

2020 REVISED CURRICULUM AND ASSESSMENT PLANS

Mathematics Grade 11

Implementation: June 2020



Presentation Outline

1. Purpose

2. Amendments to the Content Overview for the Phase;

3. Amendments to the Annual Teaching Plan;

4. Amendments School Based Assessment (SBA)

5. Conclusion



1. Purpose

- To mediate the amendments of the trimmed and re-organised 2020 Annual Teaching Plan including School Based Assessment for **Mathematics Grade 11** for implementation in June 2020 as stipulated in **Circular no 2 of 2020**.
- To ensure that **meaningful teaching proceeds** during the remaining teaching time as per the revised school calendar.
- To assist teachers with **guided pacing and sequencing** of curriculum content and assessment.



1. Purpose (continued)

- To enable teachers to **cover the essential core content /skills** in each grade within the available time.
- To assist teachers with **planning** for the different forms of **assessment**.
- To ensure learners are **adequately prepared** for the **subsequent year/s** in terms of content, skills, knowledge, attitudes and values



2. Amendments to the Content Overview for the Phase

Summary: Amendments to the Content Overview for the Phase

Grade 11

- Financial Mathematics and Statistics grade 11 content are removed from the grade 11 Annual Teaching Plan.
- They will not be part of end of year final examination
- Financial Mathematics and Statistics grade 11 content will be taught together with grade 12 content in 2021



Summary: Amendments to the Content Overview for the Phase

Grade 11

- **No Financial Mathematics teaching in grade 11**
- **No Statistics Teaching in grade 11**



3. Amendments to the Annual Teaching Plan

Summary: Reorganisation of content topics

- **Term 2 Content will commence on 17th June 2020.**
- **Functions are shifted to Term 3 due to fewer number of teaching days in Term 2**
- **Financial Maths is discarded in Term 3**
- **Statistics is also discarded in Term 3**
- **Probability is shifted to Term 4**

Summary: Amendment to the weighting of content topics grade 11

Paper	Topic	Weighting (Marks)
1 150 Marks	Algebra	55 (± 3)
	Patterns and Sequences	25 (± 3)
	Functions and Graphs	55 (± 3)
	Probability	15 (± 3)
2 150 Marks	Analytical Geometry	35 (± 3)
	Trigonometry	60 (± 3)
	Euclidean Geometry	55 (± 3)



Summary: Content/Topics Amended

Content/Topics	Term	Amendment
Algebra	1	55 (± 3)
Patterns and Sequences	2	25 (± 3)
Functions and Graphs	2 now 3	55 (± 3)
Probability	3 now 4	15 (± 3)
Finance Growth and Decay	3 & 4 now discarded	Removed
Analytical Geometry	2	35 (± 3)
Trigonometry	1	60 (± 3)
Euclidean Geometry	1	55 (± 3)
Statistics	3	Removed

4. Amendments School Based Assessment (SBA)

Summary: Revised Programme of Assessment

Term 1	Term 2	Term 3	Term 4
Investigation/ Project 20%	Test 20%	Test 20%	Test 20% and FINAL NSC EXAMINATION
Test 20%			



Summary: Revision Final Examination

Structure Grade 11

PAPER	CONTENT	MARKS
PAPER 1	Algebra	55 (± 3)
	Patterns and Sequences	25 (± 3)
	Functions and Graphs	55 (± 3)
	Probability	15 (± 3)
TOTAL		150
Paper 2	Analytical Geometry	35 (± 3)
	Trigonometry	60 (± 3)
	Euclidean Geometry	55 (± 3)
TOTAL		150



Summary: Revision Final Examination Structure

There will be no change in cognitive level differentiation

The four levels of the Mathematics Literacy assessment taxonomy	Grade 11	
	Paper 1	Paper 2
Level 1: Knowledge	20 %	20 %
Level 2: Routine Procedures	35%	35%
Level 3: Complex Procedures	30%	30%
Level 4: Problem Solving	15%	15%



4. Conclusion

- **Ensure that the curriculum is covered completely on topics in the examination structure**
- **Classwork and homework should be done daily**

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