

# MATHEMATICS GRADE 7-9

## SECTION 4 CHANGES



# PRESENTATION OUTLINE

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3. MINIMUM NUMBER OF FORMAL ASSEMENT TASKS TO BE ADMINISTERED
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  - SBA
  - END OF THE YEAR EXAMINATION
8. CALCULATION OF FINAL MARK FOR THE LEARNER



# PURPOSE

- To outline the changes in CAPS Section 4.
- To indicate the minimum number and type of formal assessment tasks to be administered per term.
- To determine the minimum suggested marks per task.
- To outline the assessment guidelines per Grade for Examinations (June and End of the Year) and the suggested marks per topic.
- To determine the weighting of assessment tasks for reporting purposes (per term).
- To indicate the weighting of tasks for progression and promotion purposes (SBA and End of the Year examination).
- To calculate the FINAL percentage mark for the learner.

# FORMS OF ASSESSMENT TASKS

There are 5 forms of formal assessment tasks in Mathematics:

- Assignment
- Investigation
- Test
- Project
- Examination



# CHANGES IN NUMBER OF FORMAL ASSEMENT TASKS PER TERM

TERM	CAPS (p. 155)		REVISED SECTION 4 (p. 3)	
	NUMBER	FORM	NUMBER	FORM
1	2	Test	2	Test
		Assignment		Assignment
2	3	Test	2	Investigation
		Investigation		Examination
		Examination		
3	3	Test	2	Test
		Assignment		Project
		Project		
4	3	Assignment	1	Examination
		Investigation		
		Examination		
Total	11		7	

# MINIMUM SUGGESTED MARKS PER ASSESSMENT TASK

- The following are the minimum suggested marks for each assessment task except examinations.

GRADE	TEST	ASSIGNMENT	INVESTIGATION	PROJECT
GRADE 7	40 marks	50 marks	40 marks	50 marks
GRADE 8	50 marks	50 marks	40 marks	50 marks
GRADE 9	50 marks	50 marks	50 marks	50 marks



# MINIMUM SUGGESTED MARKS PER ASSESSMENT TASK

- For examinations (June and End of the Year), two papers have been suggested per grade per examination.
- The following are the minimum suggested marks and Content Areas per paper per grade.

PAPER	CONTENT AREAS	GRADE 7	GRADE 8	GRADE 9	DURATION
1	Numbers, Operations and Relationships Patterns, Functions and Algebra	50 marks	60 marks	75 marks	1 $\frac{1}{2}$ hour per paper
2	Space and Shape, Measurement and Data Handling ( <b>where applicable</b> )	50 marks	60 marks	75 marks	

# ASSESSMENT GUIDELINES

- Table 4.3.1 to 4.3.12 indicate the assessment guidelines for examinations (June and End of the Year) per grade (see pages 7 -12).
- Each topic is allocated minimum marks that can vary by  $\pm 2$  marks.
- Should the minimum suggested marks **be exceeded**, use the percentage mark to calculate the mark allocation per topic, i.e.

***Mark allocation per topic = % mark per topic  $\times$  total mark for the paper***

**N.B. % mark per topic is always out of 100**





# WEIGHTING OF ASSESSMENT TASKS FOR REPORTING PURPOSES (PER TERM)

- The total weighting of assessment tasks per grade per term is 100 %.
- The weighting for assignment, investigation and project is 40 % per task.
- The weighting for tests and June examination is 60 % per task.
- To calculate the percentage mark for each task per term, multiply % mark for the task for the learner by the % weighting for that particular task , i.e.

$$\% \text{ mark per task} = \frac{\text{learner mark}}{\text{total per task}} \times 100 \times \text{weighting for the task}$$

**N.B. weighting is a percentage, thus always out of 100**

- To calculate the overall % mark for the term, add the percentage marks for the two tasks per term.

# WEIGHTING OF ASSESSMENT TASKS FOR PROGRESSION AND PROMOTION PURPOSES



# SBA AND ITS WEIGHTING

- All tasks (Assignment, tests, investigation, June examination and Project) except the End of the Year Examination form School Based Assessment (SBA).
- The weighting for SBA for Grades 7-9 is **40%**.
- The table below indicates the weighting of each task for SBA.

Test	Assignment	Investigation	June examination	Project
6 %	8 %	6 %	8 %	6 %

N.B. There **are 2 tests** and **each test** has a weighting of 6 %.

# SBA AND ITS WEIGHTING

- To calculate the percentage mark for each task for SBA, divide the learner's mark by the total mark for the task and multiply by the weighting of that task, i.e.

$$\% \text{ mark per task} = \frac{\text{learner mark}}{\text{total per task}} \times 100 \times \text{weighting of the task}$$

**N.B. weighting is a percentage, thus always out of 100**

- To calculate the total SBA mark for the learner add all the above % marks.



# END OF THE YEAR EXAMINATION AND ITS WEIGHTING

- The % weighting for End of the Year exam for Grades 7-9 is **60%**
- To calculate the percentage mark for End of the Year Examination, divide the learner's mark by the total mark for the two papers and multiply by 60, i.e.

$$\% \text{ mark for End of the Year exam} = \frac{\text{learner mark}}{\text{total per task}} \times 60, \text{ or}$$

multiply the learner's % mark for the exam by 60%, i.e.

$$\% \text{ mark per task} = \frac{\text{learner mark}}{\text{total per task}} \times 100 \times 60\%$$

# OVERALL MARKS FOR THE LEARNER

- To calculate the overall % mark for the learner, add the % for SBA and % for End of the Year Examination, i.e.

*Total % mark = % mark for SBA +  
% mark for End of the Year Examination*



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