



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

ANNUAL NATIONAL ASSESSMENT 2015 ASSESSMENT GUIDELINES MATHEMATICS: ENGLISH GRADE 1

INTRODUCTION

The 2015 cycle of Annual National Assessment (ANA 2015) will be administered in all public and designated¹ independent schools in September 2015. During this period all learners in Grades 1-3 will write nationally set tests in Language and Mathematics. The results will be used to report progress related to achieving the goals set in the *Action Plan 2014, Towards Schooling 2025*.

The ANA tests will be written during the third school term and therefore the Department of Basic Education (DBE) has developed Assessment Guideline documents provided for each grade and subject (Language and Mathematics) that outline the minimum curriculum content that must be covered by all learners prior to the writing of the test. The Assessment Guidelines set the limits of the scope of work that will be covered in the test for each grade and subject. The ANA 2015 Assessment Guidelines have been designed in line with the versions of the curriculum that are being implemented in the phase.

FOUNDATION PHASE

In Grades 1-3, the tests will cover work that is prescribed for the first three quarters of the school year. For these grades the Assessment Guidelines are arranged in three columns and rows. The content area to be assessed is specified in the first column, the topics in the second column and the specific skills/competencies to be assessed are indicated in the third column.

It is important to note that the ANA 2015 Assessment Guidelines do not imply that the delimited scope is all that must be taught and learnt during the school year. Instead, the Assessment Guidelines provide the basic minimum curriculum that must be covered by the end of the third school quarter.

Teachers are expected to use these Assessment Guidelines together with the other resources for their teaching and assessment programs.

¹ "Designated" independent schools are those that will apply and register either their Grade 3 or 6 learners to participate in ANA for purposes of securing State subsidy.

CONTENT AREA	TOPICS	SKILLS/COMPETENCIES ASSESSED To assess if the learners can:
Numbers, operations and relationships	Count forwards and backwards	Count in: <ul style="list-style-type: none"> - Ones from any number between 0-80 - Tens from any multiple of 10 between 0-80 - Fives from any multiple of 5 between 0-80 - Twos from any multiple of 2 between 0-80
	Number symbols and number names	Write number symbol 1 to 20. Write number names 1 to 10.
	Describe, compare and order numbers	Compare a collection of objects according to many, few, most, the same as, etc. Compare and order whole numbers from smallest to greatest and greatest to smallest up to 15 Before, after, in the middle/between
	Problem-solving techniques	<ul style="list-style-type: none"> - Pictures to draw the story sum. - Building up and breaking down numbers. - Doubling and halving - Number line
	Addition and subtraction	Solve word problems in context involving addition and subtraction with numbers up to 15
	Repeated addition leading to multiplication	Solve word problems in context involving repeated addition with answers up to 15
	Grouping and sharing leading to division	Solve word problems in context involving equal sharing and grouping with whole numbers up to 15 and with answers that may include remainders
	Money	Solve money problems involving total and change to R20 and in cents up to 20c

CONTENT AREA	TOPICS	SKILLS/COMPETENCIES ASSESSED
		To assess if the learners can:
		Recognize and identify the South African currency coins 5c, 10c, 20c, R1, R2, R5
	Addition and subtraction	Add up to 15 Subtract from 15 Practice number bonds up to 9
Patterns, Functions and Algebra	Geometric patterns Number patterns	Copy and extend simple geometric patterns Copy and extend simple number sequence to at least 80 in ones, twos, fives and tens
Space and shape	2-D Shapes	Compare 2-D shapes in terms of <ul style="list-style-type: none"> ○ size ○ shapes ○ straight sides ○ round sides Recognise and name 2-D shapes: circles, triangles, squares
	Symmetry	Recognise and draw a line of symmetry in 2-D geometrical and non-geometrical shapes.
Measurement	Time	Name and sequence, days of the week and months of the year Compare length of time using language eg. longer, shorter, faster, slower
	Length	Compare order and record length using non-standard measures e.g. paces, pencil lengths, hand span. Use language to talk about the comparison eg. longer, shorter, taller, wider
Data Handling	Represent, Analyse and Interpret data	Answer questions about data in pictograph. Represent data in pictograph