READING LITERACY

Presentation for Portfolio Committee on Basic Education

23 May 2023



PRESENTATION OUTLAN Eld is a National Asset

- 1. Purpose
- 2. Background & Context
- 3. Precursor
- 4. ELNA
- 5. Systemic Evaluation
- 6. PIRLS
- 7. Next steps
- 8. Strategy and Plan
- 9. Conclusion
- 10. Recommendations



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PURPOSE

To present key data, analysis, findings and recommendations emerging out of national assessment studies and progress in International Reading and Literacy Studies (PIRLS) to inform Reading Literacy Strategy and Plan.



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BACKGROUND & CONTEXT



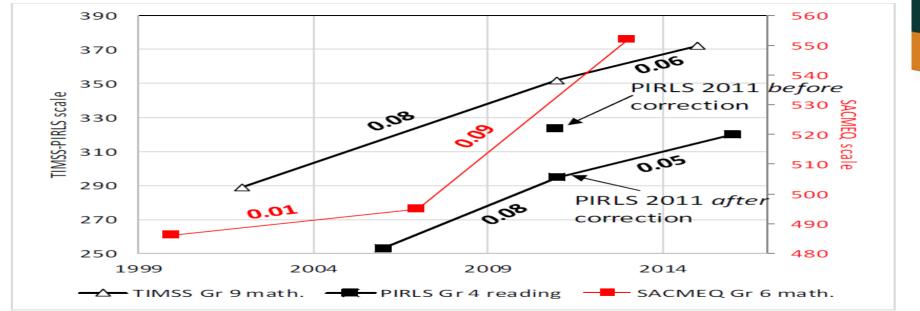
INTRODUCTION

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"By 2030, South Africans should have access to education and training of the highest quality, leading to significantly improved learning outcomes. The performance of South African learners in international standardised tests should be **comparable** to the performance of learners from countries at a similar level of development and with similar levels of access."



SA'S IMPROVING TREND IN PIRLS THE SSA Chal Asset SACMEQ PRE-PANDEMIC



Note: Numbers beside the lines represent improvements expressed as South African standard deviations a year.



DROP-OUT AND SURVIVAL ERATIES National Asset

		2009-2011		2017-2019				
	Survival Rate	Survival per 1000 learners	Percentage dropping out with this Grade attained	Survival Rate	Survival per 1000 learners	Percentage dropping out with this Grade attained		
Total cohort	100%			100%				
No schooling		1000			1000			
Grade 1	98.9%	989	1.1%	99.4%	994	0.6%		
Grade 2	98.7%	987	0.2%	99.3%	993	0.1%		
Grade 3	98.5%	985	0.3%	99.1%	991	0.2%		
Grade 4	97.9%	979	0.6%	98.8%	988	0.3%		
Grade 5	97.0%	970	0.9%	98.4%	984	0.4%		
Grade 6	95.8%	958	1.2%	97.8%	978	0.6%		
Grade 7	94.0%	940	1.8%	96.5%	965	1.4%		
Grade 8	90.6%	906	3.7%	94.0%	940	2.5%		
Grade 9	85.5%	855	5.6%	89.9%	899	4.4%		
Grade 10	77.2%	772	9.7%	82.3%	823	8.5%		
Grade 11	64.1%	641	17.0%	71.1%	711	13.6%		
Grade 12	45.8%	458	28.5%	53.4%	534	24.9%		



LEARNING LOSSES

- Since its outbreak two years ago, the COVID-19 pandemic has disrupted education systems globally, affecting the most vulnerable learners the hardest.
- It has increased inequalities and aggravated a pre-existing education crisis.
- Enrolment in the first quarter of 2021 was around **50 000 (0.4%)** lower than expected.
- The problem concentrated in **lower grades**.
- 54% of contact time was lost in 2020 due to closures and rotations.
- In the second half of 2021, 22% of contact was time lost due to rotations and
- regular absenteeism.
- These averages hide huge inequalities across grades and schools.
- In historically disadvantaged schools, around 70% of a year's worth of learning was lost in 2020.
- For every day of schooling lost, around 1.3 days of learning are lost.



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PRECURSOR TO READING LITERACY



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RATIONALE

The PIRLS 2021 study reveals **very low performance levels** on learners' ability to read for meaning as they turn 10.

How do we **de-construct** this finding to help us do more and do it better?



WHAT IS READING FOR MERANNA CONCLASSEE

- Reading comprehension is the ability to read text, process it and understand its meaning. It relies on two, interconnected abilities: word reading (being able to decode the symbols on the page) and language comprehension (being able to understand the meaning of the words and sentences).
- Readers who have a **strong understanding** can draw conclusions after reading a text.



MEASURING READING FOREN EN IN Cose

- We use different national assessments to generate data on:
 - 1) Early and emergent literacy skills (ELNA).
 - 2) Foundational reading comprehension (Systemic Evaluation).
 - 3) International reading comprehension benchmarks (**PIRLS**).



TO BETTER UNDERSTAND THE READINGASSET FOR MEANING CONTEXT, WE FOCUS ON

- 3 inter-related stories :
- a) What are the **emerging literacy skills** of learners entering Grade 1?
- b) How are learners coping with nationally set reading passages in the foundation phase?
 c) How are learners coping with internationally set reading passages in Grade 4?



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STORY 1: ELNA



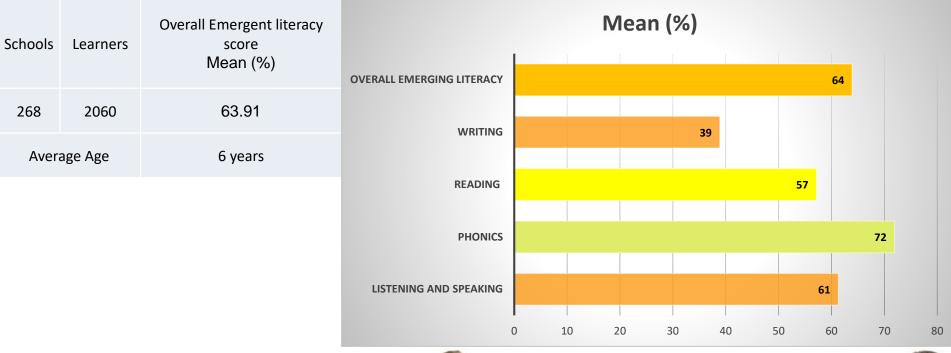
ELNA FRAMEWORK FOR EMERGING EVER ERAC Mitional Asset

CAPS Strand	Skills
	Working memory
Listening and speaking	Productive vocabulary
	Listening comprehension
	Phonemic awareness
Phonics	Letter sounds
	Identify correct letter for sound
	Compound words
Reading	Comprehension of visual text
Reading	Book knowledge
	Identify correct word
Writing	Write letter for sound
	Write three-letter word



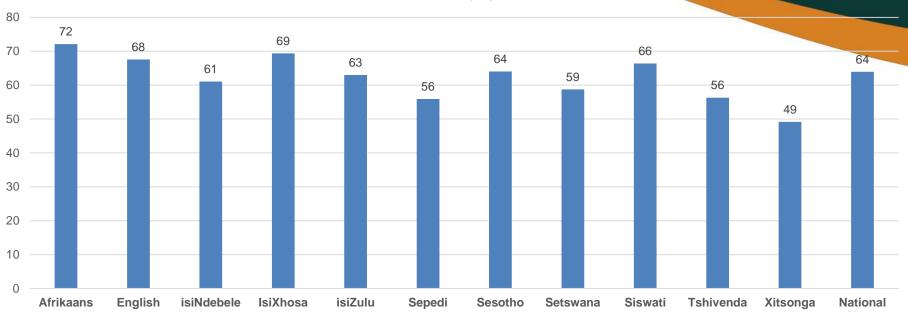
THE RESULTS OF ELN/

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EMERGING LITERACY BY LANGUAGE A National Asset



Mean (%)

Mean



EMERGING LITERACY BY LEARNERS ASSET

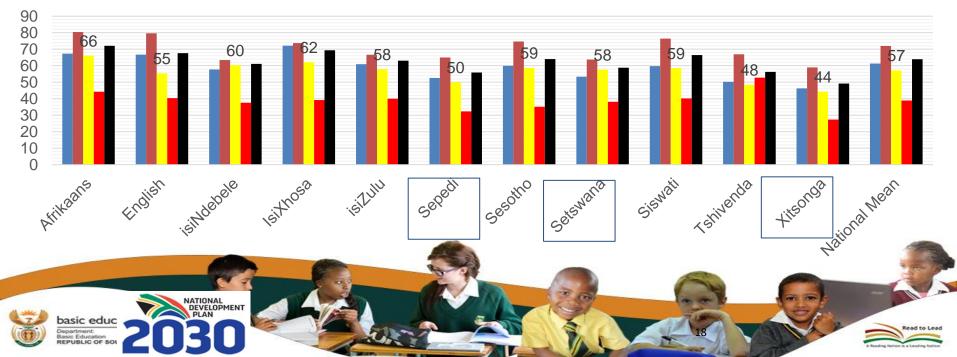
Mean (%) Listening and speaking

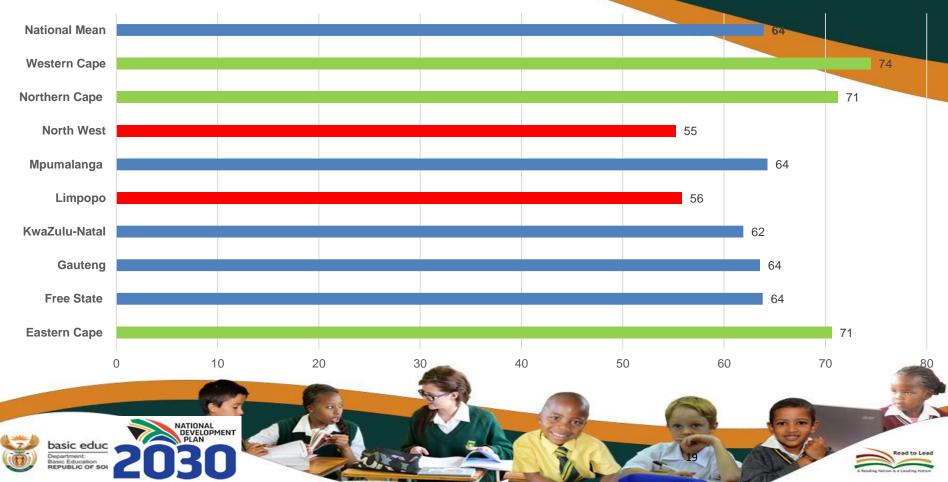
Mean (%) Reading

Mean (%) Phonics

Mean (%) Writing

Mean (%) Mean (%) Emergent Literacy



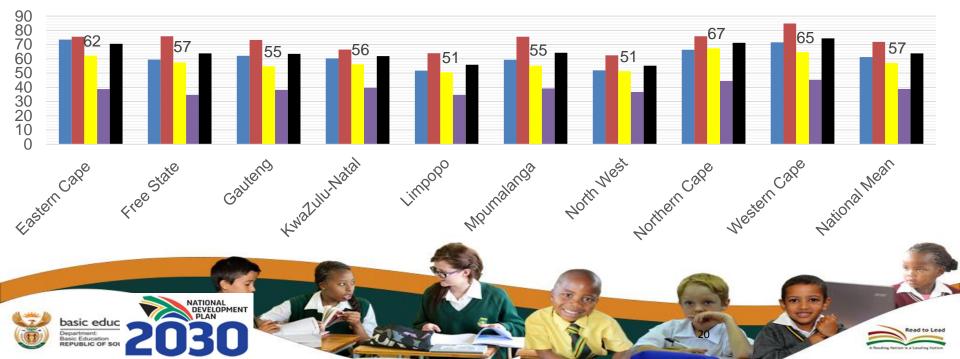


EMERGING LITERACY BY REGOMINICAEsset AND SUB-STRAND

Mean (%) Listening and speaking

Mean (%) Reading

- Mean (%) Phonics
- Mean (%) Writing
- Mean (%) Mean (%) Emergent Literacy

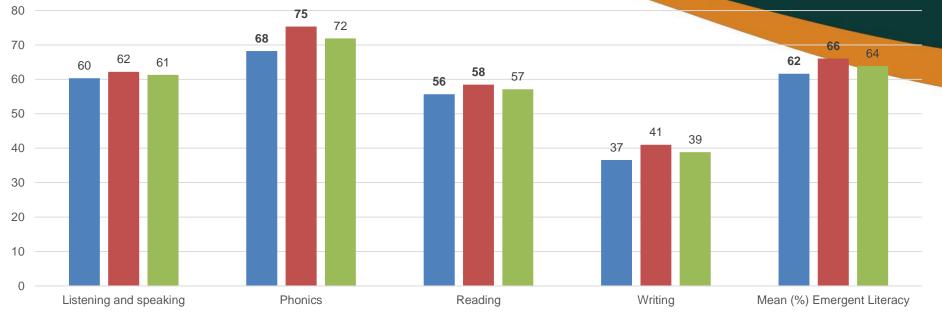


EMERGING LITERACY BY ERE CALL AN & DE CASSEE

	Mean (%)							
Quintile	Listening and speaking	Phonics	Reading	Writing	Emergent Literacy			
1	58	68	55	38	61			
2	58	66	55	37	60			
3	58	69	57	37	62			
4	66	80	59	43	69			
5	75	89	63	47	76			
National Mean	61	72	57	39	64			



EMERGING LITERACY BY CONSTRUCT CONSTRUCTION OF THE REPORT OF THE REPORT



Boy Girl National Mean



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STORY 2: SYSTEMIC EVALUATION

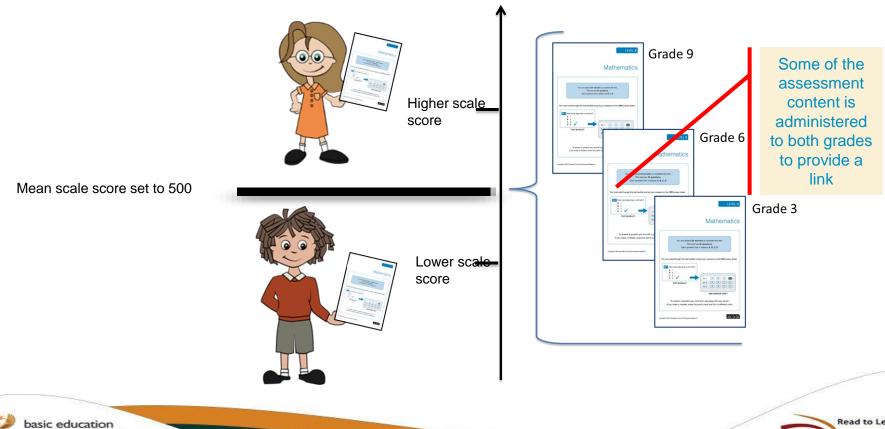


SYSTEMIC EVALUATION FRAMES // @ R.Ket

System support	Effectiveness of education policies and programmes System support factors for successful implementation
School and learner	Characteristics Interpretation of learning outcomes
Learner performance	Establish and monitor learner performance Learning levels and profiles Growth between grades and over time
NATIONAL	



COGNITIVE DATA - ASSESSMENTS ON ONE SCALE

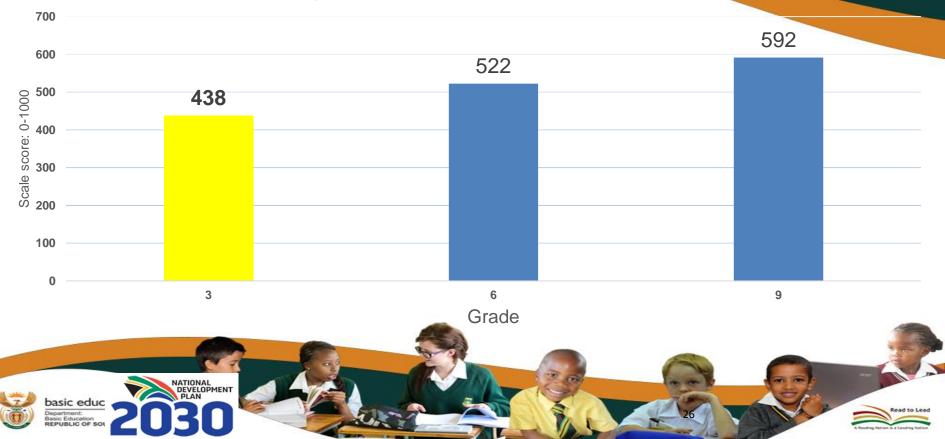


Department Basic Education REPUBLIC OF SOUTH AFRICA

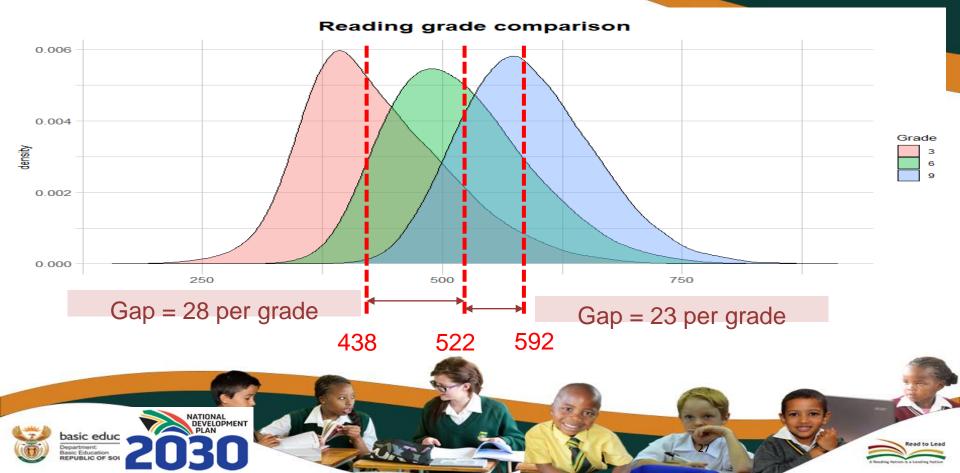


OVERALL READING Sud a set

Reading Means by Grade – transformed scale score



READING BY GRAD Every child is a National Asset

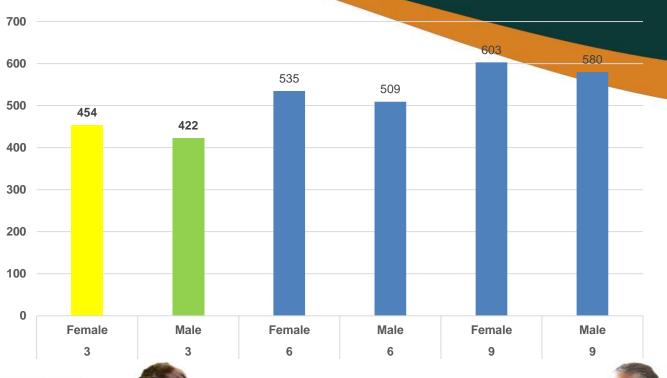


READING SCORES BY G E I D E Retional Asset

Grade	Gender	Mean
3	Female	454
3	Male	422
6	Female	535
6	Male	509
9	Female	603
9	Male	580

Difference in Reading between Gender within Grade

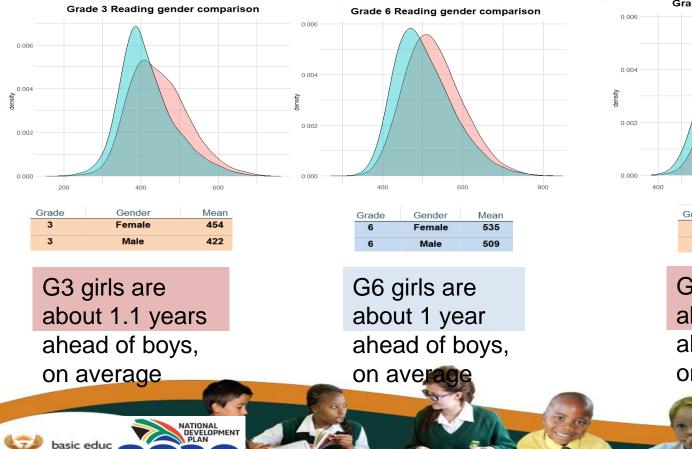
Grade	Difference
3	-31.4
6	-25.6
9	-22.9
Total	-30.5





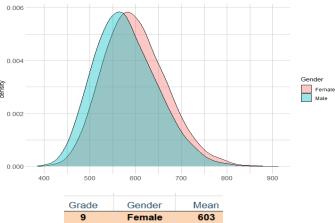
Read to Lead

READING SCORES BY GRADE AN DIGENDER:



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Grade 9 Reading gender comparison



G9 girls are about 1 year ahead of boys, on average

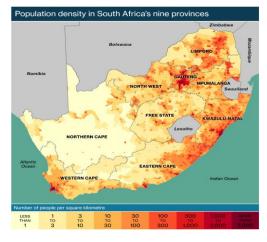
Male

9

580



READING SCORES BY PROVIDE THE DELASSEE



Department: Basic Education REPUBLIC OF SOL NATIONAL

Reading			
Grade	PRV	Mean	MeanSE
3	Eastern Cape	439	2.83
3	Free State	436	3.08
3	Gauteng	450	3.51
3	KwaZulu Natal	436	2.94
3	Limpopo	413	2.10
3	Mpumalanga	427	2.28
3	Northern Cape	424	3.78
3	North-West	413	2.38
3	Western Cape	477	3.45
6	Eastern Cape	507	2.79
6	Free State	518	2.97
6	Gauteng	559	3.53
6	KwaZulu Natal	504	2.76
6	Limpopo	493	2.02
6	Mpumalanga	516	2.68
6	Northern Cape	524	3.17
6	North-West	510	2.49
6	Western Cape	567	2.64
9	Eastern Cape	580	3.28
9	Free State	603	3.44
9	Gauteng	624	3.46
9	KwaZulu Natal	571	2.63
9	Limpopo	567	3.02
9	Mpumalanga	591	2.80
9	Northern Cape	594	4.16
9	North-West	590	2.82
9	Western Cape	632	2.97

Grade 3 Low = Limpopo, Northern Cape, North West High = Western Cape

Grade 6 Low = Limpopo High = Gauteng

Grade 9 Low = Limpopo, KwaZulu-Natal High = Gauteng, Western Cape



CONTEXTUAL SCALEVE Sid is a National Asset

Classroom practice (one scale for Language lessons, one for Maths) Attitudes towards school Attitudes towards Language lessons Parental engagement Parental perception of school Teacher job satisfaction Factors hindering learning School climate (2 factors) Impact of teacher and resource-related factors Impact of learner-related factors Impact of COVID disruptions Wealth index



CLASSROOM PRACTICES - LANGUAGE LESSONS

How ofte 1=Never 2=Somet 3=Often 4=Always	imes	things happen	in a norma	language lesson?					
		Factor loadings	Reverse Scoring	Item label	Never	Fr Sometimes	equencies Often	Always	Invalid or Missing
	LQ12a	0.65	0	The teacher is in class	5.89%	16.12%	11.21%	66.78%	8.56%
age	LQ12b	0.64	0	Lessons start on time	5.53%	23.17%	15.91%	55.39%	11.00%
language	LQ12c	0.58	0	The teacher reads us a book	8.24%	36.30%	16.18%	39.28%	10.22%
	LQ12d	0.63	0	We silently listen to the teacher when she/he reads to us	6.94%	18.52%	15.07%	59.47%	10.43%
ractice: essons	LQ12e	0.70	0	The teacher asks us questions	4.85%	13.47%	12.57%	69.11%	9.85%
act	LQ12f	0.55	0	We repeat what the teacher says	12.83%	35.55%	16.34%	35.29%	11.21%
a -	LQ12g	0.41	0	We work in small groups	18.54%	48.31%	14.02%	19.13%	11.34%
bo	LQ12h		0	We try to solve problems on our own	14.31%	33.21%	18.36%	34.12%	11.86%
Classroom practices lessons	LQ12i	0.55	0	The teacher helps me when I don't understand something	2.46%	14.94%	8.09%	74.51%	6.10%
-	LQ12j	0.67	0	The teacher marks my language homework	6.44%	19.36%	13.94%	60.26%	10.15%





ATTITUDES TOWARDS LA Mille States Enset

How much do you agree with these statements about school and home?										
1=Disagree a lot										
2=Disagree a little										
3=Agree a little										
4=Agree a lot										
Frequencies										

		Factor	Reverse	ltem label	Disagree a lot	Disagree a Agree a little	Agree a	Invalid or	
		loadings	Scoring		Disagree a lot	little	Agree a little	lot	Missing
	LQ21a	0.88	0	I like my Language lessons	8.19%	4.48%	12.67%	74.66%	7.37%
	LQ21c	0.84	0	I do well in Language	6.22%	<mark>6.60%</mark>	25.15%	62.03%	9.63%
ž a ž	LQ21f	0.77	0	l like reading	7.18%	7.65%	21.57%	63.59%	9.64%
Attitu towa langu	LQ21h	0.84	0	Language is an important subject	5.95%	4.57%	11.72%	77.75%	10.39%
	LUQ21k	0.73	0	I find learning Language easy	4.34%	7.64%	28.13%	59.88%	7.48%



PARENTAL ENGAGENTIEN EN LA ASSET

1=Every o 2=Once o 3=Once o	•	:	else do the	following things with your child?					
		Factor loadings	Reverse Scoring	Item label	Every day	Once or twice a week	Once or twice a month	Never or hardly ever	Invalid or Missing
ıt	PA2125a	0.67	0	Talk about your child's language schoolwork	62.47%	25.09%	7.58%	4.86%	10.70%
Parental engagement	PA2125b	0.67	0	Talk about your child's mathematics schoolwork	53.92%	31.49%	8.99%	5.60%	13.30%
Par	PA2125c	0.89	0	Help your child with their schoolwork	66.88%	20.68%	7.08%	5.35%	9.64%
e	PA2125d	0.83	0	Read with your child	43.96%	31.69%	12.38%	11.97%	13.75%
	PA2125b WIT	H PA2125a	0.49						



FACTORS HINDERING EN CONTRACTORS HINDERING

To what extent are these factors a problem in the class(es) that you teach?

1=Not a problem

2=A minor problem

3=A moderate problem

4=A major problem

			Factor loadings	Reverse Scoring	Item label	Not a problem	A minor problem	A moderate problem	A major problem	Invalid or Missing
		TE2125a	0.71	0	Learner absenteeism	12.03%	37.66%	30.03%	20.29%	1.87%
ering		TE2125b	0.83	0	Learners lacking interest in school	15.18%	29.89%	28.47%	26.47%	2.32%
hinder	rning	TE2125c	0.72	0	Parents lacking interest in their children's education	9.05%	19.07%	29.55%	42.33%	1.81%
5	lear	TE2125d	0.61	0	Learners lacking basic nutrition	39.33%	28.94%	21.15%	10.58%	2.26%
cto	-	TE2125e	0.74	0	Learners damaging school property	23.93%	35.16%	21.16%	19.75%	1.95%
Fac		TE2125f	0.69	0	Learners abusing alcohol	64.65%	17.20%	9.64%	8.51%	2.59%
		TE2125g	0.67	0	Learners abusing drugs	58.13%	18.20%	11.14%	12.53%	2.47%
		TE2125f WITH	TE2125g	0.85						



Please indicate the extent to which the following impacted your school during the	
---	--

	impact								
		Factor loadings	Reverse Scoring	ltem label	Did not impact	Impacted a little	Moderately impacted	Strongly impacted	Invalid or Missing
Impact of COVID distruptions	PR2139a	0.77	0	Learner non-attendance	5.80%	17.18%	28.28%	48.73%	1.95%
	PR2139b	0.71	0	Teacher non-attendance	25.57%	27.89%	29.62%	16.92%	2.26%
	PR2139c	0.90	0	Poor curriculum coverage	7.02%	16.37%	28.36%	48.25%	1.89%
	PR2139d	0.90	0	Learning losses as indicated by poorer results on assessment tasks	5.20%	17.53%	32.94%	44.33%	2.07%
	PR2139e	0.53	0	A lack of Personal Protection Equipment	41.43%	25.72%	23.16%	9.69%	1.73%
	PR2139f	0.56	0	Poor implementation of the Health and Safety Measures	41.77%	28.07%	21.83%	<mark>8.</mark> 32%	1.79%
	PR2139f with PR2139e		0.735						



TAKE-AWAY POINT FERONATION

SE provides a monitoring tool every 3 years

Tracking progress by grade

Tracking growth across grades

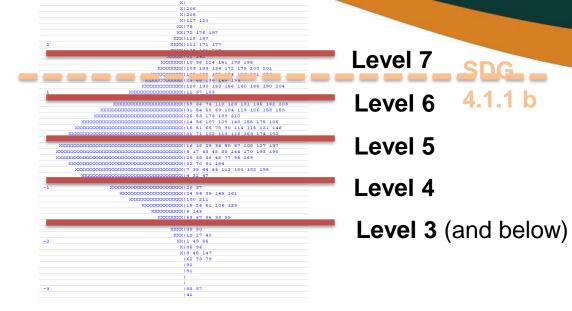
Tracking progress by sub-population

- Gender
- Province
- Language
- Wealth



DEVELOPING SE FUR SE EN RASSET

Does PIRLS reflect the same results as SE in reading?



Developing proficiency levels aligned with global benchmarks



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STORY 3: PIRLS



BACKGROUND ON EVER IN COMMANDER

- Leading international study on Reading Literacy reading comprehension.
- PIRLS is the global standard for monitoring reading achievement at the fourth grade, conducted by IEA.
- Children are assessed on a Literary (fiction) passage and on a Informational (nonfiction) passage.
- The PIRLS assessment consists of **18 passages** (of different cognitive ability) and accompanying questions. The passages are spread across 18 different booklets in accordance with the group adaptive design. Learners seated next to one another would answer different booklets.
- PIRLS is the first international large-scale assessment to report results after successfully collecting data during the COVID-19 pandemic, assessing 400,000 students in 57 countries.



PIRLS SCORING BENGLINATING

- Low International Benchmark (400 474): can read to locate and retrieve explicit information.
- Intermediate Benchmark (475 549): begin to interpret and identify obvious reasons for events in text, as well as giving basic explanations for actions or information.
- **High International Benchmark (550 625)**: make intricate connections between events in the text. Identify crucial features and make generalisations. Interpret complex text and tables.
- Advanced International Benchmark (625 and above score points): integrate ideas, as well as evidence across a text to appreciate overall themes, understand the author's stance, and interpret significant events.



INTERNATIONAL RELEASE

- The international release was on Tuesday, May 16, 2023 at 10am Central European Summer Time, at which time the report was released to the public on the TIMSS & PIRLS International Study Centre website.
- As part of the international release, the TIMSS & PIRLS International Study Center will publish a special release page and a results-highlights video that are not yet available for early access.



PIRLS GLOBAL READING LITER OF ANT AND S

- There was nearly universal literacy in the 43 countries that managed to collect achievement data on schedule.
- Scores are based on **4 benchmarks**:
- Most countries had at least 85 percent of their students reaching the Low International Benchmark, demonstrating that they could read straightforward texts.
- More than one-third of the students in the majority of countries reached the High International Benchmark, demonstrating the ability to interpret, integrate, and evaluate a variety of text and visual elements in relatively difficult reading materials.
- However, achievement trends reflected the negative impact of the pandemic on education, showing declines in reading achievement in **21** of the **32** countries that had comparable trend data between 2016 and 2021, eight with no change, and only three with higher achievement. According to their parents, staying home from school adversely affected learning for two-thirds of the students.
- The gender gap in reading achievement favoring girls persisted in PIRLS 2021, according to the research. Girls had higher reading achievement than boys in **51** of the **57** PIRLS 2021 countries, with an average difference of **19 points**.



THE STATE OF GLOBAL LEARNING ROAVERSTAS et

(World Bank report supported by UNICEF, UNESCO, Bill and Melinda Gates, USAID)

- A deep pre-COVID learning crisis existed:
 - In 2019, learning poverty was estimated at 57% in low- and middle- income countries.
 - Post-COVID a surge of up to 70% in learning poverty in low- and middle-income countries.
 - As high as **86%** for Sub-Saharan Africa.
 - Learning poverty = the share of children who cannot read a simple text by age 10.



PIRLS NATIONAL REPORT Asset

- We have participated in PIRLS since 2006, with subsequent cycles in 2011, 2016, and most recently in 2021 (i.e. 4 cycles).
- A total of 12 426 Grade 4 learners in 321 schools, and 9 317 Grade 6 learners in 253 schools were assessed.
- Grade 4 learners were representative of the 11 official languages and nine provinces, while Grade 6 was only representative of Afrikaans and English.
- South Africa's Grade 4 and 6 participation rate was **97%** and **98%**, respectively (after replacements).
- An initial country report and highlights report is being finalised DBE contracted the Univ. of Pretoria.



WHAT DOES PIRES 2021 National Asset ACHIEVEMENT RESULTS SHOW?

- Our trend score from 2016 drops significantly from 320 to 288 (diff = 32 points). 81% of (Grade 4) and 56% of Grade 6 learners do not reach the low benchmark of 400 points.
- 2. Grade 6 learners scored **384** points, with Afrikaans learners scoring an average of 456.
- 3. The best performing language is **Afrikaans (387)** and lowest score is observed in **Setswana** (211).
- 4. Western Cape has the highest scores (Gr 4 = **363**; Gr 6 = **460**) almost **131** points above North West in Grade 4.
- 5. At **317** score points, Grade 4 girls achieved **57** score points higher than Grade 4 boys **(260)**, which was statistically significant.

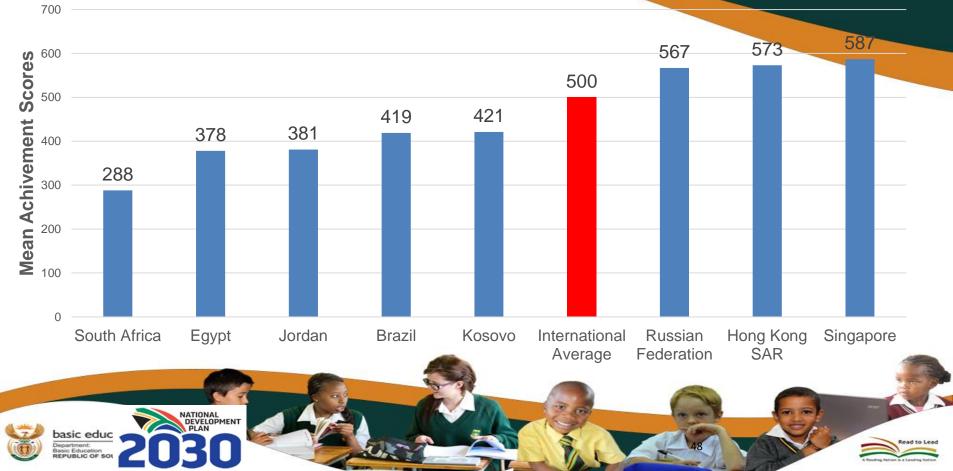


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PIRLS 2021 GRADE 4 RESULTS



OVERALL GRADE 4 ACHIEVENTER

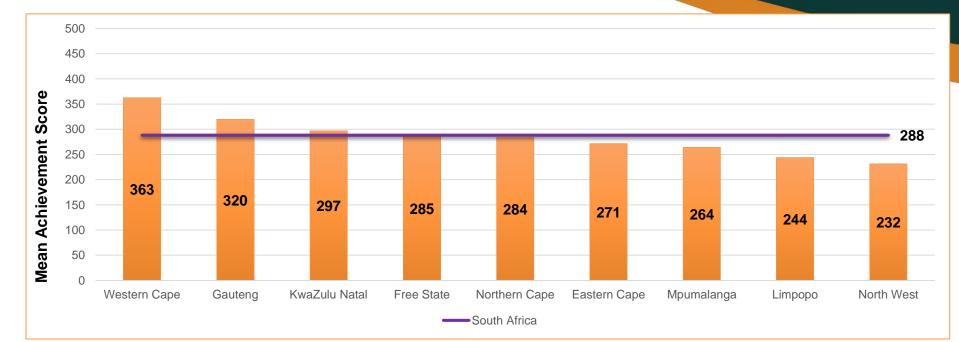


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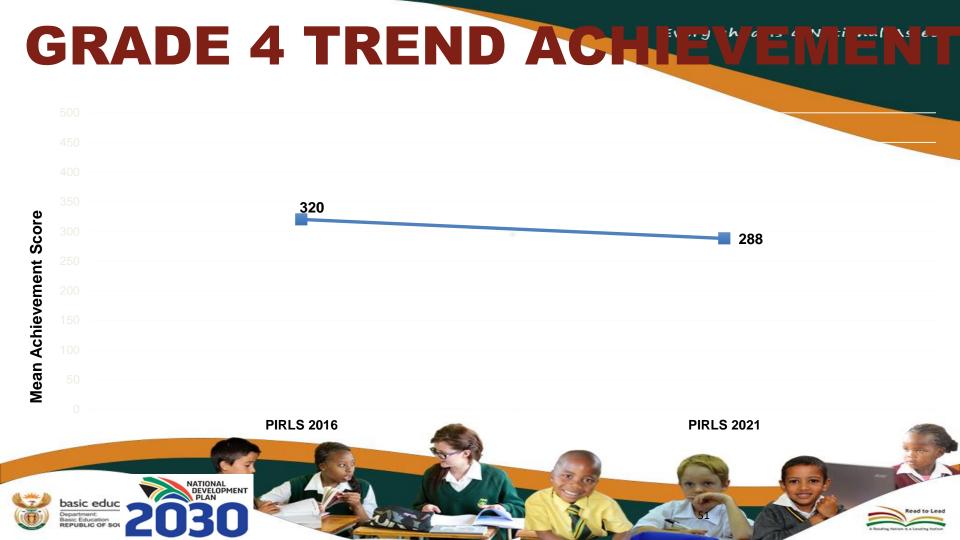




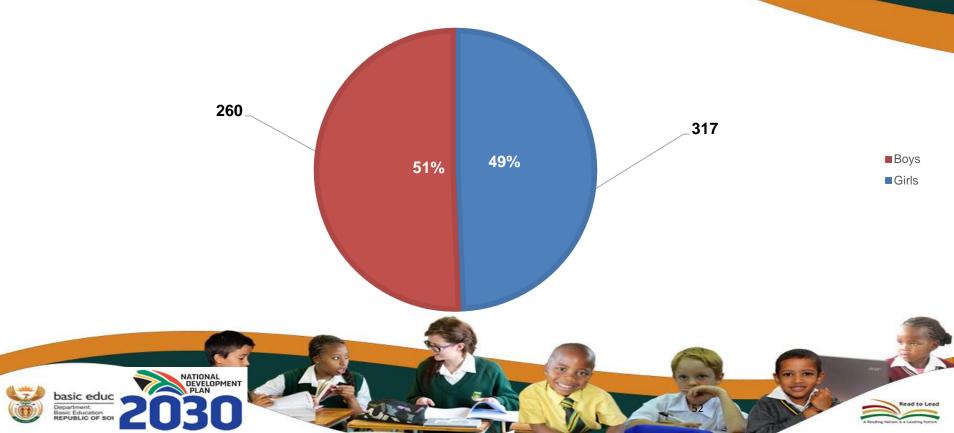
GRADE 4 ACHIEVEMENT BY PROVENCE





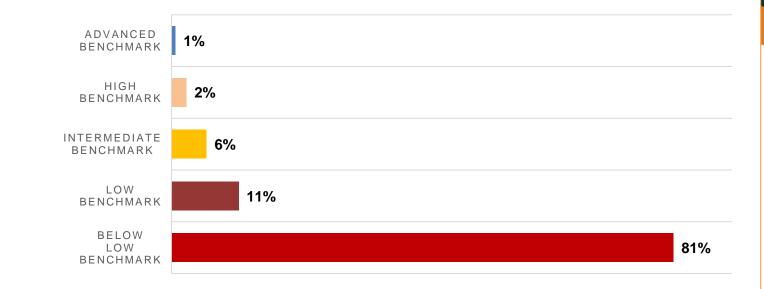


GRADE 4 ACHIEVEMENT BY COMENTER



GRADE 4 BENCHMARK ACENER OF

INTERNATIONAL BENCHMARKS



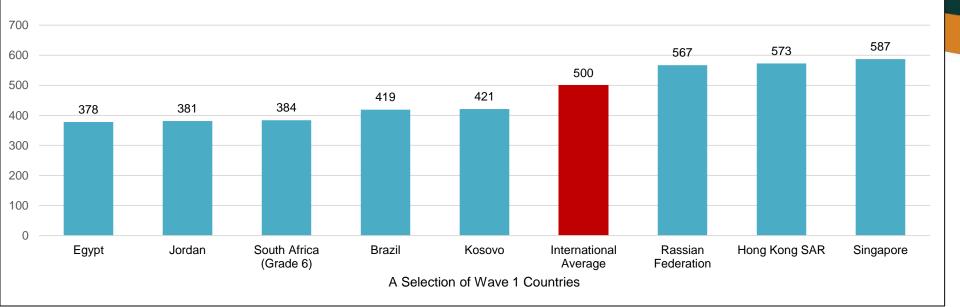


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PIRLS 2021 GRADE 6 RESULTS

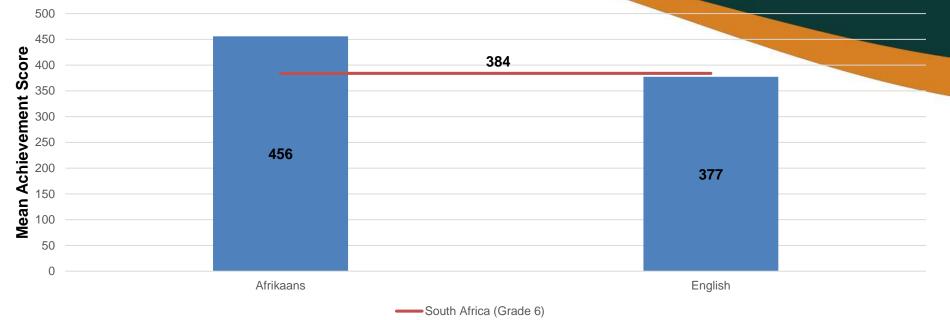


OVERALL GRADE 6 ACHIEVEN



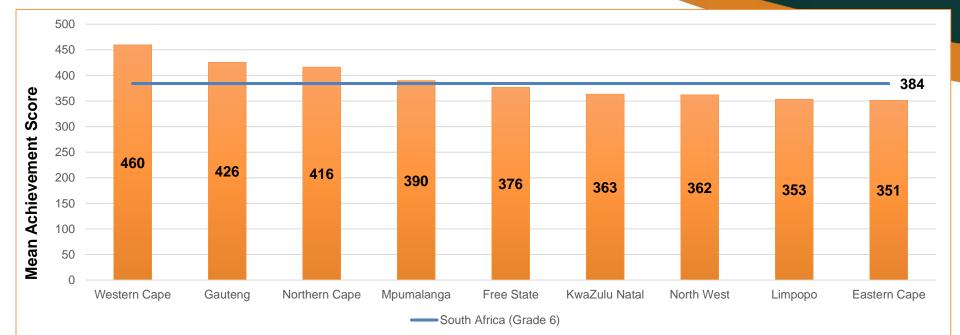


GRADE 6 ACHIEVEMENT BY CONVACE



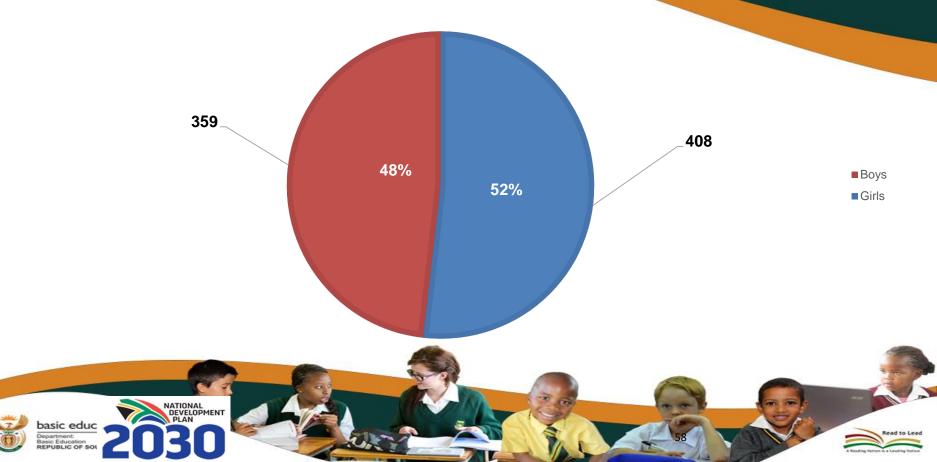


GRADE 6 ACHIEVEMENT BY PROVENCE



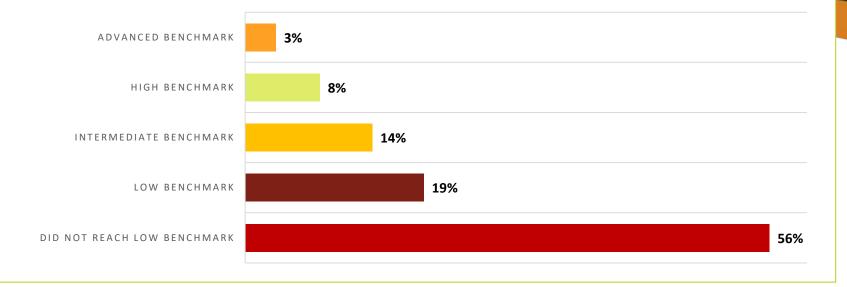


GRADE 6 ACHIEVEMENT BY COMENTER



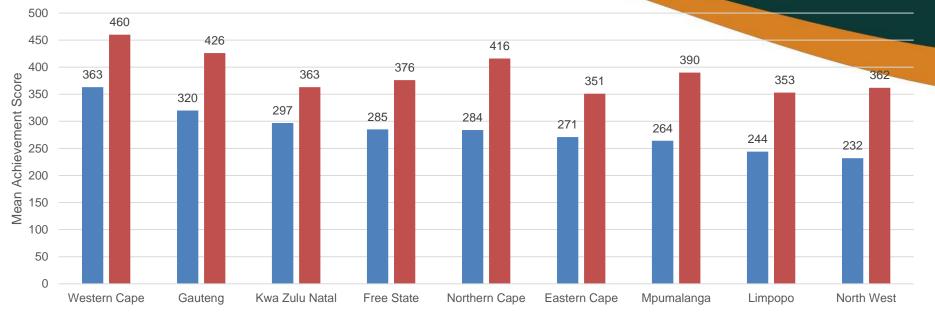
GRADE 6 BENCHMARK ACLEREN MENNENN Asset

INTERNATIONAL BENCHMARKS





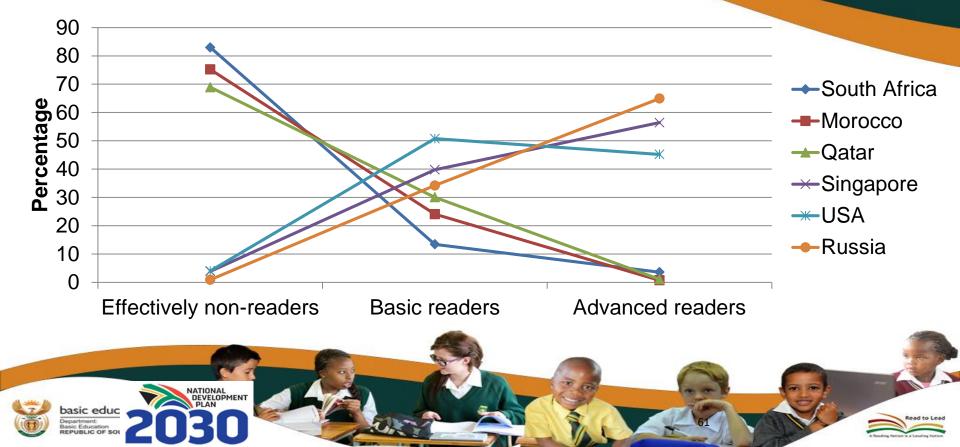
COMPARATIVE ACHIEVEMENT BY GRADE BY COMMENDE Esset



Grade 4 Grade 6



CULTURE OF READING IN SOUTH A FILCOR COMPARED TO OTHER COUNTRIES



PIRLS 2021 DESIGN Every child is a National Asset

Achievement booklets:

Purpose for Reading	Percentage coverage in PIRLS 2021
Literary Experience	50%
Acquire and Use Information	50%
Process of Comprehension	
Focus on and retrieve explicitly stated information	20%
Make straightforward inferences	30%
Interpret and integrate ideas and information	30%
Evaluate and critique content and textual elements	20%



Every child is a National Asset

THE EMPTY POT PASSAGE GRADE 4 AND 6 ENGLISH LEARNER RESPONSES



The Empty Pot

retold by Elaine L. Lindy illustrated by Jennifer Moher

The Emperor of China announced a contest to decide the next heir to the throne. The Emperor was old and had no children. Because he loved plants, he declared that any child who wanted to be emperor should come to the palace to receive one royal seed. Whichever child could show the best results within six months would win the contest and become the next emperor.



You can imagine the excitement! On the day the seeds were to be handed out, crowds of hopeful children filled the palace. Each child returned home holding one precious possibility.



And so it was with the boy Jun. He was already considered the best gardener in the village. His neighbours loved to share the melons, cabbages, and snow peas from his garden. Jun carefully carried the Emperor's seed home, sealing it securely in his hands so it wouldn't fall, but not so tightly that it might be crushed.

At home, he spread the bottom of a flowerpot with large stones, covered the stones with pebbles, then filled the pot with rich moist soil. He pressed the seed about two centimetres below the surface and covered it with light soil. Over the next few days Jun, along with every child he knew, watered his pot every day and watched for the first leaf to burst through the surface.

Cheun was the first child in Jun's village to announce that his seed was sprouting. This was met with whoops of congratulations. He bragged that he would surely be the next emperor and practised his royal skills by bossing around the younger children. Ming was the next child whose tiny plant had emerged from his pot, then it was Wong. Jun was puzzled—none of these boys could grow plants as well as him! But Jun's seed did not grow.





Soon sprouts emerged from pots all over the village. Children built fences around their pots and guarded them from those who might accidentally—or not so accidentally—topple them over. Soon, dozens of sprouts in pots throughout Jun's village were stretching out their first leaves. But Jun's seed did not grow. He was confused—what was wrong? Jun carefully replanted his seed into a new pot with the very best and richest black soil from his garden. He crumbled every ball of soil into tiny particles. He gently pressed in the seed, and kept the top moist and watched the pot every day. Still Jun's seed did not grow.

Strong, powerful stalks soon emerged from the pots cared for by other children in Jun's village. Jun was sad and defeated. The other children laughed at him.

Six months passed. The day approached when the children were supposed to bring their plants to the palace for judging. They cleaned their pots until they shone, gently wiped the great leaves, and dressed in their finest clothes. Some parents walked alongside their child as they carried the pot to the palace, holding the plant upright to keep it from tipping over.

"What will I do?" wailed Jun to his parents as he gazed out the window at the other children preparing for their triumphant return to the palace. "My seed wouldn't grow! My pot is empty!"

"You did the best you could," said his father, shaking his head.

"Jun, just bring the Emperor your pot," said his mother, "it was the best you could do."



Ashamed, Jun carried his empty pot on the road to the palace, while gleeful children carrying pots tottering with huge plants marched to his right and left.

At the palace, children lined up in rows with their blossoming plants and awaited judgement. The Emperor, wrapped in his silk robe, strode down the line of hopeful contestants, viewing each plant with a frown. When he came to Jun, he scowled even more and said, "What is this? You brought me an empty pot?"



It was all Jun could do to keep from crying. "If you please, Your Majesty," said Jun, "I tried my best. I planted your seed with the best soil I could find, I kept it moist and watched it every day. When the seed didn't grow I even replanted it in new soil. But it just didn't grow. I'm sorry." Jun hung his head.

"Hmm," said the Emperor. Turning so everyone could hear, he thundered, "I don't know where all these other children got their seeds. Nothing could grow from the seeds I gave you, because those seeds had all been boiled!"

And the Emperor smiled at Jun.



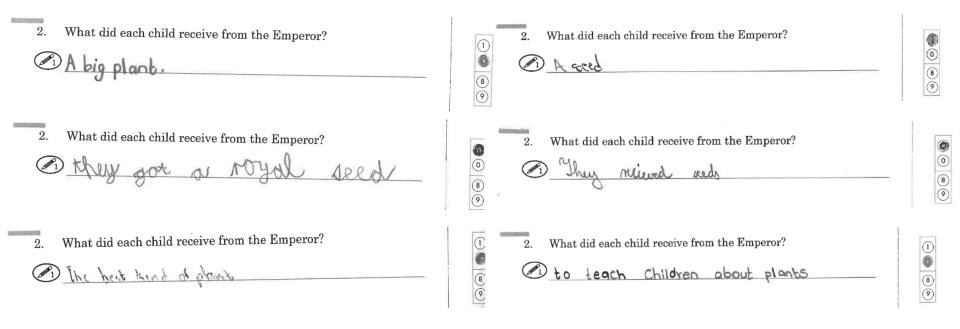
FOCUS ON AND RETRIEVE EXPLICITLY STATED INFORMATION

Grade 4

basic education

Basic Education REPUBLIC OF SOUTH AFRICA

Grade 6





MAKE STRAIGHTFORWARD INFERENCES

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Grade 4

Grade 6

4. Find the part of the story next to this picture of a leaf: What shows that Jun was the best gardener in the village?

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D That his said grew fast

Find the part of the story next to this picture of a leaf:
 What shows that Jun was the best gardener in the village?

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@ Each seed was royal and very expensive





Department: Basic Education

INTERPRET AND INTEGRATE IDEAS AND INFORMATION

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Grade 4

9. Why did the other children laugh at Jun? Use what happened in the story to explain your answer.

Because Jun's plant did not grow. And that is why they laughed.

9. Why did the other children laugh at Jun? Use what happened in the story to explain your answer.

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Grade 6

Why did the other children laugh at Jun? Use what happened in 9. the story to explain your answer. @ The other children laughed at jun becaut We plant did not grow his pot was emp t-1. Why did the other children laugh at Jun? Use what happened in 9. the story to explain your answer. Seconse his seed wousn't growing Why did the other children laugh at Jun? Use what happened in 9. the story to explain your answer. The Emperar was old and had no Children, Because he loved plants



EVALUATE AND CRITIQUE CONTENT AND TEXTUAL ELEMENTS

Grade 4

- 3. Why was each seed called a "precious possibility"?
 - A Each seed gave a chance to win the contest.
 - B Each seed was royal and very expensive.
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2	Focus On & Retrieve	CR	1343	70%	25%			5%	0%	1043	53%	44%			3%	0%	
3	Evaluate & Critique	MCQ	1343	61%	30%			9%	0%	1043	65%	33%			2%	0%	
4	Straightforward Inferences	CR	1342	85%	6%			8%	1%	1043	72%	25%			3%	0%	
5	Straightforward Inferences	MCQ	1343	43%	31%			24%	2%	1043	47%	47%			6%	0%	
6	Evaluate & Critique	MCQ	1343	64%	25%			8%	3%	1043	57%	40%			3%	0%	
7	Straightforward Inferences	MCQ	1343	61%	27%			7%	4%	1043	49%	48%			2%	1%	
8	Focus On & Retrieve	MCQ	1343	57%	30%			9%	4%	1043	40%	56%			3%	1%	
9	Interpret & Integrate	CR	1342	61%	23%	5%		7%	5%	1043	39%	46%	13%		2%	1%	
10	Interpret & Integrate	CR	1342	77%	6%			11%	6%	1043	65%	31%			3%	1%	
11	Focus On & Retrieve	MCQ	1343	46%	36%			8%	9%	1043	39%	56%			2%	2%	
12	Interpret & Integrate	MCQ	1343	62%	18%			10%	10%	1043	57%	38%			2%	2%	
13	Straightforward Inferences	MCQ	1343	51%	29%			8%	13%	1043	33%	62%			2%	3%	
14	Interpret & Integrate	MCQ	1343	60%	18%			8%	14%	1043	55%	38%			3%	3%	
15	Evaluate & Critique	MCQ	1343	57%	20%			9%	15%	1043	55%	38%			3%	4%	
16	Interpret & Integrate	CR	1343	70%	8%			5%	16%	1043	67%	27%			2%	4%	
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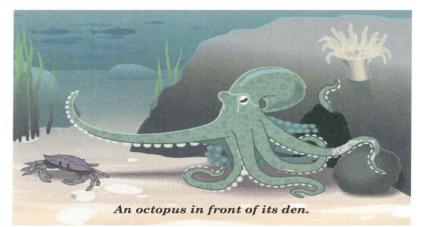


Every child is a National Asset

THE AMAZING OCTOPUS PASSAGE GRADE 4 AND 6 ENGLISH LEARNER RESPONSES



The Amazing Octopus



Octopuses are sea animals that have rounded bodies, bulging eyes, and eight long arms. Their arms are very strong and lined with powerful suction cups. They live in all the world's oceans but they especially like warm, tropical waters. They often stay on the ocean floor where they can find their favorite foods. They like to eat crabs, shrimp, and small fish. They capture their prey with their suction cups and then put the food into their mouths.

Octopuses often live alone in dens built from rocks. Octopuses sometimes even make rock "doors" for their dens that can be pulled closed to keep them safe.



An octopus shoots ink to escape danger.



An octopus scares away predators with its spots.

Escaping Danger

Octopuses can escape from danger because they are fast swimmers and can shoot a cloud of thick, dark ink at any attackers. This gives them enough time to speed away.

Octopuses also are experts in disguise. They can change their skin color to pink, blue, brown, or green to blend into the rocks, sand, and coral around them and become invisible. Octopuses can look just like lumpy seaweed covered rocks. They also can create a variety of spots, stripes, and blotches in a matter of seconds to look like something else that would not be good to eat.

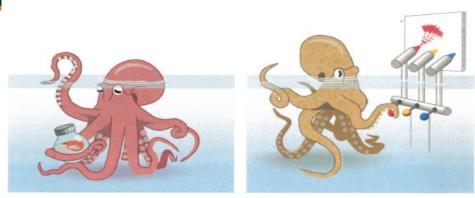


Octopuses can hide by slipping through cracks in rocks or coral. They have no backbones. In fact, they do not have any bones at all and are soft all over. Without bones, octopuses can flow like water and fit their whole body into very tiny places. They are famous for showing up in places you don't expect them. Octopuses have been found in shells, scientists' equipment, and bottles left in the sea.

Sometimes, octopuses even use shells to hide. They pick up shells with their suction cups. Then, they wrap their arms around their bodies with the shells facing out. Passing predators think the octopus is just an old pile of shells.



An octopus hiding itself under shells.



Frieda opens jars of food.

Squirt makes "art."

Learning to Do Things

An octopus named Frieda lived in an aquarium in Germany. After watching her keepers twist open the glass jars containing her food, she learned to open the jars herself. Pressing the lid against her body and grasping the jar with her arms, she twisted her boneless body to unscrew the lid. She only opened jars containing her favourite foods, such as crabs and shrimp. She ignored the jars with everyday fish.

At a marine center in the United States, an octopus named Squirt learned to paint. He could do this by moving levers that spray the paint onto a canvas. The "art" was then sold to make money to help maintain the octopus tank.



Keeping Octopuses Busy

People like to watch octopuses in aquariums that show their natural environments. But, octopuses are easily bored, so aquarium staff have to invent ways to keep their octopuses occupied. For example, they give octopuses puzzles and toys that can be taken apart.

At an aquarium in the United States, an octopus named Sammy enjoyed playing with a plastic ball that could be screwed together by twisting the two halves. His keeper would put food inside the ball and Sammy would open the ball and then screw it back together when he was finished eating.



An octopus playing with a toy in its tank.

kecognising their keepers

Besides toys and puzzles, octopuses like it when their keepers spend time touching them and playing with them. When octopuses see their keepers coming to feed them and stroke their heads, they turn red to show they are excited. They also might greet their keepers by standing up tall on their arms and leaning forward. Octopuses have been known to hop on their back "legs" while waving their arms to get the attention of their keepers.

Octopuses like the company as much as they like the food. When the octopuses finish eating they will reach up with one arm and then another, curling them over their keeper's hands and arms. Octopuses and keepers will hold each other's arms, with

the octopuses gently latching onto their keepers with their suction cups.

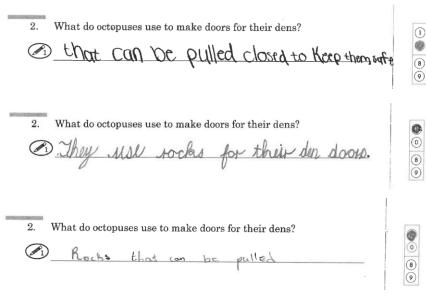
> An octopus latching on to its keeper's arms.



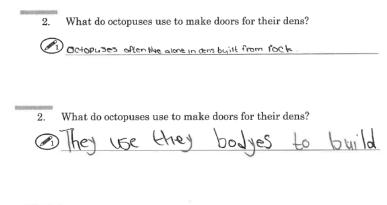


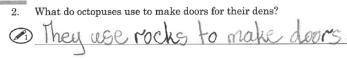
FOCUS ON AND RETRIEVE EXPLICITLY STATED INFORMATION

Grade 4



Grade 6







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MAKE STRAIGHTFORWARD INFERENCES

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Grade 4

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1.	According to the article, which statements are true about octopuses?	
	Tick all that apply.	
	They have round bodies	
	They have eight long arms	
	They only live in cold parts of the ocean	
	They like to eat crabs and small fish	
	They catch their food with their mouthsX	
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Grade 6

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INTERPRET AND INTEGRATE AND INFORMATION

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Grade 4

Grade 6

The writer thinks octopuses are "amazing." Give three examples of

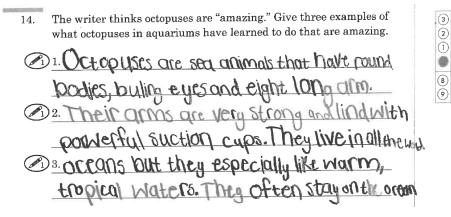
what octopuses in aquariums have learned to do that are amazing.

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INTERPRET AND INTEGRATE IDEAS AND INFORMATION Grade 4 Grade 6

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EVALUATE AND CRITIQUE CONTENT AND TEXTUAL ELEMENTS Grade 6

3. The article says octopuses are "experts in disguise."

What does this mean?

- A They can look like something else.
- B They are very fast swimmers.
- C They can shoot dark ink.
- D They can be different shapes.
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Department: Basic Education REPUBLIC OF SOUTH AFRICA

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	15	Evaluate & Critique	CR	1900	53%	8%			5%	35%	1417	54%	38%			1%	7%



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NEXT STEPS



WHAT WILL BE DONE DIFFERENTLY?

Use of evidence to support every learner at the point of their need should dictate our

stratoaul

Focus on promoting action that leads to improved learning and teaching

Engagement of the TAG

Focus & balance among technical, practical, national & international perspectives on data use

National & international results

Simultaneous availability of national & international results provides a compressive data of learning and teaching

Benchmarks & Performance Levels

Develop **NATIONAL** benchmarks and performance levels across the schooling system to identify, and **REPORT** on, the knowledge, understanding and skills that learners need to demonstrate

Use evidence to improve teaching and enhance learning for ALL learners to access quality education, address inequalities and establish strong early foundations in reading and mathematics

Dissemination & Effective utilization

Dissemination of results is strategically coupled with Capacity Development and Support for data use

Monitoring & evaluation

Increased use of evidence to monitor implementation and evaluate outcomes

Continuous research

Support local scholars to provide technical support and ongoing research to strengthen implementation plans

PRACTICAL COMPLEXITIES FACING EDUCATION IN SA

Effective data use need to address complex challenges across different contexts that impact on schooling

Diversity, incl multiple languages

Challenges of monolingualism in an increasingly growing multilingualism



Decline in SES

Stats SA shows increases in poverty levels in the last ten years



Demographic disparities

Stark rural-urban contrasts and challenges for education

Covid-related backlogs

Extent of Covid-related backlogs has not yet been fully grasped





Strategic reporting of results that combines dissemination, capacity building for data utilization, support for decision-making and monitoring and evaluation

Target participants Target participants Provincial Officials DBE officials **District officials Stakeholders SMTs** • **Researchers KEY** data use activities Distric **SCHOOLS** DBE PED National Capacity building ٠ Consultation **Data interpretation** ٠ **Decision-making** ٠ **Capacity Development & Support** • Support M&E Pilot implementation in selected districts & schools

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WHERE TO FROM HERE? (STRATEGY AND PLAN)



UNDERSTANDING THE COMPLEXITY

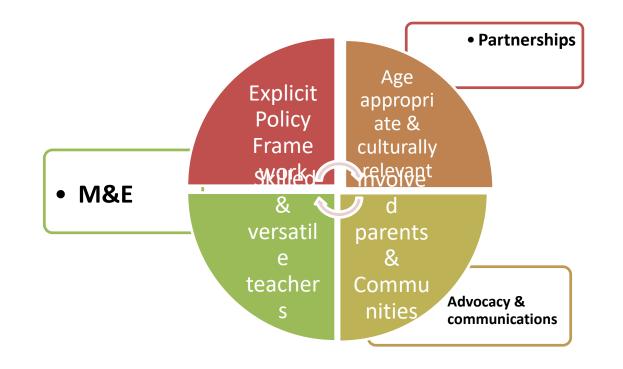
- We have to realise that reading literacy challenges manifest at various levels (multi-layered) - thus, solutions should be multi-layered
- We also have to agree that **reading literacy** development requires a multisectoral approach

Reviewing the current Sector Reading Plan

We have been reviewing our current strategy – it's apparent that we need **to** *improve the* <u>teaching and learning of African home languages</u> reading literacy on a large scale in the emergent and early grade phases (ECD and Foundation Phase)



THE 'NEW' FRAMEWORK: CHILDREN WHO READ FOR MEANING BY AGE 10 WITH A SPECIFIC FOCUS ON AFRICAN LANGUAGES



NATIONAL DEVELOPMENT

basic education Department Basic Education Republic OF SOUTH AFRICA 88



WHERE TO FROM HERE 2 very child is a National Asset

- Expected outcome: Children who read for meaning by age 10
- The key driver is focus on African Languages ٠
- The matrix of interdependent 4-pillars: (i) Reading Policy, (ii) Skilled and agile • Teachers, (iii) Culturally-relevant LTSM; and (iv) Involved Parents and *Communities* tightens the scope
- Key partnerships; research, monitoring and evaluation; and communication and advocacy are cutting across sub-themes embedded in each of the pillars at the same time.
- ECD inclusion is a necessary condition to broaden the scope of reading literacy (from 0-10).
- End in mind: (i) A revised, implementable & costed framework; (ii) policy drafting process initiatives to begin in earnest.



INFORMED BY THE FRAMEWORK, WE ARE NOW FINALIZING THE REVISED NATIONAL READING STRATEGY

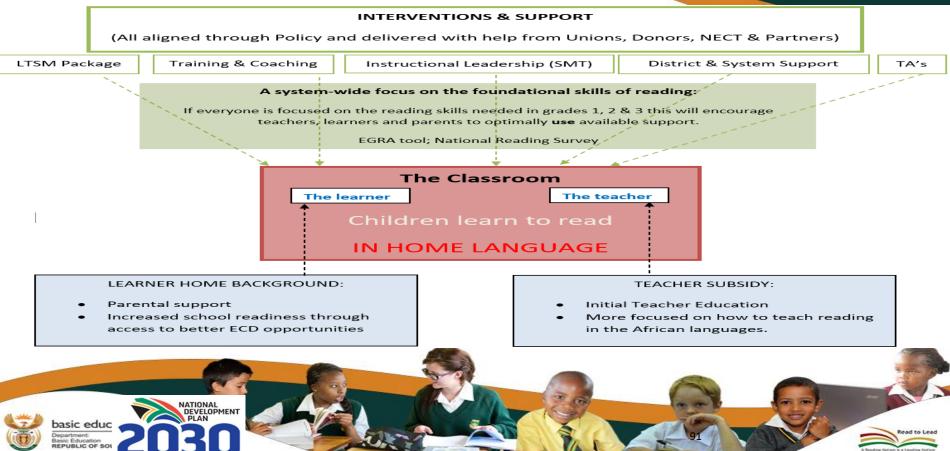
The revised Strategy will comprise **refining policy to explicitly guide the development of reading literacy**. This will include the rolling out of a comprehensive **Early Grade Reading Programme**, incorporating proven best practices.

- It will start with improving *school readiness through better ECD provision*
- The *primary focus is Home Language Literacy*, with *added support* for English as a First Additional Language.
- It will provide a culturally and age-appropriate Minimum LTSM package for both ECD and Early Grades
- Teacher training focused on Home Language Literacy & EFAL instructional methods and using LTSM package (*print & digital*); and
- Progress will be tracked:
 - Thrive by Five (early learning)
 - ELNA (School Readiness)
 - A reading survey to track foundational reading skills in Grades 1-3
 - Systemic Evaluation to measure the outcome of reading comprehension





Theory of Change



WE HAVE BEGUN TO COST AN EARLY GRADE READING PROGRAMME



Analysis of the financial implication of scaling an early grade reading programme in South Africa Final draft

Finance Review and Costing Tools have been developed to assist

planning

	External model	Hybrid model	Internal model	Avg annual cost (Millions), Y
Structured Learning Programme	Yes	Yes	Yes	External Hybrid Internal
Subject(s)	HL & EFAL	HL & EFAL	HL & EFAL	
	Base Programme			R
Tablets	No	No	No	
Teacher training conducted:	Externally	Internally	Internally	
	Year 1			R6.1 R6.1 R6.1
Annual training days	6	6	6	
No. of 2-day (residential) sessions	2	2		
No. of 1-day sessions	2	6	6	
	Year 2			
Provide training in year 2?	Yes	Yes	Yes	
Annual training days	4	6	6	Materials T
No. of 2-day (residential) sessions	0	2		
No. of 1-day sessions	4	6	6	Cost composition by implem
	Coaching Programme			External Hybrid Interna
Tablets	No	No	No	
	Year 1			0%
Annual training dave	c	c	0	
Cover Page Model Diagram Introdu	ction Provincial Dashboard	Programme Dashboard	Assumptions Detailed Result	s Bas + E < 🚥







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THE BASIC LTSM PACKAGE



Designing an LTSM package to help children to:

- learn to read; &
- support the habit and practice of reading esp. in Home Languages

FUNDING:

ECD: funds **already secured** Early Grades: Engagement with Treasury have ensued LTSM PACKAGE FOR EARLY YEARS:

Minimum package incl. resources to stimulate emergent & early literacy, will be provided to all ECDs in the poor Quintiles in this financial

MINIMUM PACKAGE FOR EARLY GRADES (1-3): (not an exhaustive list):

- Phonics Programme;
- Alphabet friezes & Flashcards
- Readers & reading series (exciting & fun, also address values, culture; etc)
- Non-fiction & expository texts in Afri Langs. – to stimulate academic literacy
- Posters Vocab, Handwriting, etc.

BUILDING COMMUNITY & SOCIAL CAPITAL

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THE STATE: GOVT & ITS ENTITIES

HIGHER EDUCATION INSTITUTIONS

NGOs & CIVIL SOCIETY ORGANISATIONS

BUSINESS & INDUSTRIES

COMMUNITIES & HOUSEHOLDS

INDIVIDUALS

Pulling together: we need alignment of purpose & effective coordination of efforts

LEVERAGING THE READING - ECOSYSTEM: A NEED FOR MOBILISATION & COORDINATION

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Department: Basic Education REPUBLIC OF SOUTH AFRICA MULTI-SECTORAL & MULTI-LATERAL MOBILISATION & COORDINATION Pulling together to amplify our efforts in promoting reading literacy and driving a reading movement

Pulling together to maximise efficiencies and

minimise wastage

Clarify the role of both the State and Non-State

actors

Promote Meaningful & Active Stakeholder

Participation

Promote coordination and alignment

Department Basic Education Republic of South AFRICA Promote parent / caregiver / community

agency



SYSTEMIC SUPPORT TO TELA Com Ex Res mal Asset

- Pandemic proved that a teacher, qualified to teach the skills of reading, in the classroom is critical to learning skills of reading;
 - Other forms of support (radio, home support, campaigns) were important in the pandemic but could not fully substitute for the teacher providing 8 hours of HL Literacy lessons a week.
- But we need to support **better instructional practice** by teachers
- We must expand the repertoire of instructional methods (especially hard-toteach methods like group guided reading)
 - by providing LTSM, support for lesson planning, and high dosage professional support, all targeting those methods
- Must eliminate large classes in FP;
- Prioritise filling of FP posts with those qualified to teach there.



SYSTEMIC SUPPORT TO TEASER FILLER SNAtional Asset

- Initial preparation of teachers to teach Home Languages
- Capacity building through induction & CPTD
- Will be aligned to LTSM and lesson planning support
- Must be higher dosage direct support
- Should combine a mix of easy-to-use teacher guides, upfront training, virtual support, on-site coaching
- PLCs led by Departmental Heads of FP must internalize best practice within the school
- Subject Advisors at district and circuit levels need to lead the local adoption of these forms of support



What is the role of the Curriculum line function?

- Efforts to strengthen the curriculum have included the development of norms and standards for reading in the Intermediate Phase including passage complexity, length and the number of passages
- A stricter use of assessment taxonomy's in all DBE work to give learners the opportunity to answer a range of questions with a broad set of difficulty levels has been increasingly enforced
- Overall curriculum strengthening is underway to consolidate and document the various lessons from PIRLS and other assessments



What is the role of Subject Advisors?

Identify

- Problem areas for the teachers to establish training needs
- Lead teachers' or 'cluster leaders' in districts to assist and support novice teachers

• Learning support

- Moderation of School-Based Assessment
- Needs analysis
- Annual LTSMs
- Facilitate:
 - content and methodology capacity building programmes for teachers
 - Subject Committee meetings
 - seminars/ colloquiums that promote teaching methodologies/ subject content



What is the role of Circuit Managers?

- Management and support to Principals and Deputy Principals
- Administrative support ensure that all learners are registered and that funds are distributed to schools
- **Capacity building** facilitate training for SGBs and SMTs
- Monitor the functionality of schools – ensure the correct allocation of teachers to subjects and phases
- Provide curriculum management and support to schools, school timetables adherence to notional time



What is the role of the school?

- Schools should develop and implement reading policies
- Schools, particularly primary schools should set aside at least 30 min a day for Drop All and Read
- School leaders and managers must support reading literacy initiatives
- Develop partnership networks with parents, communities, NGOs and Business.
- SGBs should mobilise parents to support the schools' reading literacy initiatives.



What is the role of Professional Learning Communities?

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- Take collective responsibility for student learning
- Challenge each other with questions
- **Reflect** on **own practices** together
- Have a shared vision to ensure learning for all learners
- Be systemic and vigorous use challenges emanating from discussions to invite support
- Meet regularly , stay connected with each other

PLCs are communities that provide the setting and necessary support for groups of classroom teachers, school managers and subject advisors to participate collectively in determining their own developmental trajectories, and to set up activities that will drive their development. *(ISPFTED, p.14)*



What is the role of the learner/child?

- Children need to access and read books as part of their daily activities.
- Spend at least 30 min a day reading at home, make reading a habit that will enable them to read fluently and with understanding.
- They should be encouraged to actively participate in debate teams, spelling bee & speech competitions, poetry and story-telling, as well as join community libraries.
- With support from parents and guardians, children need to prioritise reading, writing and learning; take care of the books they read; and share with others after reading.



What is the Role of NGOs & HEIs?

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- We are grateful to this sector for their contribution in regularly highlighting the importance of reading.
- Instrumental in sparking and sustaining a culture of reading in South Africa.
- Partnering with the Department and schools in the design and implementation of literacy programmes.
- Attracting corporate investment towards expanding access to books.
- Participating in literacy / reading ambassador programmes.

What is the role of corporate and the business sector?

- Partner with the Department, schools and NGOs in identifying and implementing social corporate programmes
- **Zero-rate platforms** for educational content, especially for reading literacy.
- TV and radio broadcast solutions to promote literacy through programmes that create an awareness around the importance of reading
- Promote **reading** in their sector
- Participate in **literacy** / **reading** ambassador programmes



ROLE OF PARENTS, FAMILIES, YOUTH COMMUNITY LEADERS

Parents and families:

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- An important role- model reading behaviour
- Ensure that their homes become hubs of storytelling and story-sharing.
- Track reading progress of their children,
- Providing support to assist and complement the role of the school.
- Promote library membership where available

DEVELOPMENT

- Volunteer in the schools' literacy promotion initiatives.
- Community leaders can raise the **profile of** reading and **influencing community-based** initiatives.



ROLE OF RESEARCH, MONITORING, INNOVATION AND Every child is a National Asset EVALUATION TO SUPPORT SYSTEM-WIDE-PROGRAMMES

1. Support scale-up of evidence-based approaches to improving reading in Foundation Phase Home Language Literacy (mainly) and EFAL teaching.

- Universal LTSM package with teacher guides and integrated materials (coordinated & sustained a la Workbooks)
- Layering on effective forms of professional support (direct training & coaching)
- 2. Ongoing innovation, research and evaluation to **inform** programmatic support at scale
 - Current evaluation of **Departmental Heads-led PLCs** (2021-2024)

3. Leveraging the new reading benchmarks in all languages to <u>track progress</u> in early reading skills, which builds towards comprehension

- Teachers strengthened in using Assessment for Learning and EGRA to teach; continuously asses & give feedback; as well as diagnose & remediate.
- National Reading benchmarks linked to existing programmes



What is different?

- The new integrated reading literacy strategy has been re-evaluated and critique internally and externally.
- We have reduced the areas of focus from **10 to 4 areas**
- We have shifted the focus from English First Additional Language to Home Language based on international and local evidence
- We are prioritizing appropriate African Home language materials including graded readers, decodable texts and alphabet freezes. These would be systematically incorporated into LTSM provisioning





NDP VISION STATEMENT

"We, the people of South Africa, have journeyed far since the long lines of our first democratic election on 27 April 1994, when we elected a government for us all.

We began to tell a new story then. We have lived and renewed that story along the way.

Now in **2030** we live in a country which we have remade..."



RECOMMENDATIONS

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That the Portfolio Committee on Basic Education discusses the presentation and provide guidance on the utilization of the assessment data and the **implementation** of the Reading Literacy Strategy and Plan



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