



Aptitude Profile Test Series (APTS-E) Educational Information for Parents and Students

Dear Parents

The four tests within the APTS-E are designed to estimate fundamental intellectual abilities. The content of these tests is not dependent on prior learning of detailed curriculum content. The results will provide information about your child's strengths and weaknesses to help in planning for the senior secondary years of schooling and beyond. The results should be considered in conjunction with achievement in school-based subjects to provide a broader picture of your child's capabilities.

Description of the Tests

Verbal Reasoning assesses understanding of concepts represented in words, including the ability to read simple text and to comprehend its meaning. Students are required to discover relationships among apparently different or similar concepts, and to apply the understood relationships. The test is useful for predicting success in vocations that require facility in comprehending and applying verbal concepts.

Quantitative Reasoning assesses the understanding of, and ability to apply, basic arithmetical processes in solving both abstract and real-world context numerical problems. It also assesses the ability to carry out numerical computations rapidly, and the ability to translate problems stated verbally into mathematical form. The latter two parts of the test (dealing with 'real world' problems) demand some verbal proficiency. The test is useful for predicting success in occupations that require competence in dealing with numbers at the most basic levels.

Abstract Reasoning assesses non-verbal reasoning ability. Each item involves abstract figures. Students are required to discover the principle(s) determining the rule or rules that govern the progression of a pattern from one diagram to another in a series, or to identify the part which is missing from a diagram. This is a way of measuring cognitive ability independently of curriculum content. The test is intended to predict success in vocations requiring perception of relationships among entities, rather than among words and numbers.

Spatial-Visual Reasoning

This test assesses students' ability to visualise objects from different perspectives and to carry out mental manipulation of the objects in two- and three-dimensional space. This includes the ability to orient oneself in space relative to fixed objects in order to identify certain perspectives. This test, like the abstract reasoning is a way of measuring cognitive ability independently of curriculum content. The test can be used to predict success in vocations requiring a sense of space and visualisation ability.

The APTS-E student report

Your child's scores are marked with a heavy black line for each test.

Raw scores

A raw score is the number of correct answers a student gets on a particular APTS-E test. Six correct answers give a raw score of 6.

Stanine scores

Stanine scores are derived from a national norm reference sample. A stanine is a score from 1 to 9 with a stanine of 9 indicating a very high level of general ability relative to the whole norm reference group, and a stanine of 1 indicating a very low relative achievement. Stanines group together percentile ranks as per the table below:

Description	Stanine	Corresponding percentile ranks
Very High	9	96 and above
Above Average	8	90-95
	7	77-89
Average	6	60-76
	5	40-59
	4	23-39
Below Average	3	11-22
	2	4-10
Very Low	1	3 and below

APTS-E Individual Report - Mouse, M

ACER School

Name MOUSE, M
Age Years-Month 14-9
Date of Birth 07/01/1992
Gender F
Year Level 9
ID Code

Raw Scores

	Verbal Reasoning	Quantitative Reasoning	Abstract Reasoning	Spatial Visual Reasoning	Total
Maximum Raw Score	75	62	42	48	
Raw Score	47	33	25	31	136
Percentile Range on National Norms	77-89	96+	60-77	77-89	
Stanine on National Norms	7	9	6	7	

National Stanines

Descriptor	Verbal Reasoning Stanine	Quantitative Reasoning Stanine	Abstract Reasoning Stanine	Spatial Visual Reasoning Stanine
Very High	9	9	9	9
Above Average	8	8	8	8
	7	7	7	7
Average	6	6	6	6
	5	5	5	5
	4	4	4	4
Below Average	3	3	3	3
	2	2	2	2
Very Low	1	1	1	1

Caution: Please use the Normative Information for Year 10 and Year 11 students with caution. See Section 9 of this manual.