TRIMMED CURRICULUM DELIVERY

DATA AND ANALYSIS FROM NOVEMBER 2020









DATA COLLECTION INFORMATION

- The survey was conducted by the NECT MQA and Provincial Teams
- Data collection conducted from 17-24 November 2020 a snapshot survey
- SAMPLE SIZE: **100 schools across 6 provinces**: 78 Primary Schools/23 Secondary Schools
- Data collected:
 - ➤ Work completed by learners in DBE workbooks and exercise books
 - > Target questions to the relevant GRADE and SUBJECT teachers











SAMPLE

- Sample total was 100 schools from 6 provinces.
- NECT team successfully conducted surveys in 101 schools :
 - 78 primary schools and
 - 23 secondary schools
- Not all learners' books were available at schools on the day of visit
- Some schools in the sample did not offer the target subject such as EFAL
- Based on the trimmed curriculum guidelines, primary schools were expected to complete the curriculum by 7 December 2020

				PRIMARY	SECONDARY
PR	OVINCES	SAMPLE	TOTAL SURVEYED	NUMBER OF SCHOOLS SURVEYED	NUMBER OF SCHOOLS SURVEYED
	EC	28	28	22	6
	FS	11	11	7	1
	GT	13	16	9	7
	LP	23	23	19	4
	MP	15	16	13	3
	NW	10	10	8	2
		100	101	78	23

DATA COLLECTION

- Teachers were requested to provide set of at least all the books of 2 learners for review.
- Curriculum coverage was rated: 'yes, partial or no'
- Simplified method
- Criteria:
 - Yes = >50%
 - Partial = up to 50%
 - No = did not meet any of the trimmed curriculum requirements
- Benchmark against trimmed curriculum requirements

Review process for learners books:

- Collected data from July to November 2020
- Data on topics, content and skills covered per grade/subject

LEARNER WORK BOOKS SURVEYED

CDADE	EXCERC	ISE BOOKS /FILE	DBE WORKBOOK		
GRADE	EFAL	MATHEMATICS	EFAL	MATHEMATICS	
3	✓	✓	✓	✓	
7	✓	✓	√	NA	
11	✓	✓	NA	NA	

AVAILABLE TIME FOR CURRICULUM COVERAGE

School calendar according to the DBE - 2020

Expected teaching time per term, as prescribed DBE school calendar



	Term 2	Term 3 Term 4		TOTAL	
DBE school calendar	8 weeks	8 weeks	7 weeks	30 weeks 4	154 days
oaioi aa	40 days	40 days	34 days	days	

Revised for 2020

REVISED school calendar for phasing in of GRADES based on the TRIMMED CURRICULUM



	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	TOTAL
3	10	20	20	17	21	89 days
7 AND 11	20	20	20	17	21	99 days

Actual for 2020

Actual of teaching time owing to ROTATION teaching approach



	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	TOTAL
3	5	10	10	9	10	44 days
7 AND 11	10	10	10	9	10	49 days

RECOVERY PLAN 2020: TIMETABLING

TEACHING APPROACHES

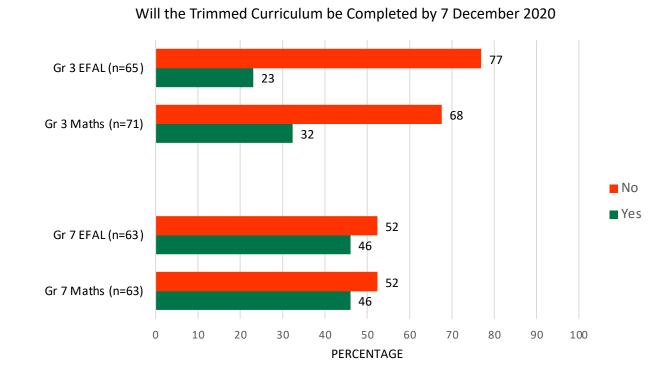
APPRO#	ACH	GRADE 3	GRADE 7	GRADE 11
POTATION	WEEKLY ROTATION	25(35%)	18(26%)	12
ROTATION	DAILY ROTATION	33(46%)	26(41%)	7
PLATOONING		3	19	1
MAINTAIN STATUS QUO		10	1	2

The DBE had a recovery plan for schools to be able adopt <u>an approach</u> in line with the COVID 19 protocols with timetabling guidelines:

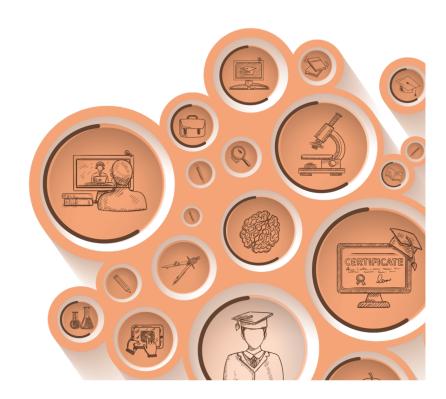
- exit grades (e.g Gr 7) were expected to prioritize teaching time by **teaching daily**
- with the rotation approach actual teaching days are reduced to 44-49 days as indicated on slide 5

WILL THE TRIMMED CURRICULUM BE COMPLETED BY THE 7 DECEMBER 2020?

- This information is based on self reported data
- There was an overwhelming response by Gr 3 teachers stating that they would not complete the curriculum by the 7th December 2020.
- A different picture for the Gr 7 teachers. 52% of teachers said they would not complete the timed curriculum by 7 December 2020
- However, 46% of Maths and EFAL teachers in G 7 said they would manage to complete the trimmed curriculum



Grade 3, 7 & 11 EFAL: TRIMMED CURRICULUM DELIVERY

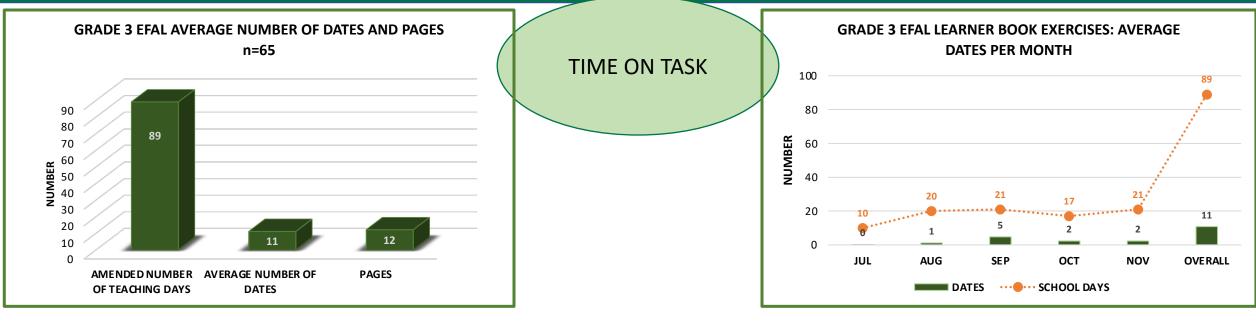








GRADE 3 EFAL: Trimmed Curriculum Delivery

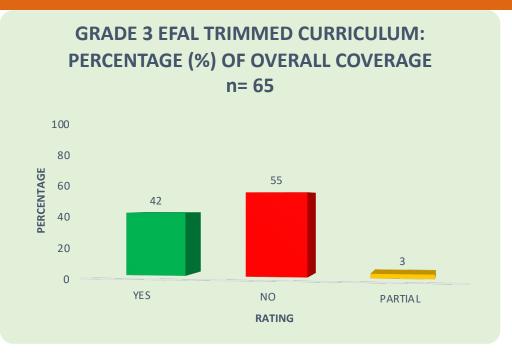


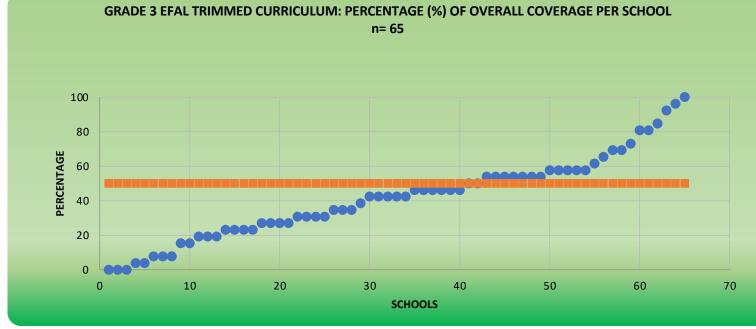
The DBE has a recovery plan for schools **as per the AMENDED 2020 school calendar** to be in line with the **COVID 19 protocols**:

- 89 (Term 2 to 4) teaching days are allocated for **Grade 3**
- Out of 89 teaching days, work completed was observed on an average of 11 days
- An average of 12 pages of work was completed (+/- 1.1 pages per day)

- Overall, Gr 3 learners completed very little written work
- Based on daily rotation, teaching time was reduced to 44 actual days (out of 89)
- Of the 65 schools, 55 had work completed in November
- 7 of the schools showed no further work completed after September

Grade 3 EFAL: Trimmed Curriculum Delivery



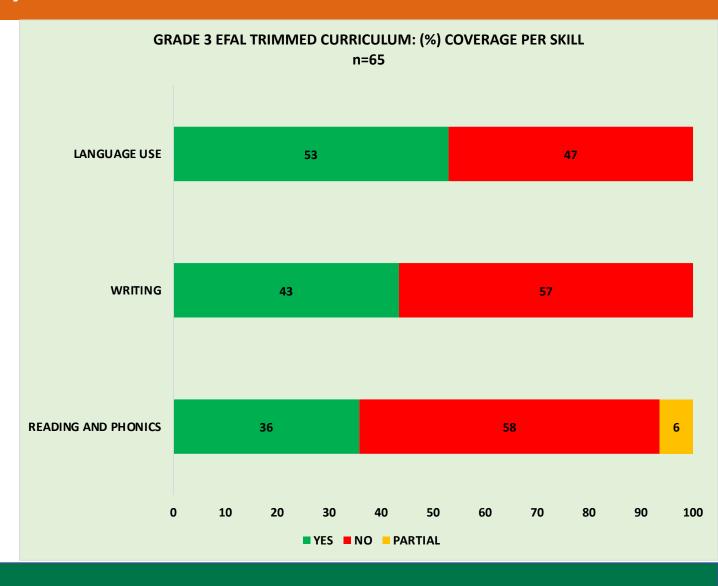


- Only 65 of the 78 schools visited had Gr 3 EFAL books available to analyse
- 42% of the learner books reviewed were on track with the trimmed curriculum.
- 55% of the schools had not covered the trimmed curriculum for EFAL in Grade 3.

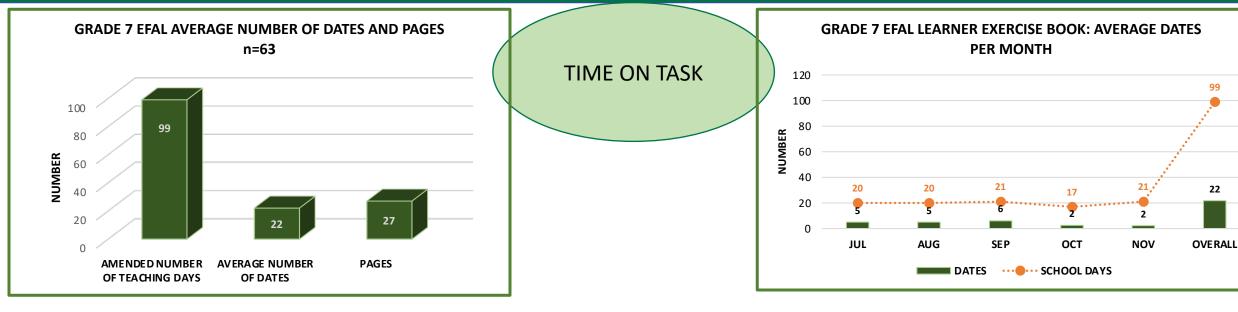
- 3% of the sample of schools had covered the trimmed curriculum partially.
- Only 25 schools had covered 50% or more of the trimmed curriculum.
- Three schools had not covered any of the trimmed curriculum at the time of visit.

Grade 3 EFAL: Trimmed Curriculum Delivery

- 53% of Language Use requirements was covered in the sample of schools visited
- 43% of Writing in the trimmed curriculum was covered in the sample of schools visited
- Reading and phonics has the lowest coverage in the trimmed curriculum (36%)
- No further evidence is available on the lack of work completed in phonics



GRADE 7 EFAL: Trimmed Curriculum Delivery



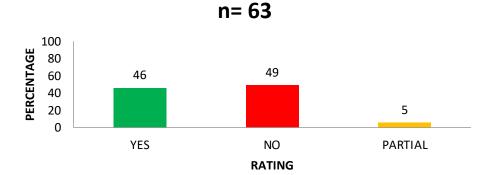
The DBE had a recovery plan for schools **as per the AMENDED 2020 school calendar** to be in line with the **COVID 19 protocols**:

- 99 (Term 2 to 4) teaching days were allocated for Grade 7
- Work was completed on an average of 22 dates of the 99 teaching days
- An average of 27 pages were completed (an average of 1.2 pages per day)

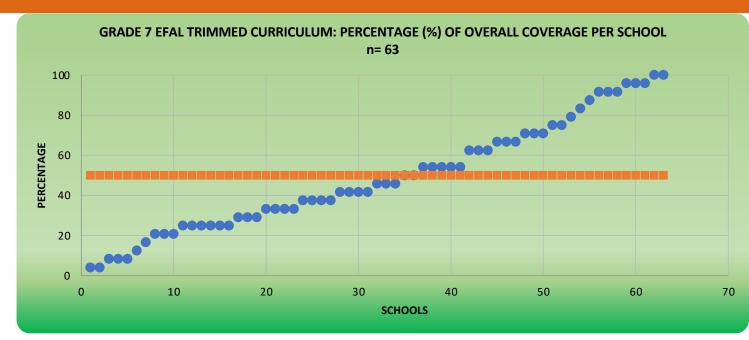
- If these schools were using daily or weekly rotation, they had 49 actual teaching days available
- 51 schools had work completed in November
- 5 schools showed no written work after October
- 6 schools showed no work completed after September

Grade 7 EFAL : Trimmed Curriculum Delivery

GRADE 7 EFAL TRIMMED CURRICULUM: PERCENTAGE (%) OF OVERALL COVERAGE



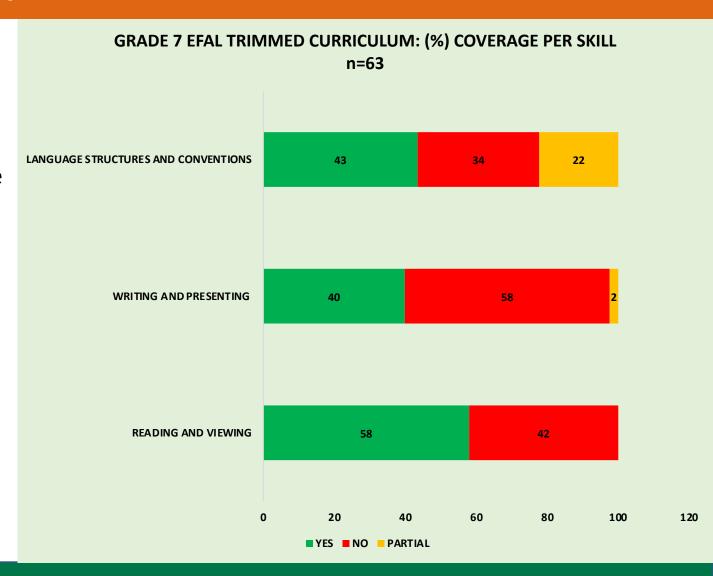
- Of the 78 schools sampled, 63 had Gr7 books available to analyse
- 49% of the schools had not covered the trimmed curriculum
- 5% had covered the curriculum partially

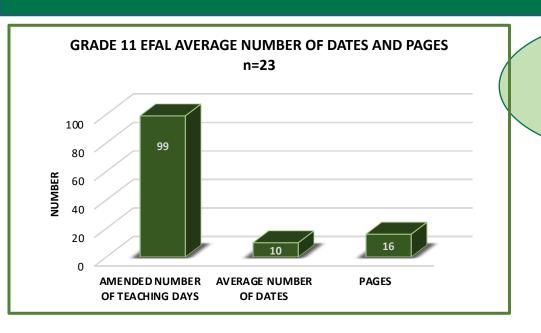


- 29 (46%) of the 63 schools had coverage at or above 50%.
- 10 (15%) of the schools had coverage below 20%.

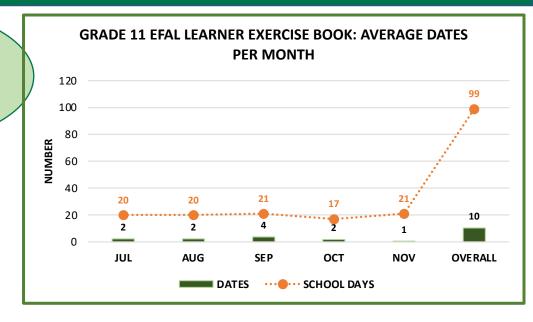
Grade 7 EFAL: Trimmed Curriculum Delivery

- 43% of schools had covered the language structures and conventions requirements.
- 22% of the schools had <u>partially</u> covered the Language Structures and Conventions Curriculum.
- 40% of the schools visited had covered the Writing and Presenting requirements
- 58% of the schools had not covered the Writing and Presenting requirements.
- 58% of the schools were on track with Reading and Viewing requirements.





TIME ON TASK

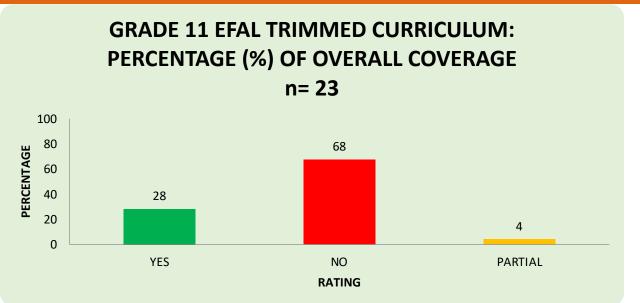


The DBE had a recovery plan for schools as per the AMENDED 2020 school calendar to be in line with the COVID 19 protocols:

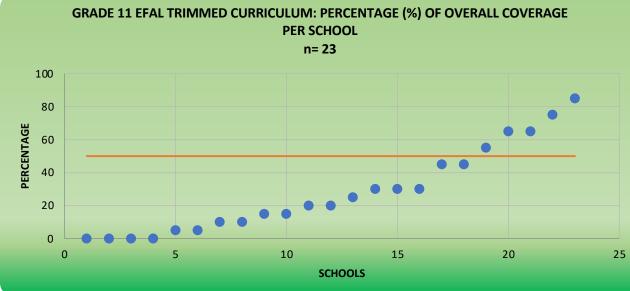
- 99 (Term 2 to 4) teaching days were allocated for Grade 11
- Work was completed on 10 days of the 99 possible teaching days
- An average of 16 pages of work was completed (+/-1.6 pages per day)

- Overall, too little written work was completed for Gr 11
- 16 schools in this sample showed that the last written exercise was completed at the end of October
- 5 schools showed work done in November

Grade 11 EFAL: Trimmed Curriculum Coverage



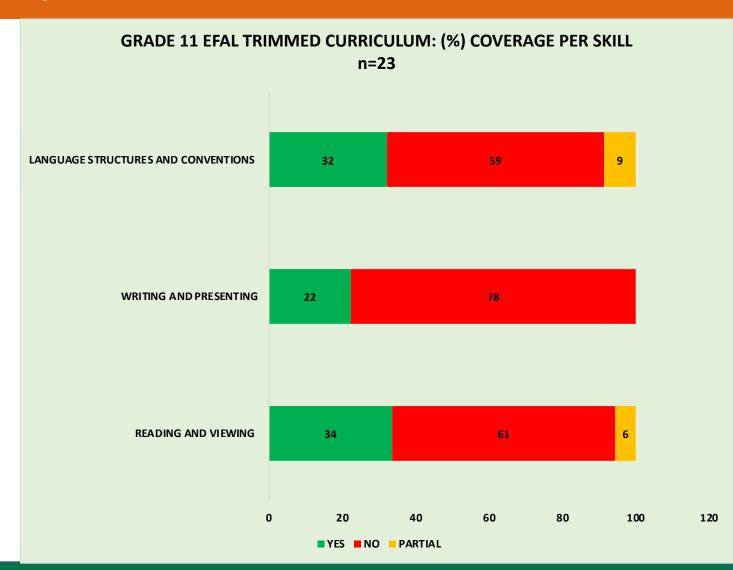
- 28% of the schools visited had covered the trimmed curriculum requirements.
- 68% of the schools had not covered the trimmed curriculum requirements.
- 4% had covered the curriculum partially.



- 5 (22%) of the 23 schools had covered 50% or more of the trimmed curriculum requirements.
- 4 schools showed 0% coverage of the trimmed curriculum requirements.
- Note that some schools had already started Gr 11 final assessments

Grade 11 EFAL Trimmed Curriculum Delivery

- Coverage of language structures and conventions was at 32% for all 23 schools.
- Writing and presenting had the lowest coverage of 22%.
- This implies that learners (78%) did not cover the genres that they needed to have done according to the trimmed curriculum.
- Coverage of reading and viewing was at 34% for the 23 schools visited.
- Inadequate coverage of the Trimmed Curriculum has implications on learners' preparation for Grade 12 and the NSC examinations.



MATHEMATICS: TRIMMED CURRICULUM DELIVERY



Data sources

- NECT team successfully surveyed 101 schools
 - o 78 primary schools
 - 23 secondary schools
- Not all learners' books were available at schools on the day of visit.

For **Mathematics** in the:

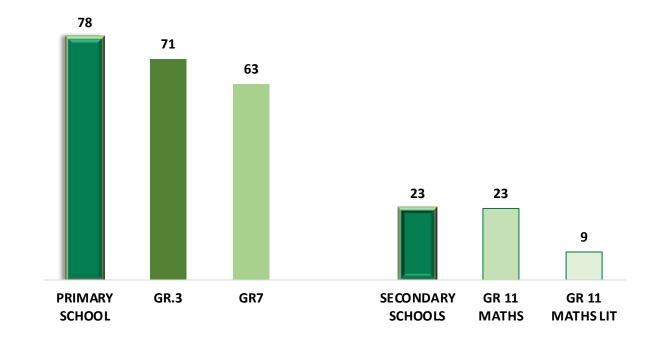
PRIMARY SCHOOLS

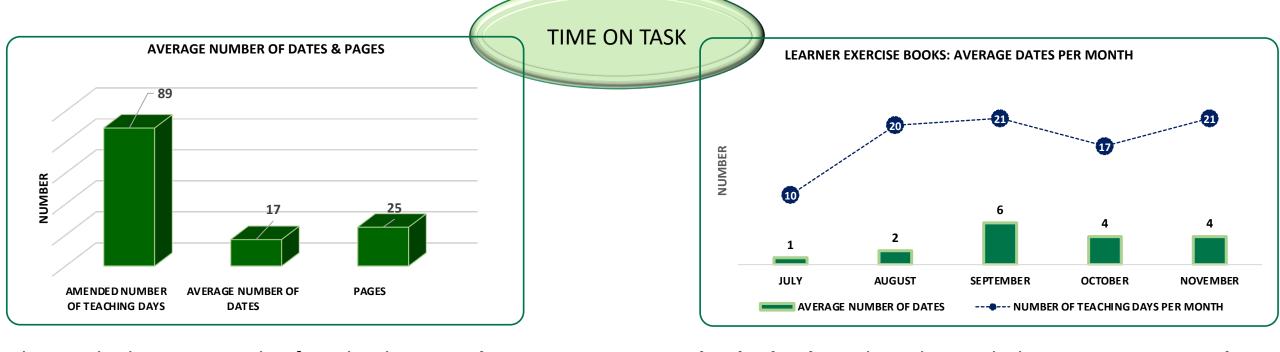
- Grade 3 –71(91%) books surveyed
- Grade 7 **63(81%**) books

SECONDARY SCHOOLS – GRADE 11

- 23(100%) books for Mathematics and
- **9(39%)** schools offered Mathematical Literacy as well

TIMMED CURRICULUM DELIVER 2020: NUMBER OF MATHEMATICS LWB PER GRADE n=101

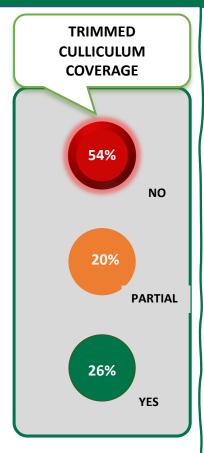




The DBE had a recovery plan for schools as per the AMENDED 2020 school calendar to be in line with the COVID 19 protocols:

- 89 (Term 2 to 4) actual teaching days for Grade 3
- An average of 17 (19%) dates of the 89 possible teaching days with
- An average of 25 pages across resulting
- In an average of 2.6 pages per day

GRADE 3 MATHEMATICS: Trimmed Curriculum Delivery



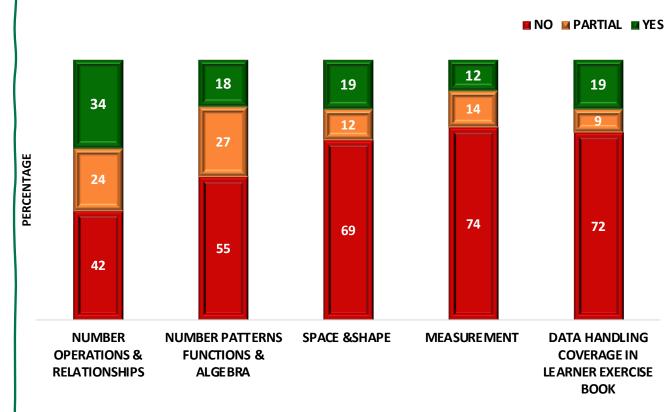
Grade 3 learners were schedule to return to school in July the curriculum coverage for the period of **July to November** found :

- 26% trimmed curriculum coverage
- 20% school have partial curriculum coverage and
- 54% had not covered the trimmed curriculum

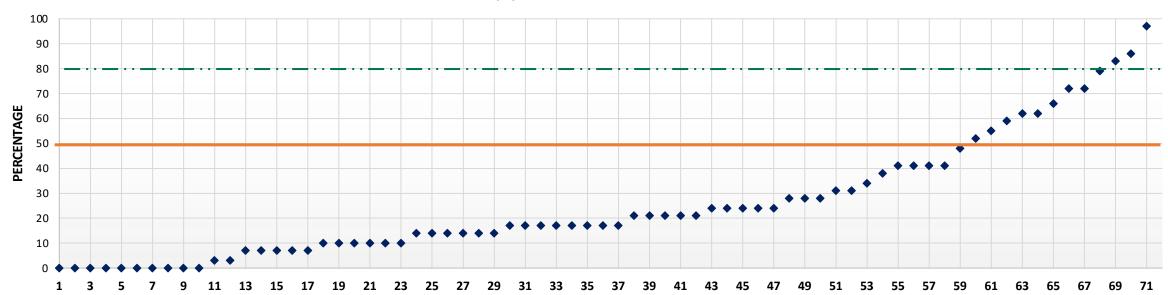
CONTENT AREAS:

- Across the content areas trimmed curriculum delivery is the following:
 - NOR at 34%
 - ☐ PFA at 18%
 - SSP at 10%
 - M at 12% and
 - ☐ DH at 19%
- Measurement was trimmed from 6 topics to 1 an average of 12% coverage was found including removed topics.

TRIMMED CURRICULUM DELIVERY 2020: LEARNER EXERCISE BOOKS



PERCENTAGE (%) OF OVERALL COVERAGE PER SCHOOL



Of the 71 schools surveyed:

- **3(4%)** covered the trimmed curriculum at 80% and above
- 9(13%) covered 50% to 79% and
- 59(83%) school was found to be at 49% and below

KEY

50 - 80% PARTIALLY

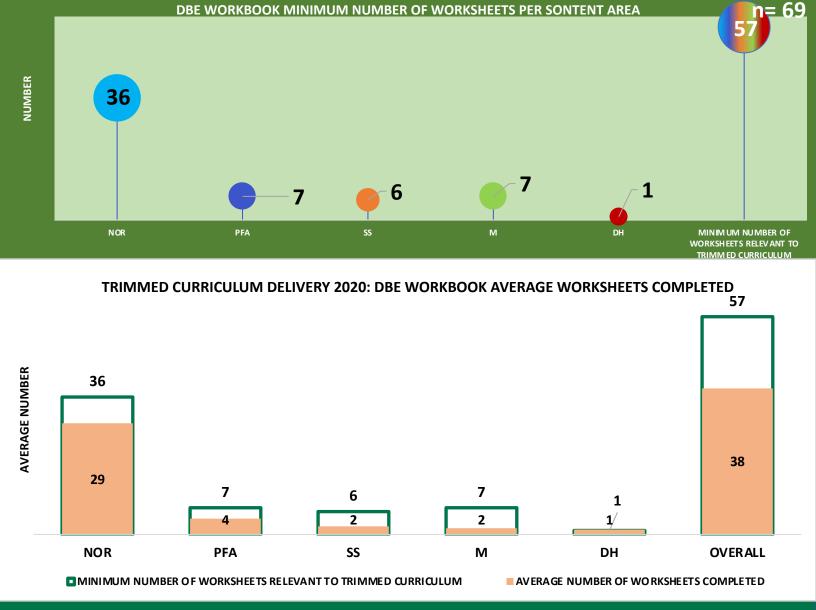
GRADE 3 MATHEMATICS: Trimmed Curriculum Delivery

The **DBE workbook** is a **Mathematics LTSM** resource as **FP has no te**xtbook.

As a practice resources for Mathematics there was a minimum of 57 worksheets across the 5 Content Areas relevant to the trimmed curriculum.

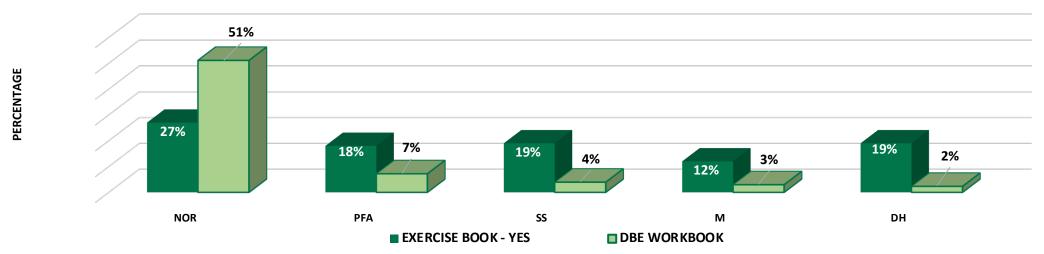
Of the **69 DBE Workbooks surveyed** an average of:

- **38(67%)** of the minimum required worksheets was completed
- **29(51%)** was NOR

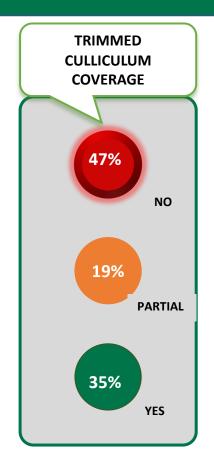


GRADE 3 MATHEMATICS: Trimmed Curriculum Delivery



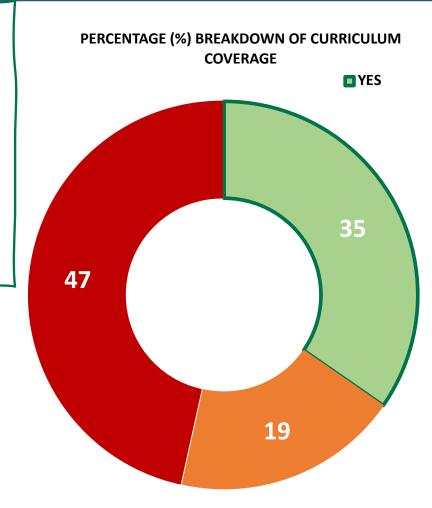


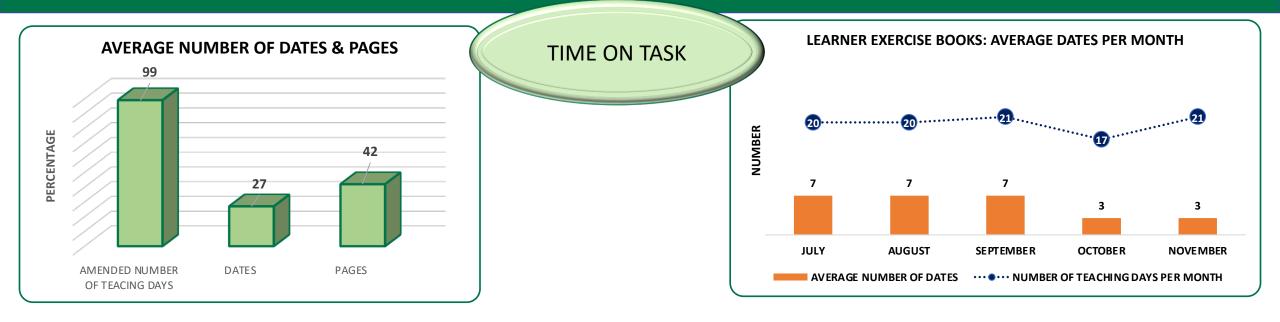
- Grade 3 Mathematics does not have an approved textbook, the DBE workbook is the LTSM for practice, consolidation and remediation towards mastery of Mathematics
- DBE workbook had a minimum of 57 worksheets relevant to the trimmed curriculum.
- 15(51%) of the 34 worksheets for NOR were completed
- The Trimmed Curriculum reduced time allocation for topics, merged and removed some topics for efficiency and coherence such as Measurement(M) and Space & Shapes(SS)
- 14(25%) relevant to SS (Geometry), M(Mass and Capacity) and DH (Data Cycle) of which an average of (2.5)9% was completed across the 3 content areas.



Grade 7 learners were schedule to return to school in July the curriculum coverage for the period of **July to November** found :

- 34% covered the trimmed curriculum
- 10% school had partial curriculum coverage and
- 47% had not covered the trimmed curriculum





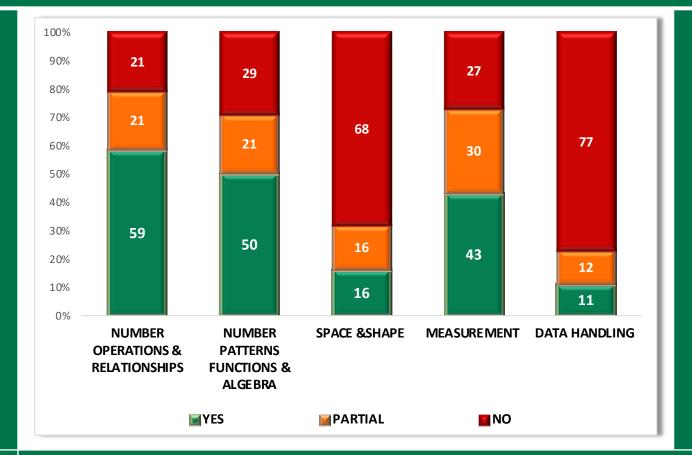
The DBE had a recovery plan for schools as per the AMENDED 2020 school calendar to be in line with the COVID 19 protocols:

- 99 (Term 2 to 4) actual teaching days for **Grade 7**
- An average of 27 (27%) dates of the 99 possible teaching days with
- An average of 42 pages across resulting
- In an average of 1.5 pages per day

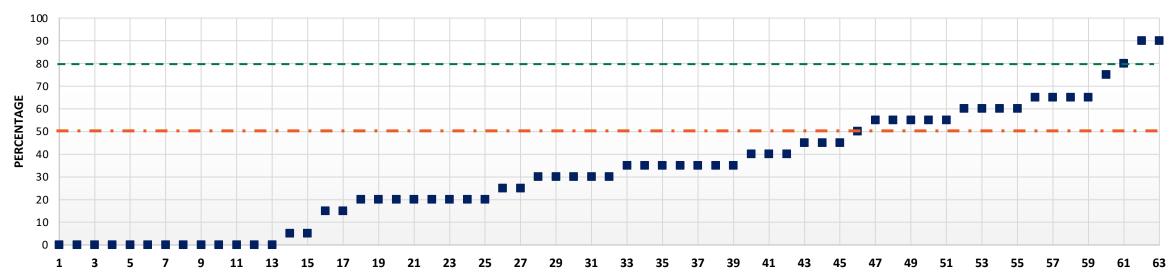
Grade 7 learners were schedule to return to school in July the :

- 35% overall trimmed curriculum coverage
- Across the content areas trimmed curriculum delivery is as follows:
 - NOR at 59%
 - PFA at 50%
 - ☐ SS at 16%
 - M at 43% and
 - DH at 11%
- The Trimmed Curriculum reduced time allocation for topics and moved some topics for efficiency and coherence such as Measurement and Space & Shapes
- SS (Geometry) and DH lagged behind .

TRIMMED CURRICULUM DELIVERY 2020: LEARNER EXERCISE BOOKS



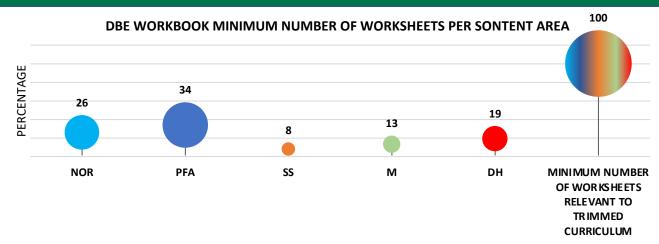




Of the 63 schools surveyed:

- 35% overall trimmed curriculum co
- **3(5%)** covered the trimmed curriculum at 80% and above
- **15(24%**) covered 50% to 79% and
- 45(71%) school was found to be at 49% and below

GRADE 7 MATHEMATICS: Trimmed Curriculum Delivery



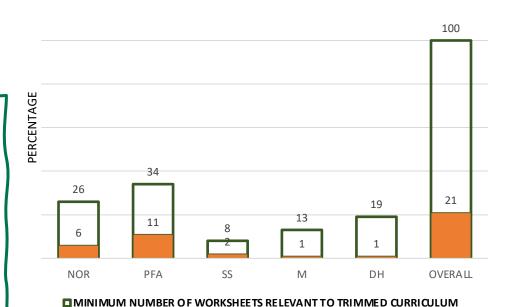
The **DBE workbook** is a **Mathematics LTSM** resource in the.

As a practice resources for Mathematics there was a **minimum of 100 worksheets** across the 5 Content Areas **relevant to the trimmed curriculum.**

Of the **50 DBE Workbooks surveyed** an average of:

- 21(21%) of the minimum required worksheets was completed
- **6(6%)** was NOR
- 2(2%)SS
- 1 (1%)M and DH respectively

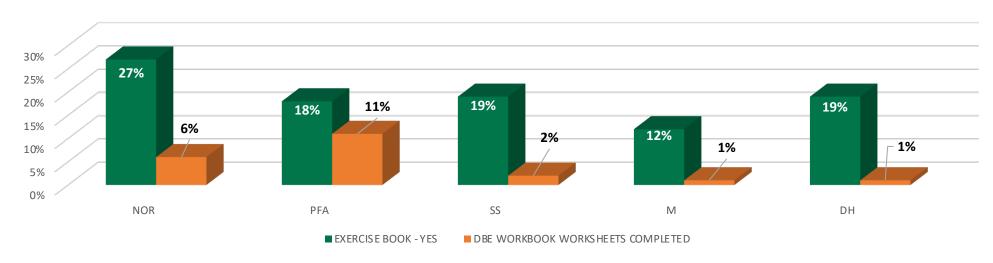
TRIMMED CURRICULUM DELIVERY 2020: DBE WORKBOOK AVERAGE WORKSHEETS COMPLETED



■ AVERAGE NUMBER OF WORKSHEETS COMPLETED

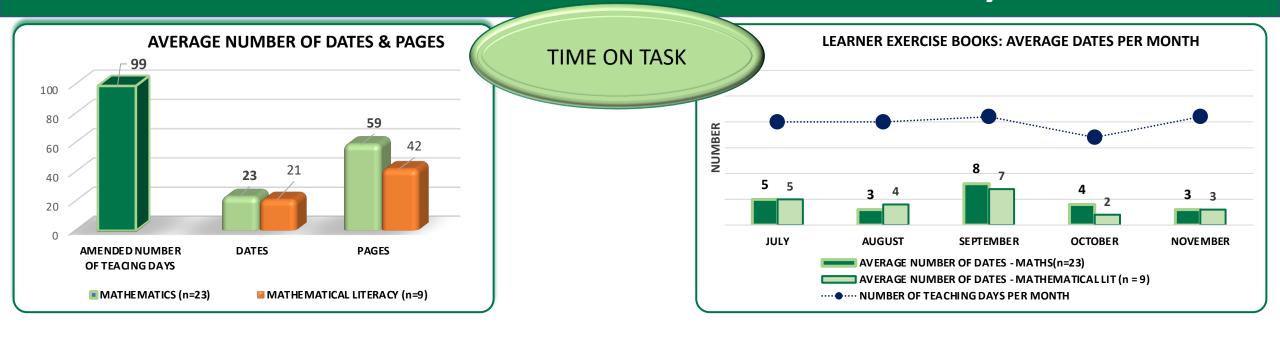
GRADE 7 MATHEMATICS: Trimmed Curriculum Delivery

TRIMMED CURRICULUM DELIVERY 2020: EXERCISE BOOK & DBE WORKBOOK



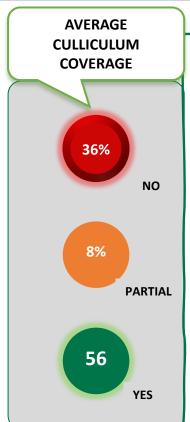
- DBE workbook had a minimum of 98 worksheets relevant to the trimmed curriculum.
- 17(17%) of the 50 worksheets for NOR and PFA were completed
- The Trimmed Curriculum reduced time allocation for topics and moved some topics for efficiency and coherence such as Measurement(M) and Space & Shapes(SS)
- 38(39%) relevant to SS (Geometry), M(Area & Perimeter) and DH (Data Cycle) of which an average of (2)4% was completed across the 3 content areas.

GRADE 11 MATHEMATICS: Trimmed Curriculum Delivery



The DBE had a recovery plan for schools as per the AMENDED 2020 school calendar to be in line with the COVID 19 protocols:

- 99 (Term 2 to 4) actual teaching days for **Grade 11**
- An average of 23 (23%) dates for Mathematics and 21(21%) dates for Mathematical Literacy of the 99 possible teaching days with
- An average of 59 (59,5%) pages for Mathematics and 21(42,4%) pages for Mathematical Literacy across resulting
- In an average of **1.5** pages per day



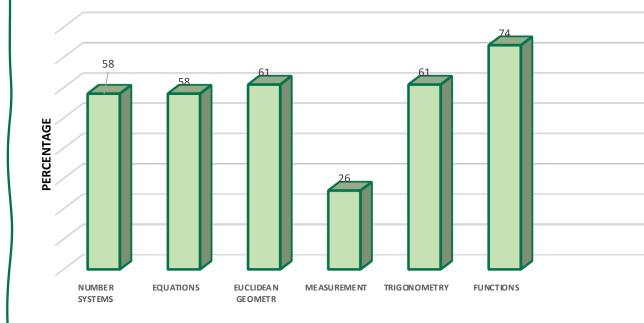
Grade 11 learners were schedule to return to school in July and the curriculum coverage for the period of **July to November** found:

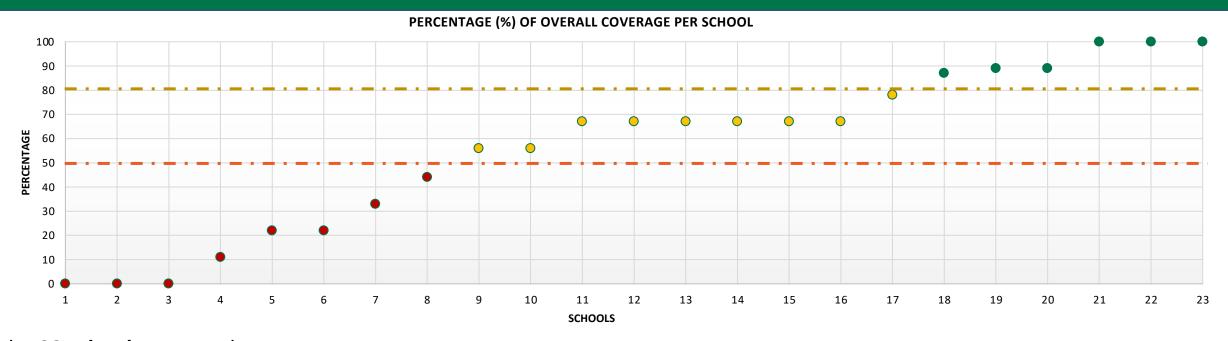
- 56% trimmed curriculum coverage
- 8% school have partial curriculum coverage and
- 36% had not covered the trimmed curriculum

CONTENT COVERAGE:

- 5 of the content areas are above 50%
- Measurement lagging behind with 26%

GRADE 11 MATHEMATICS TRIMMED CURRICULUM: PERCENTAGE (%) COVERED PER CONTENT AREA n=23

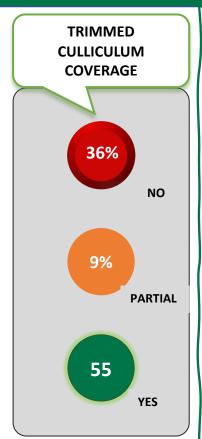




Of the **23 schools** surveyed:

- 6 (26%) covered the trimmed curriculum at 80% and above
- 9 (39%) covered 50% to 79% and
- 8 (35%) school was found to be at 49% and below activities were found in learners exercise books but these topics were not in the trimmed curriculum for Gr 11. E.g. financial maths and stats was removed

0-49% NO



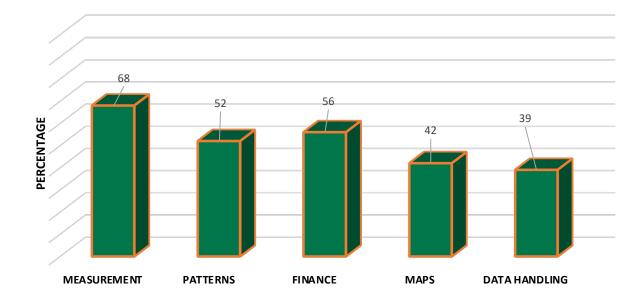
Grade 11 learners were schedule to return to school in July and the curriculum coverage for the period of **July to November** found :

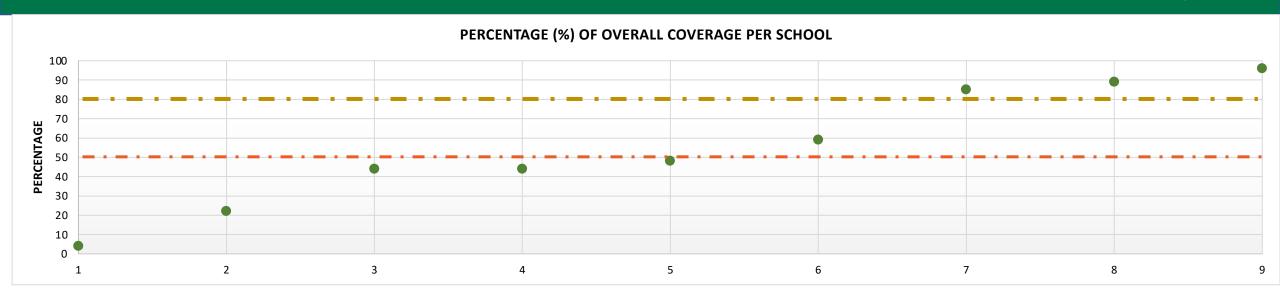
- 55% covered the trimmed curriculum
- 9% school have partial curriculum coverage and
- 36% had not covered the trimmed curriculum

CONTENT COVERAGE:

- 3 of the 6 content areas had above 50% coverage
- 2 lagged behind with an average of 30.5%

GRADE 11 MATHEMATICAL LIT TRIMMED CURRICULUM: PERCENTAGE (%) COVERED
PER CONTENT AREA
n=9





Of the **9 schools** surveyed:

- 3(38%) covered the trimmed curriculum at 80% and above
- **1(11%)** covered 50% to 79% and
- 5(56%) school was found to be at 49% and below

OBSERVATIONS



EFAL: OBSERVATIONS / RECOMMENDATIONS

GRADE 3

CONTENT (SLIDE 8-10)

- 55% of schools in the sample had not completed the trimmed curriculum requirements (65 primary schools)
- 25 of 65 schools sampled had covered at least 50% of the trimmed curriculum
- Of the three skill sets taught in Grade 3, reading and phonics had the lowest coverage in the trimmed curriculum.
- Too little written work was completed by mid November

GRADE 7

(SLIDE 11-13)

- Coverage of the trimmed curriculum varied widely amongst schools in the sample
- Overall, 46% of schools in the sample had covered the trimmed curriculum
- 49% had not covered the trimmed curriculum requirements
- Writing and presenting had the lowest coverage of the three skills with 58% of the schools not having covered the trimmed curriculum requirements

EFAL: OBSERVATIONS / RECOMMENDATIONS

GRADE 11

(SLIDE 14-16)

- Coverage of the trimmed curriculum ranged from 0% (4 schools) to 85% (1 school)
- Overall, 68% of the schools visited did not complete the trimmed curriculum requirements
- Writing and presenting had the lowest coverage, with 78% of the trimmed curriculum not being covered.
- Inadequate coverage of the Trimmed Curriculum has implications on learners' preparation for Grade 12 and the NSC examinations.

GENERAL

(SLIDE 8 - 16)

- Teachers need to maximise time spent on writing across all grades everyday
- Schools need support with strategies to cover the curriculum, including when learners are offsite
- Independent reading should be encouraged and supported as it can be done off site
- Phonics should needs to prioritised
- School and teachers need to establish gaps that may need remediation or to be retaught
- Learners in all grades need to be prioritised, not just exam classes.
- Subject Advisers need to urgently review curriculum completion rates based on empirical data.

MATHEMATICS: OBSERVATIONS / RECOMMENDATIONS

GRADE 3

(SLIDES 19 -24)

- Time on task averaged at 17(19%) dates of written work as per school calendar BUT is at 40% if timetabling approach
 is considered
- 14(20%) of 71 Grade 3 books surveyed had not completed the Trimmed Curriculum
- 38(54%) had covered the trimmed curriculum
- Number Sense which is weighted at 75% in the reorganized curriculum: an average of 34% (content area 1) and 28% (content area 2) was completed, respectively.
- Learners have progressed to Grade 4 with teaching and learning lags and gaps

GRADE 7

(SLIDE 26 -30)

- Time on task averaged at 27(27%) dates of written work as per school calendar BUT is at 55% if timetabling approach is considered
- 29(47%) of 63 Grade 7 books surveyed had not completed the Trimmed Curriculum as time on task was not maximised.
- 22(35%) had covered the trimmed curriculum ensuring learners are adequately prepared for the subsequent year/s in terms of content, skills, knowledge, attitudes, and values
- Learners have progressed to Grade 8 with teaching and learning lags and gaps

MATHEMATICS: OBSERVATIONS / RECOMMENDATIONS

GRADE 11

(SLIDE 31 -35)

- Grade 11s were expected to be at school daily, of the 99 teaching days an average 23(23%) dates of work were observed
- Mastery of maths requires practice on average of 1.5 pages was completed across the 23 dates
- **56%** trimmed curriculum coverage
- **36%** of the **23** schools surveyed did not cover the curriculum
- Grade 11's enter their NSC year with content lags and gaps a baseline NSC assessment and catch up programme should be considered

GENERAL

(SLIDE 17 -35)

- Development of concepts, knowledge and skills, to extend and consolidate for conceptual understanding.
- Efficiency less teaching time but more effective learning outcomes.
- Feasibility analyse and examine the content in the light of the time(TIME ON TASK) and resources (DBE WORKBOOK, PAST PAPERS) available to the schools
- Coherence of content— avoid segmented teaching and ensure that curriculum mapping has horizontal and vertical progression
- Emphasise assessment for learning as a teaching strategy as opposed to assessment of learning to achieve the learning outcomes of each grade and subject

EFAL

OVERALL: RECOMMENDATIONS

- Learners who are proceeding to Grade 4 have gaps in their knowledge and skills which need to be assessed before
 proceeding with new work
- In Grade 7 each school should establish the gaps in content and skills so as to establish the starting point for teaching
- All schools should review which aspects need to be revisited or remediated
- Written work should be done daily in all classes no matter what teaching approach has been selected by the school
- Teachers need more support from Subject Advisors if they are struggling to keep up with the trimmed curriculum
- Gr 11s teachers need to cover all the skills with learners to ensure they will cope with Gr 12

Maths

- Learners who are leaving Foundation Phase to proceed to Gr 4 have teaching and learning lags and gaps.
- Teachers need to establish these learning lags for remediation
- Gr 3 teachers need to focus on covering the content as set out in the trimmed curriculum
- Effective use of the DBE workbook should be made in Gr 3 and Gr 7
- Subject Advisors need to emphasise to teachers they should not cover topics that have been removed from the trimmed curriculum

SUMMARY

- Our purpose in this quick survey was to develop an evidence base on: a) what is being taught; b)
 what is not being taught; c) what needs to be prioritised wrt Curriculum Recovery in 2021.
- Most analysis of 'lost time' in 2020 is based on modelling of some sort. However, we want to highlight the empirical data on lost instructional time and losses in curriculum coverage (learning).
- Those grades which have to follow daily or weekly rotation are losing around 50% of instructional time. This has serious implications for curriculum recovery and remote learning support.
- Its evident to us, even from a sample of 100 schools, that Foundation Phase deserves particular attention. The majority of teachers confirmed that they would <u>not</u> be able to complete the trimmed curriculum by 7 December 2020 and the data shows us the losses in learning.
- Finally, the urgency of Curriculum Recovery in 2021 cannot be disputed. It's clear where learners are transitioning into the next grade with significant gap





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