

# 2020 REVISED CURRICULUM AND ASSESSMENT PLANS

## MATHEMATICS GRADE 9

**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 9** for implementation in June 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 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 7	Grade 8	Grade 9
<b>CONSTRUCTION OF GEOMETRIC FIGURES</b>		
As in CAPS	<b>Removed</b>	<b>Removed</b>
<b>GEOMETRY OF 2D SHAPES</b>		
	<p>Investigating properties of geometric figures</p> <p><b>N.B. Provide learners with accurately constructed figures to investigate the properties</b></p>	<p>Investigating properties of geometric figures</p> <p><b>N.B. Provide learners with accurately constructed figures to investigate the properties</b></p>
<b>GEOMETRY OF 3D OBJECTS</b>		
<b>Removed</b>	<b>Removed</b>	<b>Removed</b>

# Content Overview for the Phase

Grade 7

Grade 8

Grade 9

## TRANSFORMATION GEOMETRY

As in CAPS

**Removed**

As in CAPS

## COLLECT, ORGANISE, REPRESENT, SUMMARISE AND INTERPRET DATA

- As in CAPS, however **PROVIDE LEARNERS WITH DATA TO SAVE TIME, i.e. learners must NOT collect data**

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## PROBABILITY

**Removed**

**Removed**

As in CAPS

# **3. Amendments to the Annual Teaching Plan**



# Summary: Reorganisation of content topics

- Topics that are repetitive have been merged and dealt with once, but in depth
- The following have been left out:
  - Topics that have been dealt with in the previous grade without progression
  - Topics that will be dealt with in the next grade with little or no progression
  - Topics that were taught in Term 1, however these topics will be assessed in the end of the year examinations

# Summary: Reorganisation of content topics

- The focus is on new concepts and skills
- Some topics have been moved from one term to the next due to the following reasons:
  - Lack of time in the term
  - To incorporate other topics dealt with
- Topics that link with each other have been dealt with, one after the other



# Summary: Reorganisation of content topics

- Hours in some topics have been reduced due to the following reasons:
  - Repetition, hence merged
  - Amount of work to be done is introductory
- Numbers operations and relationships to be dealt with before all other topics since they form part of almost every topic

# Summary: Content/Topics Amended

Content/Topics	Term	Amendment
2.2 Functions and relationships	3	Reduced from 5 hours to 3 hours and moved from Term 2 to Term 3
2.4 Algebraic Equations	3	Reduced from 9 hours to 4.5 hours and moved to Term 3 New concept is equations that involve factorisation
2.5 Graphs	3	Reduced from 12 hours to 6 hours. Focus on straight line graphs
3.1 Geometry of 2 D shapes	3	Moved from Term 2 to Term 3

# Summary: Content/Topics Amended

Content/Topics	Term	Amendment
3.2 Geometry of 3 D objects		Removed
3.3 Geometry of straight lines	3	Reduced from 9 hours to 4.5 hours and moved from Term 2 to Term 3
3.4 Transformation Geometry	4	Reduced from 9 hours to 7 hours. Exclude rotations
4.1 Area and Perimeter of 2D shapes	4	Moved from Term 2 to Term 4 to be done with Theorem of Pythagoras for 6 hours (see 4.3)

# Summary: Content/Topics Amended

Content/Topics	Term	Amendment
4.2 Surface Area and Volume of 3D objects	3	Moved from Term 3 to Term 4
4.3 Theorem of Pythagoras	4	Moved from Term 3 to Term 4. To be done with Area and Perimeter of 2 D shapes for 6 hours (see 4.1)
5.1 and 5.2 Collect, organise represent and summarise data	4	Reduced from 10.5 hours to 7 hours and merged with 5.3
5.3 Interpret, Analyse and report data	4	Reduced from 10.5 hours to 4,5 hours, merged with 5.1 and 5.2

# **4. Amendments School Based Assessment (SBA)**

# Summary: Revised Programme of Assessment

Term 1	Term 2	Term 3	Term 4
Assignment		Assignment Investigation	Test
Test			Examination

For mark allocation per task see Abridged CAPS Section 4  
No June Examination  
No Project



# Summary: Revision Final Examination Structure

As in Abridged CAPS Section 4

## Paper 1

- Numbers, operations and relationships,
- Patterns, Functions and Algebra

## Paper 2

- Space and Shape
- Measurement
- Data Handling

# 4. Conclusion

# Conclusion

- The revised CAPS must be used in conjunction with clarification notes in CAPS.
- For tests and examinations, mark allocation will apply in accordance with 'Reorganised' CAPS.
- Cognitive levels and weighting of content areas will apply in accordance with CAPS

**N.B. 'Reorganised CAPS' document is an interim arrangement due to COVID 19**

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THANK  
YOU

