School resources and infrastructure in South Africa

Using data from the Trends in International Mathematics and Science Study (TIMSS), we examine the resources in schools attended by Grade 5 and Grade 9 learners. We also look at the extent to which learners are affected by a lack of school resources.



Compared to the international average of 26% (breakfast) and 19% (lunch) for Grade 5 learners, and 36% (breakfast) and 41% (lunch) for Grade 9 learners

Free meals

Percentage of learners attending schools where meals are provided for at least some learners

Number of computers

Mean number of computers (including tablets)

	Grade 5 16.4	Grade 9 15.8	
International average	21	73.7	<u></u>

69% of Grade 5 learners attended **no-fee schools** which do not have computers, compared to **30%** of learners attending **fee-paying** schools**



19% of Grade 5 learners attended **no-fee schools** which have libraries, compared to 79% of learners attending **fee-paying schools**

School library

Percentage of learners attending schools that have a school library

Instructional materials

Percentage of learners attending schools whose capacity to provide instruction is affected by a shortage or inadequacy of instructional materials

	Grade 5	Grade 9	
	68%	79%	
International average	77%	53%	

74% of Grade 5 learners at no-fee schools were affected by a shortage or inadequacy of instructional materials compared to 54% of learners at fee-paying school

		Grade 5	Grade 9
THE STATE OF THE S)	79%	73%
	International average	82%	63%

82% of Grade 5 learners at **no-fee schools** were affected by a shortage or inadequacy of instructional materials compared to 67% of learners at **fee-paying schools**

School building and grounds

Percentage of learners attending schools whose capacity to provide instruction affected by a **shortage or inadequacy** of school buildings and grounds







^{*} South Africa is one of seven countries that wrote TIMSS Numeracy

^{**} Fee-paying schools include public fee-paying and independent schools