

The Principals Academy Trust Performance Index (PATPI)

National Senior Certificate (NSC) Examinations are the only formal, national measure of assessment of learning outcomes of South Africa's public schools. These national examinations are administered, set, marked, and moderated externally. They are also internationally benchmarked against similar school-leaving examinations.

The Western Cape is the only province in the country to assesses its learners using externally administered and internationally benchmarked assessment tests in grades other than Grade 12. Each year in October all Grade 3, 6 and 9 learners are assessed in Language and Mathematics. The performance of learners in these Systemic Tests are made available to schools in January of the year following the year on which they were tested and provide useful diagnostic data on learner performance. Learners in Grade 3 are tested in their home language if it is one of the 3 official languages of the Western Cape (English, Afrikaans, IsiXhosa) and in Grades 6 and 9 the tests are conducted in the Language of Learning and Teaching (LoLT) of the school, which in the Western Cape is either English or Afrikaans.

Because of the availability of data from these tests and the significance of language and Mathematics on a child's educational and work-life prospects, the PAT chose to use the data from these tests, together with the Language and Mathematics results from the NSC examinations, to create the Principals Academy Trust Performance Index (PATPI) as a single measure of school performance. We use this index to track learning outcomes as a measure of school performance over time, and as a means of assessing the impact of our work with schools. In order to ensure that the PATPI was a measure of the quality of outcome we chose to include only the percentage of learners that scored 50% and more and 80% and more in these assessments.

The tables below set out how the PATI is calculated

Indicator: Primary Schools	Weighting	Factor	Final Score
Grade 3 Home Language pass @ 50%	20%	0.20	20
Grade 3 Home Language Distinctions (80%)	5%	0.05	5
Grade 3 Mathematics Pass @ 50%	20%	0.20	20
Grade 3 Mathematics Distinctions (80%)	5%	0.05	5
Grade 6 Home Language pass @ 50%	20%	0.20	20
Grade 6 Home Language Distinctions (80%)	5%	0.05	5
Grade 6 Mathematics Pass @ 50%	20%	0.20	20
Grade 6 Mathematics Distinctions (80%)	5%	0.05	5
Total	100%	1.00	100

Indicator: High Schools	Weighting	Factor	Final Score
Grade 9 LoLT pass @ 50%	20%	0.20	20
Grade 9 LoLT Distinctions (80%)	5%	0.05	5
Grade 9 Mathematics Pass @ 50%	20%	0.20	20
Grade 9 Mathematics Distinctions (80%)	5%	0.05	5
NSC LoLT Pass @ 50%	20%	0.20	20
NSC LoLT Distinctions (80%)	5%	0.05	5
NSC Mathematics Pass @ 50%	20%	0.20	20
NSC Mathematics Distinctions (80%)	5%	0.05	5
Total	100%	1.00	100