Be used as planning tool to inform instruction during the remaining school terms.

SCHOOL TERMSDATESTEACHING DAYSTerm 110 January - 17 March47 (10 weeks)Term 25 April – 24 June53 (12 weeks) – 6 holidaysTerm 319 July – 30 September54 (11 weeks) – 2 holidaysTerm 411 October - 14 Dec47 (10 weeks)

ADJUSTED SCHOOL CALENDAR

NOTES:

- TEACHING APPROACH in this term assumes that ALL learners are attending schools and the Rotation system may not be implemented meaning that schools may implement normal timetable.
- NECT TERM 1 Planner and Tracker will maintain the Rotation process used in 2021, especially for schools who found this process useful.
- NECT TERM 1 Planner and Tracker has 47 teaching and learning days, of which 15 days are used for formative and summative Assessment days.
- NECT Term 1 Planner and Tracker focuses on Deep learning through assessment for learning - There is no time for assessment that does not inform the way forward. Teachers should consolidate, revise and remediate through error analysis that leads to skills mastery.

ROTATION ROUTINE

<u>REMEMBER</u>: The teacher must employ group teaching based on principles of differentiation – cater for the needs of every learner by making sure every learner masters the fundamental skills in mathematics. The teacher is also mindful to plan well for effective for assessment for learning to inform the remediation and teaching, through the skills mastery approach applied in this Planner and Tracker. GROUP ORGANIZATION: Below is a guide to support the teacher with organising the learners into at least 3 groups, bigger classes will have more groups... based on the need for rotation - noting that all our learners were expected to attend school from the beginning of term 1.

- if the class size is approx. 36.
- divide the class into 3 groups to facilitate teaching, this also helps the teacher to recognise the learning potential of her 36 learners.
- groups can be differentiated/ ability groups or mixed groups decide which will suit effective teaching and learning best for your context.
- practice one of the 2 rotation of group methods below.
- be mindful that effective teaching and learning aims to lay solid foundations for learning hence the teacher must be well organised and plan every day to deliver nothing but the best!

BELOW IS THE 3	BELOW IS THE 3 WEEK CYCLE FOR ROTATION OF GROUPS							
WEEK 1								
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY				

Group 3 and 1

Group 2 and 3

		WEEK 2				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	(1 x 4, 2 x 3,	3 x 3)
Group 3 and 1	Group 1 and 2	Group 2 and 3	Group 3 and 1	Group 1 and 2		

Group 1 and 2

Group 2 and 3

 $(1 \times 3, 2 \times 4, 3 \times 3)$

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	(1 x 3, 2 x 3, 3 x 4)
Group 2 and 3	Group 3 and 1	Group 1 and 2	Group 2 and 3	Group 3 and 1	

ALTERNATIVELY: Some teachers prefer to embrace a group orientation whereby they teach each group daily.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Group 1 and 3	Group 2 and 3	Group 1 and 3	Group 2 and 3	Whole class teaching

The plus factor here is that the teacher managers to teach the third group daily and the other groups will be able to complete more written work independently at the tables.

TEACHING TIME

Group 1 and 2

Since there are 7 hours allocated for Mathematics, the following is a suggested plan.

WEEK: 7 hrs					
Counting	5 min				
Consolidation of Concepts	10 min				
New Concept – class activity	20 min				
Group work	24 × 2 groups = 48 min				

CONTENT COVERAGE

Term 1 45 days	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
CAPS Topic	Baseline Assessment NUMBER OPERATIONS & RELATIONSHIPS OPERATIONS & Court Objects Court Objects Court Objects Court Orwards and Describe, Order and number names backwards Describe, Order and Compare backwards Addition and Subtraction		NUMBER OPERATION Addition and Subtr Place value Multiplication		NUMBER OPERATIONS Addition and Subtrac Multiplication Money		NUMBER OPERATIONS I Multiplication Grouping and sharing		REVISION	
	and number names Place value			PATTERNS FUNCTION Geometric Patterns SPACE & SHAPE • 3-D objects	IS & ALGEBRA	MEASUREMENT Time		DATA HANDLING Collect data Represent data Analyse data		
Term 1 45 days	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	NUMBER OPERATIONS & RELATIONSHIPS COUNTING CONTENTION Counting concrete objects by grouping up to 100 (estimate and count reliably) Complete number sequence up to 100 Complete number sequence up to 100 New Mark Sector digit numbers up to 9 Shot multiples of them and presents the value of each digit.	symbols up to 200 Write number names Order and compare (to 99 Arrange from greater is equal to up to 99 Decompose two-digi tens and units/ones Identify and state the	ead and write number up to 100 st to smallest, less than and trumbers into multiples of up to 99 value of each digit ubtraction problems up to	of tens and unities Add and subtract p numbers with the s and contact free of context free, explay problems involving Relationships both multiplication Use appropriate sy DBE Workbook: Act 20 a & b, 24. PATTERS FUNCTION GEOMETRIC PATTER COpy, extend and simple patters me	git numbers into multiples res up to 99 roblems of 2-dpit mener up to 99 in context idensities of the 99 in context is the 90 in context is the	Add and subtract up calculations Solve number proble- context free, explain involving multiplicatic subtraction, subtraction, multiplicatic subtraction, subtraction, subtraction, subtraction, DBE Workbook: Add 21 a 84, p. 36 MEASUREMENT TME: Calculate length of 1 Calculate	ens in context and own solution to problems on with answers up to 50. table) into addition and (cation) shamey (5c, 10c, 20c, 3 bank notes R10, R20, bank notes R10, R20, ey problems up to R20. urs, half hours, quarter a enalogue clocks and me and passing of time in use length of time in	50.(5, 2, 3 and 4 time: Grouping and sharing: Solve number probler explain own solutions involve equal sharing to 50 by 2, 5 and 10 v remainder) Use appropriate symt Use appropriate symt DBE Workbook: Act 23, 30 a & b, Callet data about the to answer questions teacher. Use tallies to record of provided. Represent data in talbies - bar graphs Talk about and answer	tion with answers up to stable) gleading to division: ms in context and on problems that and grouping up and grouping up that nerverse (without cols (+, -; =, _)) class or school cosed by the class or school stata in categories or (Darwing a conclusion-	REVISION of Term 1 Addition and subtraction Multiplication and division DBE Workbook: Act 27, 28
	DBE Workbook: Act 1, 2, 3			DBE Workbook: Act 9, 29 3-D objects: • Recognise and nain classroom and in p • ball shapes, (i • box shapes (p • cylinders	spheres)	DBE Workbook: Act 12, 32		DBE Workbook: Act 16, 22		
CORE DID ALL LEARNEF				RS MASTE	ER 2021 S	KILLS?		NEW	PTS/CON	
QUESI	IUN3							CONCE	FIS/CON	IENI

RECOMMEN-	1. Implement at least two Skills Mastery (SM)	NEW
DATION	formative assessments every week.	CONCEPTS/CONTENT
	2. Consolidation of Concepts – 10 minutes – twice a	
	week apply 5-item SM assessments.	
	3. Teacher – can use SM as individual, pair, small	
	group, or whole class activity.	
	4. Aim – to consolidate, remediate and work towards	
	mastery.	
	5. Record – monitor learners who have learning gaps	
	in the REFLECTION section of the Tracker	

WEEKLY PLANNER AND TRACKER

RECOMMENDATION

<u>DIAGNOSTIC TERM 1</u>: Implement DBE Diagnostic – see exemplar – or any similar diagnostic – Based on 2021 core skills (counting, place value, number recognition and operations, etc)

<u>WHEN</u>: Day 1, allow learners to complete individually and/or work with ability groups based on your classroom context.

NUMBER OF ITEMS: Grade 3 = 20 items – depending on your context and ability groups

ITEM BANK: Items can be from previous:

1) BASELINE/READINESS assessment, 2) Assessment Resources in this TRACKER or 3) the DBE Item Bank and 4) PREPARATION: Test, Marking Guideline/s, Marksheet and apparatus.

10 - 1) – 14 January 2022									
	Week 1									
Day	ATP content, concepts, skills		DBE workbook 1	Resources	Date					
1	No Learners at School									
2	No learners at school									
3	Baseline: (Revision/consolidation of Grade 2 core skills) Number Concept Place Value Addition and Subtraction	e	Worksheet 3a (p. 6) Worksheet 3b (p. 8) Worksheet 4 (p. 10) Worksheet 5 (p. 12) Worksheet 8 (pp. 18, 19) Worksheet 6 (pp. 14, 15)							
	Baseline: (Revision, consolidation of Grade 2 core skills) Repeated Addition leading to multiplication Shapes Fractions		Worksheet 1 (p. 2) Worksheet 2 (p. 4) Worksheet 11 (pp. 24, 25) Worksheet 7 (p. 16)							
	Baseline: (Revision, consolidation of Grade 2 core skills)		Worksheet 10 (p. 22) Worksheet 13 (p. 28) Worksheet 14 (p. 30) Worksheet 15 (pp. 32, 33) Worksheet 16 (pp. 34, 35)							
	Reflection									
	ALL THE LEARNERS LEARN THE WEEKLY S? ARE THEY ABLE TO:	What	t will you change next time?	Why?						
•		Stru	ggling Learners Names:							
		НОД):	Date:						

10 – 14 January 2022

17 - 21 January 2022

	Week 2			
Day		DBE Workbook 1	Resources	Date
	•	Worksheet 18 (pp. 38, 39)	Flard cards (see <i>Printable</i> <i>Resources</i>), base ten blocks (see <i>Printable Resources</i>): Written assessment item 1	
7		(pp. 36, 37)	Base ten blocks (see Printable Resources) (remediation only), blank 100 square (see Printable Resources)	
8			101–200 number board, flard cards (see <i>Printable</i>	

	symbols	from 100 to 200		Resources)			
				Written assessment items 2 and 3			
9	Numbers 200 to 300: Recognise, identify, read and write number symbols and names from 200 to 300		Worksheet 23 (pp. 52, 53) Number cards and number name cards 200–300, flard cards (see <i>Printable</i> <i>Resources</i>) Written assessment item				
10	Complet	e and consolidate the week's assessme	nt and work				
CAPS Activi [:]	: Numbe	sment Activity: ORAL – INFORMAL r, operations and relationships: Pla value in numbers up to 99; Observ units	ace value	ssess their ability to work	Mark: / 7		
Mark (perco		Criteria – Rubric					
1 (0%-		Unable to recognise or represent place	ce value in numbers up to 99				
2 (30	%–39%)	Can read numbers up to 99 using face					
3 (40	%–49%)	Can read numbers up to 99 using face	ce value – can correctly identify the units in the number				
4 (50	%–59%)	Can read numbers up to 99 using face number	ce value – can correctly identify the tens and units in the				
5 (60	%–69%)	Able to recognise and represent place example, base ten blocks	value of numbers	up to 99 in concrete displays, f	or		
6 (70	%–79%)	Able to recognise place values in number	ers and can compare pairs of numbers according to size				
7 (80%	%—100%)	Able to recognise place values in numb correctly	pers and can order	r numbers from smallest to grea	atest		
Reflec	ction						
		EARNERS LEARN THE WEEKLY HEY ABLE TO:	What will you ch	ange next time? Why?			
 Recognise the place value of numbers to 99 Describe, order and compare whole numbers Use smaller than, greater than, more than, less than and is equal to. Describe and order from smallest to greatest, 							
 Describe and order from smallest to greatest,		HOD:	Date	9:			

24 – 28 January 2022

Week 3							
Da y	ATP content, concepts, skills	DBE workbook	Resources	Date			
11	Subtraction on a number line: Use a number line to subtract numbers	Worksheet 20a (pp. 42, 43) Worksheet 20b (pp. 44–45)	Number lines (see <i>Printable</i> <i>Resources</i>)				
12	Addition and subtraction:	Worksheet 21a (pp. 46 – 47)					

	appropriate sy		Worksheet 2 (pp. 48 –49)			
13	South African Solve money p	gribe and rachting the	Worksheet 2 (pp. 60, 61)	c t f	Empty containers (cereal boxes, cooldrink cans, tins, washing powder boxes, plastic milk bottles), pictures and cut-outs from supermarket liers, range of play coins and notes o the value of R50 for each pair	
					Written assessment item 6	
14			Worksheet 1 (pp. 40, 41)		Number lines (see <i>Printable</i> R <i>esources</i>) Written assessment item 5	
15	Complete and	l consolidate the week's	s assessment	t and wo	rk	
Week	3 Assessme	nt Activity: ORAL an		AL – IN	FORMAL	Mark:
		erations and relationsh			-	/7
	•		•		arners doing addition this week	
Mark	(percentage)	Criteria – rubric				
1 (0%–29%)	Unable to add correct	ly			
2 (3	80%–39%)	Able to add by count	ing all			
3 (4	0%–49%)	Able to add by count	ing on from	the first	number	
4 (5	0%–59%)	Able to add without co sometimes	ounting but n	nakes se	everal mistakes and lapses back into	counting
5 (6	0%-69%)	Able to add without o	counting but	makes	a few mistakes	
6 (7	/0%–79%)	Able to add in the nu	mber range	without	making any mistakes	
7 (80	%–100%)	Able to add beyond t	he number r	range w	ithout making any mistakes	
		Reflection		1		
	ALL THE LEAR LS? ARE THEY	NERS LEARN THE WEE ABLE TO:	EKLY	What v	vill you change next time? Why?	
 A U B R 	 Use a number line to subtract numbers Add and subtract from 99 Use appropriate symbols (+, -, =, □) Build up and break down numbers 			Strugg	ling Learners names:	
• S c	hange in rand	roblems involving tota or cents		HOD:		Date:
Use a number line to add on in tens and ones						

31 January – 4 February 2022

	Week 4			
Day	ATP content, concepts, skills	DBE workbook 1	Resources	Dat e
	Fives arrays: Solve repeated addition problems up to 50 using fives: Multiply numbers 1 to 10 by 5 and use appropriate symbols (\times , =, \Box)	Worksheet 24 (p. 55)	Written assessment item 7	

17	addition: S	ivalent groups) and repeated Solve repeated addition problems ing twos; Multiply numbers 1 to	Worksheet 2 (pp. 56, 57)	5a Counters Written assessment	
	10 by 2 and use appropriate symbols $(\times, =, \Box)$			item 8	
18	18 Twos arrays: Solve repeated addition problems up to 50 using threes; Multiply		Worksheet 2 (pp. 58, 59)	5b	
		to 10 by 2 and use appropriate $(=, \square)$			
19	repeated addition: Solve repeated addition problems up to 50 using fives; Multiply numbers 1 to 10 by 5 and use appropriate		Worksheet 2 [,] (p. 54)	4 Counters	
20		and consolidate the week's asse	essment and		
CAPS:	work Week 4 Assessment Activity: ORAL and PRACTIC CAPS: Number, operations and relationships: Su Activity: Subtract in the number range 0–100; O				Mark: /7
Mark		Criteria – rubric			
(perce	entage)				
1 (0%–29%) Unable to subtract correctly					
י נטא					
	%–39%)	Able to subtract by all and ther	o counting ba	ick	
2 (30					
2 (30 3 (40	%–39%)	Able to subtract by all and ther	ick from the	first number	ack into
2 (30 3 (40 4 (50	%–39%) %–49%)	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting	ck from the g but makes s	first number several mistakes and lapses ba	ack into
2 (30 3 (40 4 (50 5 (60	%–39%) %–49%) %–59%)	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting counting sometimes	ick from the g but makes s g but makes a	first number several mistakes and lapses ba a few mistakes	ack into
2 (30) 3 (40) 4 (50) 5 (60) 6 (70)	%-39%) %-49%) %-59%) %-69%)	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting counting sometimes Able to subtract without counting Able to subtract in the number r	ick from the g but makes s g but makes a ange without	first number several mistakes and lapses ba a few mistakes making any mistakes	ack into
2 (30) 3 (40) 4 (50) 5 (60) 6 (70)	%-39%) %-49%) %-59%) %-69%) %-79%) %-100%)	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting counting sometimes Able to subtract without counting Able to subtract in the number r	ick from the g but makes s g but makes a ange without	first number several mistakes and lapses ba a few mistakes making any mistakes	ack into
2 (30) 3 (40) 4 (50) 5 (60) 6 (70) 6 (70) 7 (80) DID A THEY	%-39%) %-49%) %-59%) %-69%) %-79%) %-100%) ALL THE LEAI (ABLE TO:	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting counting sometimes Able to subtract without counting Able to subtract in the number r Able to subtract beyond the num Reflection RNERS LEARN THE WEEKLY SKI	but makes a g but makes a ange without uber range without	first number several mistakes and lapses ba a few mistakes making any mistakes	
2 (30) 3 (40) 4 (50) 5 (60) 6 (70) 7 (80) 7 (80) 7 (80) 7 (80) 7 (80) 7 (80) 8 (80) 7 (80) 7 (80) 8 (10) 7 (80) 7 (80) 7 (80) 8 (10) 7 (80) 7	%-39%) %-49%) %-59%) %-69%) %-79%) %-100%) %-100%) % ALL THE LEAI (ABLE TO: Solve repeate Aultiply numb symbols (×, = Solve repeate	Able to subtract by all and ther Able to subtract by counting back Able to subtract without counting counting sometimes Able to subtract without counting Able to subtract in the number r Able to subtract beyond the num Reflection RNERS LEARN THE WEEKLY SKI and addition problems up to 50 us pers 1 to 10 by 5 and use appropriate	but makes a but makes a <u>ange without</u> ber range wi LLS? ARE sing fives: priate	first number several mistakes and lapses ba a few mistakes making any mistakes thout making any mistakes What will you change next t	ime?
2 (30) 3 (40) 4 (50) 5 (60) 6 (70) 6 (70) 7 (80) 7 (80) 7 (80) 7 (80) 8 (80) 7 (80) 8 (80)	%-39%) %-49%) %-59%) %-69%) %-79%) %-100%) %-100%) %-100%) %-100%) %	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting counting sometimes Able to subtract without counting Able to subtract in the number r Able to subtract beyond the num Reflection RNERS LEARN THE WEEKLY SKI ed addition problems up to 50 us pers 1 to 10 by 5 and use approp (,) ed addition problems up to 50 us pers 1 to 10 by 2 and use approp (,) ed addition problems up to 50 us pers 1 to 10 by 2 and use approp	but makes a g but makes a ange without uber range without uber range without uber range without uber range without uber range without strange without uber range with	first number several mistakes and lapses ba a few mistakes making any mistakes thout making any mistakes What will you change next t Why?	ime?
2 (30) 3 (40) 4 (50) 5 (60) 6 (70) 7 (80) 7 (80) 7 (80) 7 (80) 8 (8) 8 (8) 8 (8) 9 (8)	%-39%) %-49%) %-59%) %-69%) %-69%) %-79%) %-100%) % ALL THE LEAI (`ABLE TO: Solve repeate Aultiply numbers Solve repeated Aultiply numbers Solve repeated Solve repeated	Able to subtract by all and ther Able to subtract by counting ba Able to subtract without counting counting sometimes Able to subtract without counting Able to subtract in the number r Able to subtract beyond the num Reflection RNERS LEARN THE WEEKLY SKI ed addition problems up to 50 us pers 1 to 10 by 5 and use approp (,) ed addition problems up to 50 us pers 1 to 10 by 2 and use approp (,) ed addition problems up to 50 us pers 1 to 10 by 2 and use approp	but makes a g but makes a ange without aber range without ber range without aber range aber	first number several mistakes and lapses ba a few mistakes making any mistakes thout making any mistakes What will you change next t Why?	ime?

7 – 11 February 2022

		Week 5						
Day	ATP co	ntent, concepts	, skills	DBE work 1	kbook	Resources		Date
21	and expla that invol ^ı to 50; Div	haring and grou in solutions to pra- ve equal sharing a vide numbers up to opriate symbols (÷,	ctical problems nd grouping up 50 by 2 and	Worksheet (pp. 68, 69		Counters Written asse item 11	ssment	
22	sides: De	bes – straight an escribe, sort and co terms of shape, so d sides	ompare 2-D	Worksheet (pp. 22, 2			ut-outs of a angle, circle, so rcase to put the	
23	sides: De	Des – straight an escribe, sort and co terms of shape, so d sides	ompare 2-D	Worksheet (pp. 24, 25		shape name magazines/a (cylinder, co sphere, prisr	dverts, 3-D sha ne, pyramid,	
24		, consolidate and r formal assessmen						
<u> </u>	Complete	e and consolidate	the week's as	essment :	and			
25	work							Mark
Wee CAPS Activ	work k 5 Asses 5: Patterr vity: Obse le	sment Activity: ns and Algebra: I erve learners cou	ORAL – FORM Number patte unting in fives	AL rns and twos	and u	-	5s to multiply	Mark /7 and
Wee CAPS Activ divid	work k 5 Asses 5: Pattern vity: Obse le RK Crite	sment Activity: ns and Algebra: I erve learners cou eria – Checklist (ORAL – FORM Number patte unting in fives	AL rns and twos	and u	-	5s to multiply	/7
Wee CAPS Activ divid MAR	work k 5 Asses 5: Patterr vity: Obse le RK Crite Able	esment Activity: Ins and Algebra: I Perve learners cou Peria – Checklist (to count in 2s	ORAL – FORM Number patte unting in fives	AL rns and twos	and u	-	5s to multiply	/7
Wee CAPS Activ divid	work k 5 Asses 5: Patterr vity: Obse le RK Crite Able Able	sment Activity: ns and Algebra: I erve learners cou eria – Checklist (to count in 2s to count in 5s	ORAL – FORM Number patter Inting in fives 1 mark for eac	AL rns and twos ch criteric	and u	-	5s to multiply	/7
Wee CAPS Activ divid MAR	work k 5 Asses 5: Pattern rity: Obse le RK Crite Able Able Able	ssment Activity: ns and Algebra: I erve learners cou eria – Checklist (to count in 2s to count in 5s to count 2s and 5s	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array	AL rns and twos ch criteric	and u	-	5s to multiply	/7
Wee CAPS Active divid MAR 1 1	work k 5 Asses S: Pattern vity: Obse le RK Crite Able Able Able Able	sment Activity: ns and Algebra: I erve learners cou eria – Checklist (to count in 2s to count in 5s	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems	AL rns and twos ch criteric	and u	-	5s to multiply	/7
Wee CAPS Activ divid MAR 1 1 1	work k 5 Asses 5: Pattern vity: Obse le Able Able Able Able Able Able	ssment Activity: ns and Algebra: I erve learners cou eria – Checklist (to count in 2s to count in 5s to count 2s and 5s to use 2s in shari	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems ng problems	AL rns and twos ch criteric	and u	-	5s to multiply	/7
Wee CAPS Active divid MAR 1 1 1 1 1	work k 5 Asses 5: Pattern vity: Obse le Able Able Able Able Able Able Able	ssment Activity: Is and Algebra: I erve learners cou- eria – Checklist (to count in 2s to count in 5s to count 2s and 5s to use 2s in shari to use 5s in shari	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems ng problems ing problems	AL rns and twos ch criteric	and u	-	5s to multiply	/7
Wee CAPS Active divid MAR 1 1 1 1 1 1 1 1 1 1 1 1 0	work k 5 Asses S: Pattern vity: Obse le Able Able Able Able Able Able Able	ssment Activity: ns and Algebra: I erve learners cou eria – Checklist (to count in 2s to count in 5s to count 2s and 5s to count 2s and 5s to use 2s in shari to use 5s in shari to use 5s in group to use 5s in group 2 (30%–39%)	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems ng problems ing problems ing problems 3 (40%–49%)	AL rns and twos ch criterio	5 and u	eved) 5 (60%-69%)	6 (70%-79%)	7 (80%-10
Wee CAPS Active divid MAR 1 1 1 1 1 1 1 1 1 1 1 1 0	work k 5 Asses S: Pattern vity: Obse le Able Able Able Able Able Able Able	sment Activity: as and Algebra: I erve learners cou- eria – Checklist (to count in 2s to count in 2s to count in 5s to count 2s and 5s to use 2s in shari to use 5s in shari to use 2s in group to use 5s in group (30%–39%) 2 of 7 criteria	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems ng problems ing problems ing problems	AL rns and twos ch criteric	5 and u	eved)	6 (70%-79%)	and 7
Wee CAPS Active divid MAF 1 1 1 1 1 1 1 1 1 1 0 1 of	work k 5 Asses 5: Pattern vity: Obse le Able Able Able Able Able Able Able	ssment Activity: Ins and Algebra: I erve learners cou- eria – Checklist (to count in 2s to count in 2s to count 2s and 5s to use 2s in shari to use 5s in shari to use 5s in group to use 5s in group (30%–39%) 2 of 7 criteria Reflection	ORAL – FORM Number patter Inting in fives 1 mark for ear s shown in array ng problems ing problems ing problems ing problems 3 (40%–49%) 3 of 7 criteria	AL rns and twos ch criterio 's 's 4 (50%- 4 of 7 c	5 and u on achi -59%) riteria	eved) 5 (60%–69%) 5 of 7 criteria	6 (70%–79%) 6 of 7 criteria	7 (80%–100 7 of 7 crite
Wee CAPS Active divid MAF 1 1 1 1 1 1 1 1 1 0 1 of DID	work k 5 Asses S: Pattern rity: Obse le Able Able Able Able Able Able Able	ssment Activity: Ins and Algebra: I erve learners cou- eria – Checklist (to count in 2s to count in 5s to count 2s and 5s to use 2s in shari to use 2s in shari to use 5s in shari to use 5s in group to use 5s in group 2 (30%–39%) 2 of 7 criteria <u>Reflection</u> LEARNERS LEARN	ORAL – FORM Number patter Inting in fives 1 mark for ear s shown in array ng problems ing problems ing problems ing problems 3 (40%–49%) 3 of 7 criteria	AL rns and twos ch criterio 's 's 4 (50%- 4 of 7 c	5 and u on achi -59%) riteria	eved) 5 (60%–69%) 5 of 7 criteria	6 (70%-79%)	7 (80%–100 7 of 7 crite
Wee CAPS Active divid MAF 1 1 1 1 1 1 1 1 1 1 0 1 of DID ARE • S ttl	work k 5 Asses S: Pattern vity: Obse le Able	ssment Activity: Ins and Algebra: I erve learners cou- eria – Checklist (to count in 2s to count in 2s to count in 5s to count 2s and 5s to use 2s in shari to use 2s in shari to use 5s in group to use 5s in group (2 (30%–39%) 2 of 7 criteria Reflection EARNERS LEARN E TO: explain solutions e equal sharing a nbers up to 50 by	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems ing problems ing problems ing problems 3 (40%–49%) 3 of 7 criteria THE WEEKLY S to practical pro	AL rns and twos ch criteric //s 4 (50%- 4 of 7 c // SKILLS? W oblems to 50	5 and u on achi -59%) riteria	eved) 5 (60%–69%) 5 of 7 criteria	6 (70%–79%) 6 of 7 criteria next time? Wh	7 (80%–100 7 of 7 crite
Wee CAPS Activ divid MAF 1 1 1 1 1 1 1 1 1 1 1 1 0 1 of ARE • S tit • C	work k 5 Asses S: Pattern vity: Obse le Able (************************************	ssment Activity: Ins and Algebra: I erve learners cou- eria – Checklist (to count in 2s to count in 2s to count in 5s to count 2s and 5s to use 2s in shari to use 2s in shari to use 5s in group to use 5s in group (2 (30%–39%) 2 of 7 criteria Reflection EARNERS LEARN E TO: explain solutions e equal sharing a nbers up to 50 by	ORAL – FORM Number patter Inting in fives 1 mark for each s shown in array ng problems ing problems ing problems 3 (40%–49%) 3 of 7 criteria THE WEEKLY S to practical pro nd grouping up 2 and use app	AL rns and twos ch criteric ch criteric s 	5 and u on achi -59%) riteria	eved) 5 (60%–69%) 5 of 7 criteria	6 (70%–79%) 6 of 7 criteria next time? Wh	7 (80%–100 7 of 7 crite

14 – 18 February 2022

14 – 18 Pebluary 20	Week 6			
Day	ATP content, concepts, skills	DBE workbook 1	Resources	Date
26	Data – bar graph and tables: Group to at least 200 objects to estimate and count reliably; Represent data in a table with tallies and frequencies; Represent data in a graph	Worksheet 22 (pp. 50–51)		
27	Data – tallies and tables: Collect data about the class to answer a question posed by the teacher: Use tallies to record data in categories provided	Worksheet 36 (pp. 84–85)	Written assessment item 16	
28	Threes (equivalent groups) and repeated addition: Solve repeated addition problems up to 30 using threes; Multiply numbers 1 to 10 by 3 and use appropriate symbols $(\times, =, \Box)$	Worksheet 27 (p. 62)	Counters	
29	Threes arrays: Solve repeated addition problems up to 50 using threes; Multiply numbers 1 to 10 by 3 and use appropriate symbols (\times , =, \Box)	Worksheet 27 (p. 63)		
30	Complete and consolidate the week's assess	ment and work		
CAPS: Space and s Activity: 2-D shap	es – assess learners' ability to recognise, ic		npare shapes	Mark /7
Mark (percentage)	Criteria – rubric			
1 (0%–29%)	Able to recognise and name squares and circles			
2 (30%–39%)	Able to recognise and name triangles, squares a			
3 (40%–49%)	Able to recognise and name rectangles, triangle			
4 (50%–59%)	Able to recognise and compare rectangles, circl orientations	· ·		
5 (60%–69%)	Able to recognise, sort and compare rectangles, orientation			
6 (70%–79%)	Able to recognise, sort and compare rectangles, orientation	•••	-	
7 (80%–100%)	Able to describe, sort and compare rectangles, orientation	circles, squares a	and triangles in any	
	Reflection			
DID ALL THE LEAR THEY ABLE TO:	NERS LEARN THE WEEKLY SKILLS? ARE	What will you	change next time?	Why?
	ast 200 objects to estimate and count reliably			
•	a in a table with tallies and frequencies	Struggling Le	earners Names:	
 Represent dat Collect data al the teacher 	a in a graph pout the class to answer a question posed by			
	ecord data in categories provided			
	d addition problems up to 30 using threes			
(×, =, □)	ers 1 to 10 by 3 and use appropriate symbols	HOD:		
	d addition problems up to 50 using threes;	Date:		

21 – 25 February 2022

21 - 2	21 – 25 February 2022						
		Week 7					
Day	ATP conter	nt, concepts, skills	DBE workbook 1	Resources	Date		
31	and explain so that involve ea to 30; Divide r	aring and grouping: Solve blutions to practical problems qual sharing and grouping up numbers up to 30 by 3 and use $rmbols$ (\div , =, \Box)	Worksheet 30a (pp. 68- 69)	- Counters			
32	addition: Sol up to 40 using	ve repeated addition problems of fours; Multiply numbers 1 to se appropriate symbols (×, =,	Worksheet 28 (p. 64)	Counters			
33	problems up	s: Solve repeated addition to 50 using fours; Multiply 10 by 4 and use appropriate ;, □)	Worksheet 28 (p. 65)	Written assessment item 12			
34	explain solutic involve equal Divide numbe	ing and grouping: Solve and ons to practical problems that sharing and grouping up to 50; rs up to 50 by 4 and use mbols $(\div, =, \Box)$	Worksheet 30b (pp. 70- 71)	- Counters			
35		d consolidate the week's asses	ssment and work				
00							
		ent Activity: PRACTICAL – FO			Mark:		
		ing: Collecting and represen	-		/7		
		learners' ability to collect, p Criteria – rubric	resent, analyse and li	nterpret data			
	<u>(percentage)</u> 0%–29%)	Collects data					
	30%–39%)	Collects and sorts the data					
3 (4	40%–49%)	Collects, sorts and describes th	e sorted data				
4 (5	50%-59%)	Collects, sorts, describes and o	rganises data in a table				
5 (6	50%–69%)	Organises data in a table and a	answers questions posec	by the teacher			
6 (7	/0%–79%)	Tabulates and represents data	in a pictograph				
7 (8	0%–100%)	-		about data in pictograp	bh		
		Reflection					
DID TO:	ALL THE LEAR	NERS LEARN THE WEEKLY SKI	LLS? ARE THEY ABLE	What will you change time? Why?	e next		
s • D • S	haring and gro Divide numbers Solve repeated Jultiply number	in solutions to practical problem uping up to 30 up to 30 by 3 and use appropria addition problems up to 40 using rs 1 to 10 by 4 and use appropri	ate symbols (÷, =, □) g fours ate symbols (×, =, □)	Struggling Learners	s Names:		
		addition problems up to 50 using in solutions to practical problem		HOD:			
			•				
		uping up to 50 up to 50 by 4 and use appropria	ata aymbola (t	Date:			

<u> 28 February – 4 March 2022</u>

	Diuai	Week 8	022							
Dav	CAR		onto okillo			orkbook 1	Poor			Dat
Day	CAPS	6 content, conc	epis, skills			I ADOUR I	Reso	Juices		e
36	and na	me fractions in fa	a part of a group miliar contexts s, eights, thirds,		(pp. 72		Writte 9	en assessn	nent item	
37	explain involve that ind	equal sharing lea clude unitary fract 5 etc.; Begin to re	apes: Solve and tical problems tha ading to solutions tions, e.g., 1/2, 1, ecognise equivale	at /4,	Worksh (pp. 73		circle (see <i>Reso</i>	paper, fr s, fraction <i>Printable urces</i>) en assessi 10		
38		ete, consolidate a ete assessment	nd revise work.							
39	Place b holiday calenda	irthdays, religious s, historical event ar	s, school events	on a	Worksh (pp. 26		Curre pair)	ent calend	lar (1 per	
40	Consoli	dation assessmer	nt 3 plus remediat	tion						
	ng and	grouping	bility to count i klist: 1 mark fo					with mu	itipies,	
1		Able to count in	3s							
1		Able to count in	4s							
1		Able to count 3s	and 4s shown in a	arrays						
1		Able to use 3s ir	sharing problen	ns						
1		Able to use 4s ir	sharing problen	ns						
1		Able to use 3s in	grouping problen	ns						
1		Able to use 4s in	grouping problen	ns						
	-29%) criteria	2 (30%-39%) 2 of 7 criteria	3 (40%–49%) 3 of 7 criteria		6–59%) criteria	5 (60%–69% 5 of 7 criteri		-	7 (80%–1 7 of 7 crit	
	ontona	Reflection		1011	ontonia	o orr onton	4 0 0	1 officing	1 011 011	
• U • S s 1	Jse and eights, the Solve an Solve an Sharing I JA, 3/4,	E LEARNERS LEAN name fractions in hirds, sixths, fifth d explain solution eading to solution . 2/5	RN THE WEEKLY n familiar context s ns to practical pro ns that include u	ts inclu oblems	iding ha	alves, quarte	ers,	next time Strugglir	II you cha e? Why? ng Learne	
• R • P	1/4, 3/4, 2/5 Names: Begin to recognise equivalent fractions HOD: Read dates on calendar HOD:									

7 – 11 March 2022

		Week 9			
Day		ATP content, concepts, skills	DBE Workbook 1	Resources	Da
41	hours, ha	analogue time: Tell 12-hour time in alf-hours, quarters on analogue clocks al clocks and other digital instruments	Worksheet 32 (pp. 74)	Analogue clock (see Printable Resources), digital clocks Written assessment item 15	
42	Time – calculate time passed: Calculate length of time and passing of time		Worksheet 32 (pp. 75)	Analogue clock (see <i>Printable Resources</i>), digita clock	
43		e, consolidate and revise work. e assessment			
44	in words objects a objects;	tric patterns: Copy, extend, describe simple patterns made with physical and with drawings of lines, shapes or Create own geometric patterns with objects and drawings of lines, shapes ts	Worksheet 47 (p. 109)	Four sets of 4–5 identical items (e.g., pictures of 4 apples, 4 oranges, 4 pears and 4 bananas) per group	
45		e and consolidate the week's assessm	ent and work		
Veek 9) Assessr	nent Activity: PRACTICAL – FORMAL	_		Ma
CAPS: I	Measure y: Observ	nent Activity: PRACTICAL – FORMAL ment: Capacity /e learners' ability to estimate, meas			Ма /7
APS: I Activity apacit	Measure y: Observ	ment: Capacity	sure, compare an	d order according to	-
APS: I ctivity apacit	Measure y: Observ sy	ment: Capacity /e learners' ability to estimate, meas	sure, compare an	d order according to	-
APS: I ctivity apacit	Measure y: Observ y lark	ment: Capacity ve learners' ability to estimate, meas Criteria – Checklist: 1 mark for eac	sure, compare an h criterion achiev e.g., full, empty	d order according to ved	
APS: I ctivity apacit	Measure y: Observ y lark 1 1 1	ment: Capacity re learners' ability to estimate, meas Criteria – Checklist: 1 mark for eac Can use the vocabulary of capacity, e Can estimate capacity in non-standar Can estimate capacity in standard uni cups	Sure, compare an h criterion achiev e.g., full, empty d units, e.g., spoor its, e.g., using 5 m	d order according to red	-
APS: I ctivity apacit	Measure y: Observ y lark 1 1 1	ment: Capacity re learners' ability to estimate, meas Criteria – Checklist: 1 mark for eac Can use the vocabulary of capacity, e Can estimate capacity in non-standar Can estimate capacity in standard uni cups Can measure capacity using non-star	Sure, compare an h criterion achiev e.g., full, empty d units, e.g., spool its, e.g., using 5 m ndard units	d order according to red	-
APS: I ctivity apacit	Measurer y: Observ y lark 1 1 1 1 1 1	ment: Capacity re learners' ability to estimate, meas Criteria – Checklist: 1 mark for eac Can use the vocabulary of capacity, e Can estimate capacity in non-standar Can estimate capacity in standard uni cups Can measure capacity using non-star Can measure capacity using standard	Sure, compare an h criterion achiev a.g., full, empty d units, e.g., spool its, e.g., using 5 m indard units d units	d order according to red	-
APS: I Activity apacit	Measure y: Observ lark 1 1 1 1 1 1 1 1	ment: Capacity re learners' ability to estimate, meas Criteria – Checklist: 1 mark for eac Can use the vocabulary of capacity, e Can estimate capacity in non-standar Can estimate capacity in standard uni cups Can measure capacity using non-star Can measure capacity using standard Can compare two containers accordin	Sure, compare an h criterion achiev e.g., full, empty d units, e.g., spool its, e.g., using 5 m indard units d units ng to capacity	d order according to red	
CAPS: I Activity apacit M	Measurer y: Observ y lark 1 1 1 1 1 1 1 1 1 1	Criteria – Checklist: 1 mark for eacl Can use the vocabulary of capacity, e Can estimate capacity in non-standar Can estimate capacity in standard unicups Can measure capacity using non-star Can measure capacity using standard Can compare two containers accordin Can order a set of containers accordin	Sure, compare an h criterion achiev e.g., full, empty d units, e.g., spoor its, e.g., using 5 m adard units d units d units ng to capacity ng to capacity	d order according to red ns and cups I teaspoons and 250 ml	-
CAPS: I Activity apacit M	Measure y: Observ lark 1 1 1 1 1 1 1 1	ment: Capacityve learners' ability to estimate, measeCriteria – Checklist: 1 mark for eachCan use the vocabulary of capacity, eCan estimate capacity in non-standarCan estimate capacity in non-standard unicCan estimate capacity in standard unicCan measure capacity using non-starCan measure capacity using standardCan compare two containers accordirCan order a set of containers accordir2 (30%-39%)3 (40%-49%)4 (50%-59	A criterion achieve a.g., full, empty d units, e.g., spoor its, e.g., using 5 m adard units d units d units ng to capacity ng to capacity	d order according to red ns and cups I teaspoons and 250 ml (70%–79%) 7(80%–100%)	
CAPS: I Activity apacit M 1 (09 1 of 7	Measurer y: Observ y lark 1 1 1 1 1 1 1 (~-29%) ' criteria	ment: Capacityve learners' ability to estimate, measeCriteria – Checklist: 1 mark for eachCan use the vocabulary of capacity, eCan estimate capacity in non-standarCan estimate capacity in non-standard unicCan estimate capacity in standard unicCan measure capacity using non-starCan measure capacity using standardCan compare two containers accordirCan order a set of containers accordir2 (30%-39%)3 (40%-49%)4 (50%-59	A criterion achieve a.g., full, empty d units, e.g., spool its, e.g., using 5 m adard units d units d units g to capacity mg to capacity (60%–69%) 6	d order according to red ns and cups I teaspoons and 250 ml (70%–79%) 7(80%–100%)	
1 (0% 1 of 7 Reflect DID ALL MBLE TC • Te	Measurer y: Observ y lark 1 1 1 1 1 1 1 1 1 1 1 1 1	ment: Capacityve learners' ability to estimate, measeCriteria – Checklist: 1 mark for eachCan use the vocabulary of capacity, eCan estimate capacity in non-standarCan estimate capacity in non-standard unicCan estimate capacity in standard unicCan measure capacity using non-starCan measure capacity using standardCan compare two containers accordirCan order a set of containers accordir2 (30%-39%)3 (40%-49%)4 (50%-59	Sure, compare an h criterion achieve e.g., full, empty d units, e.g., spool its, e.g., using 5 m ndard units d units its, e.g., using 5 m ndard units d units its of capacity mg to capacity %) 5 (60%–69%) 6 mia 5 of 7 criteria 6 THEY What will Why?	d order according to red ns and cups I teaspoons and 250 ml (70%–79%) 7(80%–100%)	

HOD:	

physical objects and with drawings of lines, shapes or objects Create own geometric patterns with physical objects and drawings of lines, shapes or objects •

Date:

<u>14 - 17 March 2022 (Four-day week)</u>

		Week 1	0						
Day	CAPS	content, conc	epts, skills	DBE Workboo	k 1	F	Resources	D	ate
46	extend	er patterns in 3: and describe num een 0 and 200	: Copy and ber sequences of	Worksheet 29 66)			umber board (s e <i>Resources</i>),	see	
47	extend	er patterns in 4 and describe num een 0 and 200	: Copy and ber sequences of	Worksheet 29 67) Worksheet 9 (pp. 20–21)			umber board (s Resources),	see	
48		te, consolidate ar te assessment	nd revise work.						
49		te, consolidate ar ete assessment	nd revise work.						
50		FTERM		1					
CAPS: N	leasur	ement: Time	: ORAL – INFOR ility to work wit					/3	ark: 7
Mark	c Crit	eria – Checklist: 1	mark for each crit	erion achieved					
1			he calendar month	ns (January to D	ecemb	er)			
1		e to read the calen							
1			es of the days of th		ay to Su	ınday)			
1			days on a calendar						
1			end days on a cale						
1			ates on a calendar						
1			ber of days passed		-		C (700/ 700/)	7/000	4000()
1 (0%-		2 (30%–39%) 2 of 7 criteria	3 (40%–49%) 3 of 7 criteria	4 (50%-59%) 4 of 7 criteria	-	-	6 (70%–79%)	•	%–100%)
1 of 7 c	Interna			4 OF 7 CITIEITA	001	r criteria	6 of 7 criteria	7 01 /	7 criteria
		Reflection	-						
THEY AB	BLE TO:	-	HE WEEKLY SKILI	-	What	will you d	change next tir	ne? W	/hy?
bet	ween 0	and 200	be number sequer		Strug	gling Le	arners Names	6:	
		extend and descril and 200	be number sequer	nces of 4	HOD:				
									Da
					te:				

ASSESSMENT RATIONALE AND RESOURCES

Assessment Term Plan

The assessment term plan gives an overview of

- 1) how the formal and informal assessment programme fits into the weekly lesson plans.
- 2) How the skills mastery assessments fit into the weekly lesson plans

Note:

- The practical and oral activities provided in the tracker link to the lesson activities in the week in which they are to be done.
- The written assessment items and guidelines for marking them are included in this document.
- The Skills mastery assessments aimed at consolidating, revising and remediating skills already covered this year are added at the end of the document.

Written assessment tasks are to be selected and marked by teachers in appropriate lessons according to the lesson plans. Teachers may wish to group the items or use them individually.

Week	and Skills Mastery Activities (Tuesdays and Thursdays)	
1	Baseline Assessment Oral: Activity 1 Numbers, operations and relationships: Place-value	Baseline assessment or the revision activities
2	Oral: Activity 1 Number, operations and relationships – Place value Tuesday Skills mastery Assessment 1 Thursday Skills mastery Assessment 2	Written: Item bank questions 1, 2 and 3 Number
3	Oral and Practical: Activity 2 Number, operations and relationships – Addition Tuesday Skills mastery Assessment 3 Thursday Skills mastery Assessment 4	Written: Item bank questions 4 and 5 Number
4	Tuesday Skills mastery Assessment 5 Thursday Skills mastery Assessment 6	Oral and Practical: Activity 3 Number, operations and relationships – Subtraction Written: Item bank question 6 Number
5	Tuesday Skills mastery Assessment 7 Thursday Skills mastery Assessment 8	Oral: Activity 4 Patterns and Algebra – Number patterns Written: Item bank questions 7 and 8 Number
6	Tuesday Skills mastery Assessment 9 Thursday Skills mastery Assessment 10	Oral: Activity 5 Space and shape – 2-D shapes Written: Item bank questions 11 and 13 Patterns and Space and Shape

	Oral: Activity 7 Numbers, operations and relationships: Multiplication and division strategies Tuesday Skills mastery Assessment 11 Thursday Skills mastery Assessment 12	Practical: Activity 6 Data handling – Collect and represent data Written: Item bank question 16 Data Handling
8	Tuesday Skills mastery Assessment 13 Thursday Skills mastery Assessment 14	Oral: Activity 7 Number operations and relationships – Multiples, sharing and grouping Written: Item bank question 12 Number patterns
9	Oral: Activity 9 Measurement – Time	Practical: Activity 8 Measurement – Capacity Written: Item bank questions 9, 10 and 14 Number and measurement
10	Oral and Practical: Activity 10 Patterns and Algebra – Geometric patterns	Written: Item bank question 15 Measurement

Exemplar Written Assessment ITEMS with marking memos.

These are **<u>Resources</u>** that can be used for written assessment of each curriculum content strand and their memos are given in the following section.

- Written assessment is to be done in addition to oral and practical assessment to carry out meaningful continuous assessment throughout the term. The tracker provides a suggested set of oral and practical assessment activities with rubrics or checklists that can be used to help you carry out your oral and practical assessment of learners.
- You need to plan when you will do a written assessment. We suggest you do it during the lessons in which you are teaching the same content (links to the items are given in the Resources column of the tracker).
- The questions provided here are taken from past written assessment papers that were previously in the lesson plans, but they have been grouped according to content area. We suggest you use selected items as smaller written assessment tasks. This aligns better with the curriculum objective of continuous assessment in Foundation Phase.
- You can choose to mark and record the mark of the selected items OR of an equivalent classwork activity.
- There is one lesson "slot" per week that is assigned for you to catch up or consolidate the lesson plan content covered in the week's lessons. This lesson should also be used for the purpose of carrying out written assessment tasks or to complete oral or practical tasks for that week.

Written assessment item mark breakdown (according to exemplar items)

1. Written assessment items for Numbers, operations and relationships.

There are several assessment items for Number and operations. These are linked in the Resources column of the tracker. You could use the following sheet to record the written assessment marks for Number and operations per learner as the term progresses. You can then add the marks to get a mark out of 31 for each learner. This mark can then be inserted into the column for the total mark for written assessment of Number and operations in the suggested overall exemplar mark sheet.

There is also a column in the overall formal assessment mark record sheet for the total mark per learner for written assessment in each of the other CAPS curriculum strands: Pattern, Space and shape, Measurement and Data handling. The information below summarises the items for these content topics given in the exemplar items.

- 2. Written assessment items for Pattern. Questions 11 and 12 – Marks 3 + 4 = 7
- **3.** Written assessment items for Space and shape. Questions 13 – Marks 12
- 4. Written assessment items for Measurement. Questions 14 and 15 – Marks 3 + 2 = 5
- 5. Written assessment items for Data handling. Question 16 – Marks 9

The exemplar items and suggested marking memoranda for these items are given on the pages that follow the suggested recording sheet.

Written assessment items for numbers, operations & relationships.

Question number	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Total
Mark	3	2	2	2	4	6	3	2	5	2	31
Learner name and surname											

			LEARNER NAME AND SURNAME	(Out of) marks	Week and activity type	TASK/TOPIC/COMPONENT	GRADE 3 MATHEMATICS TERM 1	2. SUGGESTED FORMAL ASSESSMENT MARK RECORD SHEET
				7	4: Oral and practical	Number	TERM	SSESS
				7	8: Oral	Number	-	MENT
				29	Written	Number		MARH
				43		TOTAL FOR NUMBER		(REC
				7	5: Oral	Patterns		ORD S
				7	Written	Patterns		HEET
				14		TOTAL FOR PATTERNS		
				7	6: Oral	Space and shape		
				12	Written	Space and shape		
				19		TOTAL FOR SPACE AND SHAPE		
				7	9: Practical	Measurement		
				5	Written	Measurement		
				12		TOTAL FOR MEASUREMENT		
				7	7: Practical	Data handling		
				9	Written	Data handling		
				16		TOTAL FOR DATA HANDLING		

ITEM BANK FOR WRITTEN ASSESSMENT: EXEMPLAR

	ritten ass restion I	sessment	items fo	r Numbe	ers, (Oper	atio	ns and Relationships	(3)
Co	mplete the f	ollowing:							
	a) 64 =	_tens +	units						
	b) 3 units +	9tens +	= 19	3					
Qı	uestion 2								(2)
Wri	ite this numb	er in words:							(2)
	estion 3				_				
Circ	cle the bigge	st number ar	nd make a cro	oss over the	smalle	est nui	nber.		(2)
	160	106	116	166					
Qu	estion 4								
Wri	te the numb	er symbol fo	or the followi	ng number:					(2)
i	a) Seventy s	ix							
I	b) Two hund	red and nine	<u> </u>					_	
Qu	estion 5								(2)
Use	e the numbe	r lines to cal	culate:						()
i	a) 125 + 30		 30 140 1		170	180	190	200	
	b) 190 – 45					100			
	↓ 100 1	10 120 1	30 140 1	150 160	170	180	190	200	

Question 6

Apples cost 90c. Neo has four 50c coin and two 20c coins.

a) How much money does Neo have?
b) How much will two apples cost?
c) How much money will he have left?
(2)
Question 7
(3)

(2)

(5)

Question 8

I have 9 bags. There are 2 sweets in each bag. How many sweets do I have altogether?

Question 9

There	are	9	boys	and	6	girls.
-------	-----	---	------	-----	---	--------

- a) How many children are there altogether?
- b) How many boys are there? _____
- c) What fraction of the children are boys?
- d) How many girls are there? _____
- e) What fraction of the children are girls? _____

Question 10

Shade one half of each shape below in a different way:

Written assessment items for Numbers, Operations and Relationships: Solutions and mark allocations.

1. (1 mark for the correct answer)	(3)
a) $64 = \underline{6} \text{ tens} + \underline{4} \text{ units}$	
b) $3 \text{ units} + 9 \text{ tens} + \frac{1 \text{ hundred}}{1 \text{ hundred}} = 193$	
2. (1 mark for each correct answer)	(2)
a) eighteen	
b) one hundred and fifty four	
3. (1 mark for each correct answer)	(2)
160 106 116 166	
4. (1 mark for each correct answer)	(2)
a) 76	
b) 209	

5. (1 mark for each correct answer)	(2) + (2)
a) 155 b) 145	
6. (1 mark for the correct answer)	(2) + (2) + (2)
a) $4 \times 50c = R2,00$ and $2 \times 20c = 40c$ b) $2 \times 90c = R1,80$ or $180c$ c) $R2,40 - R1,80 = 60c$	
7. (1 mark for the correct answer and two marks for the number line)	(3)
6 × 5 = 30 < <tr></tr>	
8. 9 × 2 = 18 (1 mark) 18 sweets (1 mark)	(2)
 9. (1 mark for each correct answer) a) 15 b) 9 c) three fifths d) 6 e) two fifths 	(5)
10. (1 mark for each correct answer)	(2)

Written Assessment Items for Patterns

Question 11

Complete the following patterns:

- a) 138,140,142,____,
- b) 76,74,____,70
- c) 60,____,70,75

Question 12

a) Underline the numbers that are not multiples of 4?

32, 21, 28, 27, 36, 24

b) Count in 5s:

___;__; 165; 160; 155

Solutions and Mark Allocation

11. (1 mark for each correct answer)	(3)
a) 144	
b) 72	
c) 65	
12. (1 mark for each correct answer)	(4)
a) 32, <u>21</u> , 28, <u>27</u> , 36, 24	
b) 175; 170	

Written Assessment Items for Space and Shape

(3)

(4)

Question 13

Draw and complete this table

		Name of shape	Number of sides	Are the sides straight or round?
a)				
b)	\triangle			
c)				
d)	\bigcirc			

Solutions and Mark Allocation

13. (1	13. (1 mark for each correct answer)						
a)	square	4	straight				
b)	triangle	3	straight				
c)	rectangle	4	straight				
d)	circle	1	round				

Written Assessment items for Measurement.

Question 14





1 000 ml

340 ml

a) What is the capacity of the milk carton? ______

b) What is the capacity of the Fanta can? _____

c) Which container has the greater capacity?

(3)

Question 15

- a) Write half past 7 in digital time.
- b) Write 05:30 in analogue time.

Solutions and Mark Allocation

14. (1 mark for each correct answer)	(3)
a) 1 000 ml b) 340 ml c) The milk carton	
15. (1 mark for each correct answer)	(2)
a) 07:30 b) 5.30 am	

Written Assessment for Data Handling **Question 16**

The children in your class have dogs, cats, fish and birds as pets.

沅	沅	1	Ş	沅
沃	Ń	沃	1	沅
S	2	沃	1	Ş
沃	浙	2	Ş	1

(9)

a) Use the tally table to sort the data and find the number of each type ofpet.

Pet	Tally	Frequency
dogs		
cats		
birds		

- b) What is the most popularpet?
- c) What is the least popular pet?
- d) What is the difference between the number of cats and the number of birds as pets?

Solutions and Mark Allocation

16. (1 mark for each correct answer)

a)	Pet	Tally	Frequency
	dogs		9
	cats		7
	birds		4

b) dog

c) bird

d)

SKILLS MASTERY ASSESSMENTS

Rationale

- A Skills Mastery Assessment (SMA) is one in which there is an iterative revisiting of skills, topics, subjects or themes throughout the year.
- SMA is not simply the repetition of a topic taught. It requires the deepening of it, with each successive encounter building on the previous one.
- SMA is critical in today's educational environment, especially in mathematics, where we must consistently give our learners the opportunity to revisit and practice skills they have already learned aimed at mastery.
- The traditional practice is to incorporate consolidating, revising or reviewing, through homework, morning work, small group instruction, and even after school math classes. Through SMA we are going to continuously review skills and concepts with our students.
- It makes sense that we would continue to assess their understanding on those same skills by changing the context of the question using C-P-A-W (Concrete – Pictorial – Abstract -Worded)
- When we first teach and assess a skill, many of our students have yet to master it. By incorporating a SMA activity into your classroom, you are providing your students with the opportunity to demonstrate their growth and understanding on a regular basis.
- These regular SMAs help you see where your students are always struggling. You can use the results to guide your small group instruction and customize your lessons and activities to meet the needs of your students, not just the covering of curriculum.

Implementation

- In every lesson plan there are 10 minutes set aside for consolidation and revision, meaning one could apply SMA every day for 10 minutes, before teaching a new concept for that day.
- Each SMA is using a five-item design to ensure teachers can complete it in 10 minutes.
- As a minimum, this Planner and Tracker, recommends the use of Tuesdays and Fridays, but teachers could use every day.
- Each Tuesday and Thursday you are encouraged to take 10 minutes and give a SMA to the whole class, or groups. Learners should be able to take about 5 minutes to complete then the teacher must remediate by addressing errors, misconceptions and misunderstandings.
- Teachers could also use the data from the SMA to help plan small group lessons for the next week.
- Teachers could also pull different students for different skills until the teacher felt confident that the learners were more confident in their responses. Then next week, repeat....new set of SMAs, similar skills being assessed, new data for small group instruction.
- These daily SMAs should be seen as a progress monitoring tool as well. This will prove to be effective in letting teachers know how their most struggling students are progressing.

SKILLS MASTERY SKILLS FOR 5-ITEM ASSESSMENTS

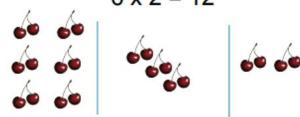
SM Assessment 1	Write the 3-digit numbers
<u></u>	Place value: Complete by filling in the missing number
	Circle the groups of objects that match the equation
	Determine the value: Place value
	Ascending order
SM Assessment 2	Find the number between two numbers
<u></u>	Counting backwards and forwards
	Number operations
	Identify the shape
	Addition: tens and units
<u>SM Assessment 3</u>	Rounding off to the nearest 10
	Word problem: Solve the problem
	Estimate and calculate
	Fractions: Identify half of the shape
	Write an addition and subtraction sum using the number line
SM Assessment 4	Grouping: Calculate
	Growing patterns: Fill in the missing numbers
	Counting backwards
	Counting forwards and backwards in 3s
<u>SM Assessment 5</u>	Multiplication
_	Counting, grouping, repeated addition, arrays and facts: complete
	the table
	Days of the week
	Repeated pattern
<u>SM Assessment 6</u>	Mass: Identify which object is lighter (compare)
	Balancing scale: Identify weight
	Sharing: Write a fraction
	Word sum
<u>SM Assessment 7</u>	Identify the shapes.
	Problem Solving
	Subtract two two-digit numbers - with regrouping
<u>SM Assessment 8</u>	2D shapes – identify the sides
	Comparing shapes
	Congruency
	Perimeter
	Bonds of 10
<u>SM Assessment 9</u>	Problem Solving: learners must show their workings/ methods.
	Fill in the missing numbers – multiplication
	Time: Clocks Calendar – Months
	Arrays - Fractions
<u>SM Assessment 10</u>	Make a repeating pattern
	Counting patterns - up to 100 Subtraction
	Bonds Counting by looking at objects
	Counting by looking at objects
<u>SM Assessment 11</u>	Counting objects and compare
	Identify the number of hands and fingers
	Determine the number symbol and place value.

Write a number sentence Use the breaking down method for addition and subtraction SM_Assessment 12 Growing pattern: Fill in the missing numbers Show a sum on a number line Make a number sentence true: Operations Place value cards: Identify Rounding off Growing pattern SM_Assessment 13 Word sum: Subtraction Division in word problem Complete the next numbers in a pattern counting backwards and forwards SM_Assessment 14 Identify and count how many numbers you see in a picture given Bigger, smaller or equal Write a number sentence to match the sum given Identify greater and smaller SM_Assessment 15 Doubling and halving Calculate how much time passed Determine how many red lines you need to cover a black line given Balance scale: Identify which object is heavier/lighter SM_Assessment 16 Multiplication and grouping Make your own pattern and explain Word sums Use a number line to write a subtraction and division number sentence Divide and colour the shape to show the fraction given		
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Fractions		Addition
Fractions		
		Fractions
	SM Assessment 20	
Word sum: Division	<u>5511 Sussessment 20</u>	-

SKILLS MASTERY EXEMPLARS

Skills Mastery (SM) Assessment 1

Number	Assessment	
1.	Write the 3-digit numbers	
	^{1.} 700 + 70 + 9 2 200 + 90 + 8	
2.	Find the missing numbers:	
	5 + 400 + = 485	
	60 + 8 + = 668	
3.	Circle the group of objects that match the equation:	
	6 x 2 = 12	



 How many cherries are there in that group? _____

 4.
 Determine the value of the underlined digit.

 1.
 <u>6</u>15 = ______2.
 <u>19 = ______</u>

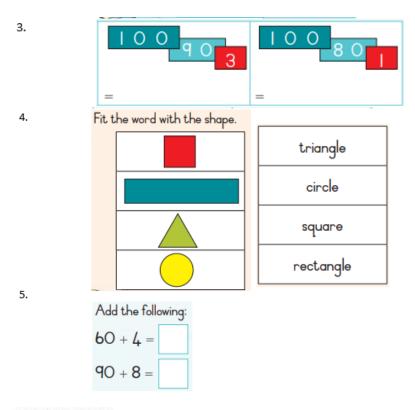
5.

Write the numbers from smallest to largest.

^{1.} 71	^{2.} 41
91	92
53	84
36	90

SM Assessment 2

Number	Assessment		
1.	Which numbers of	ome between:	
	150 and 158		
	172 and 177		
2.	Write down two bigger than the	numbers smaller and two given number.	numbers
	Smaller	Number	Bigger
		157	
		165	



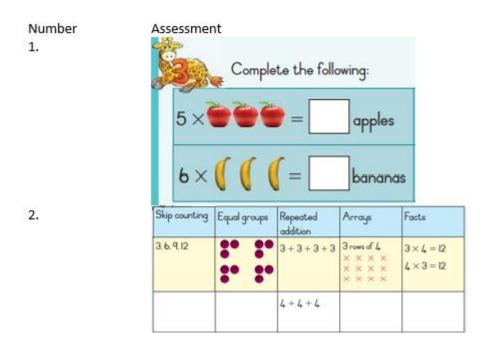
SM Assessment 3

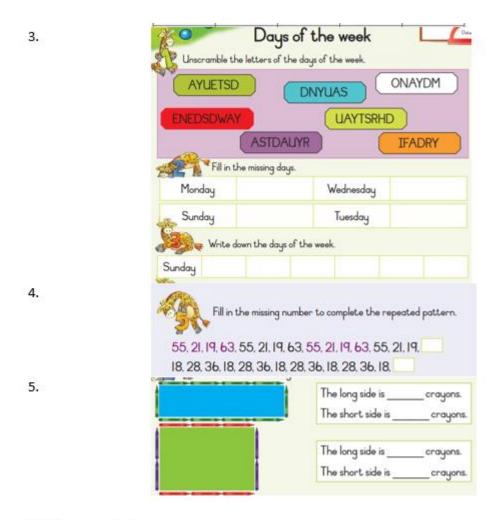
Number	Assessment
1.	Round to the nearest ten. 1. 7 <u>45</u> =2. 6 <u>5</u> 5 =3. 1 <u>8</u> 1 =
2.	The local food bank was receiving donations from the community. They had 40 boxes of pasta sauce in storage and received 47 more boxes last month. How many boxes of pasta sauce are there?
3.	Estimate and then calculate.
	+ Estimate Calculate
4.	Color half of each shape which shows two equal parts.
5.	Write an addition and subtraction sum using the number line.
	Addition sum: Dubtraction sum:

SM Assessment 4

Number	Assessment
1.	2 groups of 7 3 groups of 8
2.	Fill in the missing numbers.
3.	Complete the following counting backwards.
4.	Complete the following by extending the pattern.
5.	Complete the following: 3 6 9
	30 27 24

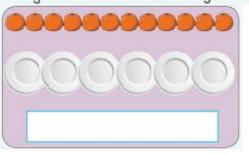
SM Assessment 5





SM Assessment 6

- Share the fruit among the different numbers of friends.
- Say what fraction each friend gets.



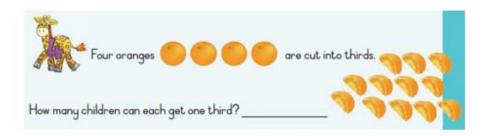


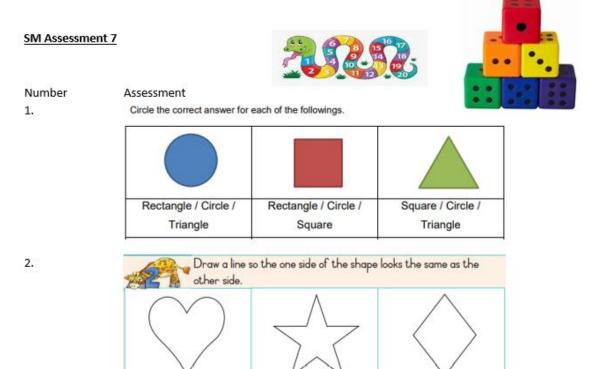
5.

3.

Grandmother gives Kiki 12 oranges. Kiki makes juice with one third of the oranges. How many oranges did she use?







1) 979 -	300 =	2)	443 - 200 =	
How many sh	bapes are there?	What is one half of	f the shapes?	
***	$2 \times 3 = 6$ or $3 \times 2 = 6$	$6 \div 2 = 3$ or $6 \div 3 = 2$	one half of the objects? 3	one third of the objects? 2
			one third of the objects?	one quarter of the objects?



Number

1.

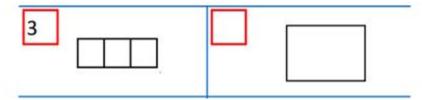
Fill in the following table.

Assessment

Shape	Name	Number of Sides	Number of Vertices
	Triangle		
	Square		

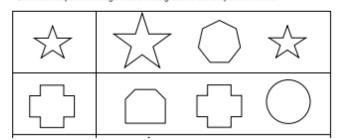
2.

Each rectangle and square below can be made of identical small squares. How many squares are required to fill each shape? The first one is done for you.



Congruent shapes have the same size and shape. Circle the shapes on the right that are congruent to the shapes on the left.

Find the perimeter of the shapes shown below.



4.

5.

3.

3.

 4 cm
 6 ft

 9
 4 cm

 4 cm
 6 ft

 4 cm
 8 inch

 8 inch
 8 inch

a) 8 + 6 = 8 + 2 + 4 = 10 + 4 = 142 4

b) 8 + 4 =

SM Assessment 9

Number 1.	Assessment Find the missing number.	
	1. 2 × 2 =	2. 5 × 2 =
	^{3.} x 2 = 12	4. 🔤 × 2 = 6

 The class is doing a math activity. There are 5 groups of 4 students.

1. How many students are there in the class?

Draw the clock hands to show the time it was or will be.



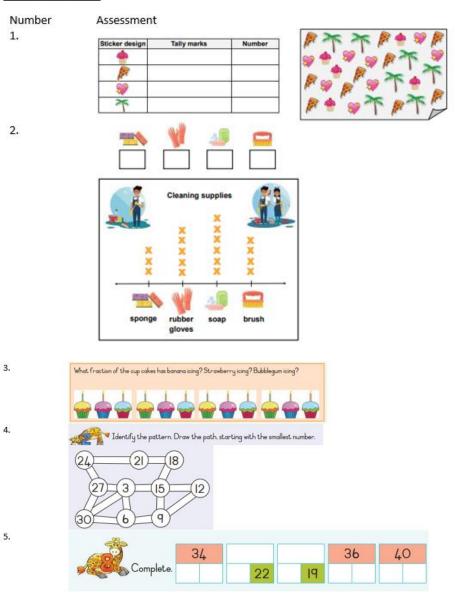


ago?

	Before	This Month		Afte	er	
			February			
			October			
			January			
	Use arrays to show:					
t	One quarter of 12 sweets.		One third of 12 sweets.		One ha 12 swee	

4.

5.



Number	Assessment
1.	1. How many socks? How many children?
	はははずばずずずけ
	JJJJJJJ
2.	2. How many hands? How many fingers?
	We
	AND THE AND

Complete:

number name	number symbol	tens	ones	number sentence
seventy-eight				
forty -four				

4.

Calculate the following by using the 'breaking down' method. (a) 45 + 36 =

			rk space:	Worl
-	 	 	 0 – 23 =	(b) 50

5.

Work space:

Number 1.	Assessment (a) Replace the ? with the correct number .					
	45 55 65 75 85 95 7 115 125 130 135					
2.	(b) Show the following sum: $55 + 20 =$ on the number line. Make the number sentence true. $15 * 25 * 10 = 30$					
	Rewrite the sum in the box below.					
3.	Look at the flard / place value cards.					
	6 0 7					
	(a) Write down the number that it represents.					
	(b) Round off the number to the nearest ten.					
4.	(c) How would the number in (a) change if you change the tens to 9 0					
	Write the number sentence for the above here:					

5. Thato sells hot dogs at R4 each. Make a table to help him find the amount for large orders.

Number of hot dogs	1	2	3	4	5	6
Cost in R	4	8	12			

41

Number

1.

Assessment Mrs Honey buys a burger, coke and ice cream. If she pays for all three items

with a R20 note, how much change does she get? Circle the correct answer.



2.

3.

4.

5.

Teacher has 45 pieces of chalk. She was given another 40 pieces. She shared the chalk equally amongst four of her learners. How many pieces of chalk did each get and how many were left?

(:

	are the n	ext numt	ers?				
(a) 14	45, 144,	143,					-
(b) 13	35, 145,	155,					2
Use th	e numbers	s in the bo	x to comple	te the patter	ns that follov	ν.	
Γ		145			140		
			65	1	16		
	99	120		100	12	25	
					. 101		
(a) 96,	97, 98,						

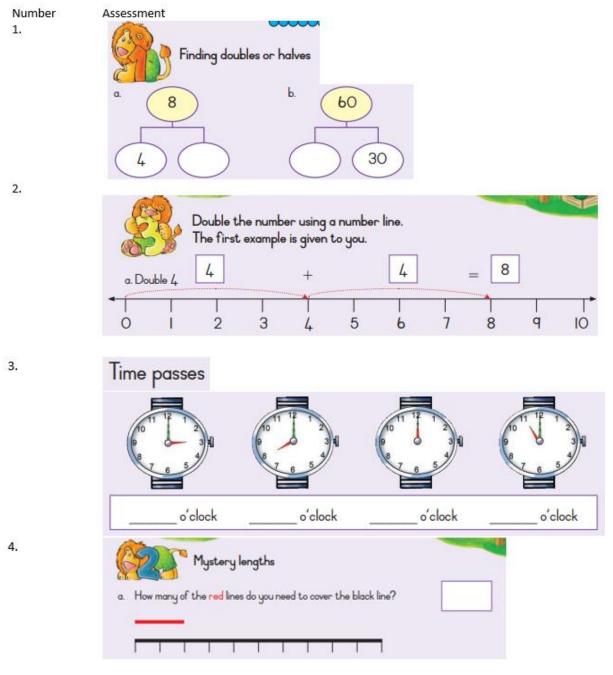
Number	Assessment
1.	NUMBER JUNE
	3 1 10 12 15 4 6 8
	13 19 0 14 18 15 17 3
	4 17 5 8 19 20 14 1 0
	5 15 6 11 15 19 5 7 9 10
	0 14 18 19 1 4 6 8 11 14 2 6 7 9 10 11 13 16 18 20
	2 6 7 9 10 11 13 16 18 20 3 16 19 20 3 5 8 9 10 11
	48911 14 16 18 19 20 16
	10 14 19 20 4 7 9 11 13 18
	5 7 9 10 15 18 19 20 7 9 10
	a) Count and state how many:
	9s, 11s and 20s can be seen on the chart
2.	
	Use the >, < or = sign to complete each number sentence.
	12 15
	630 630
3.	Write the number sentences to match the work below.
	126 > 99
4.	Which number is greater than 7,350?
	A. 7,206
	C. 7,801
	D. 7,060

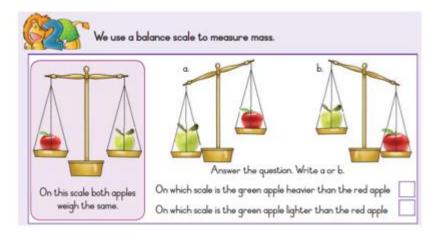
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What is the missing addend in $8 + \triangle = 14$?

- A. 6
- B. 8
- C. 14
- D. 22

SM Assessment 15







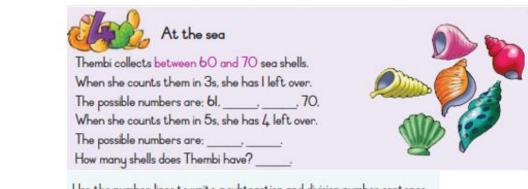
5.

Assessment

1.

3 cows have	legs.	$4 + 4 + 4 = 3 \times 4 = 12$
4 cows have	legs.	
7 cows have	legs.	
8 cows have	legs.	
	jour own patte Il the numbers ar	rns e even. What can the other numbers be?

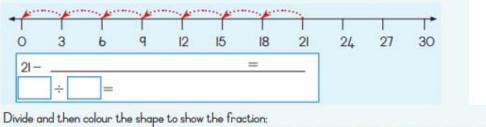
2.



4.

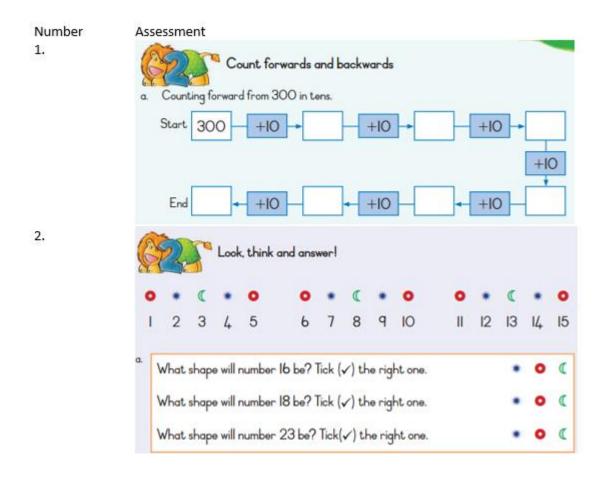
3.

Use the number lines to write a subtraction and division number sentence.



1 1 1 I 2 3 4 5 One third One half One quarter One fifth

5.



47

C		3	ards and back			
а.	232: 234: _		1	: 242:		 _:248
Ь.	500:	: 496:		: 490:		
с.	460:		_; 400;	: 360;		
d.	341:	; 361;	3	: 391:	; 411:	

5.

Writ	te the numbers in words		
90	ninety	41	
77		56	
14		65	

SM Assessment 18

Number	Assessment
1.	1. 19 + 19 =
2.	2. 90 - 18 =
3.	3.9 × 4 =
4.	4. What's halfway between 70 & 80?
5.	5. Value of the 8 in 861?

Number 1.	Assessment 1. 7 × 9 =
2.	2. 72 ÷ 6 =
3.	3. 52 + 85 =
4.	4. 104 - 74 =
5.	7. What fraction of the shape is shaded?

SM Assessment 20

5.

Number 1.	Assessment
	5 3 5
2.	
	2) Share out 20 cards between 5 people. How many cards each?
3.	
	3) Divide 18 eggs into boxes of 6 eggs.
	How many boxes can I fill?
4.	

4) Share 24 chocolates between 4 children. How many chocolates each?

5) Divide 20 pencils into packs of 4. How many packets will I make?



