



## BAS3 Results Summary

ID number: **0009**

Child's name:

Date of birth: **15/11/97**

Date tested: **29/11/11**

Age at assessment: **14:00**

Address:

School / class:

Special needs: **Autism / Aspergers / ASD**

Home / first language: **English**

Ethnicity: **White British**

Psychologist name: **A. Psychologist (Educational Psychologist)**

### GCA and Cluster standard scores

	CLUSTERS			
	VERBAL ABILITY	NON-VERBAL REASONING ABILITY	SPATIAL ABILITY	
Recognition of Designs			45	SNC 45 45 34 36 160
Word Definitions	52			
Pattern Construction			45	
Matrices		34		
Verbal Similarities	51			
Quantitative Reasoning		36		
<b>Sum of T-scores</b>	103	+ 70	+ 90	

	VERBAL ABILITY	NON-VERBAL REASONING ABILITY	SPATIAL ABILITY	GCA	SNC
<b>Standard score</b>	<b>102</b>	<b>74</b>	<b>91</b>	<b>86</b>	<b>79</b>
Confidence interval (95%)	93–111	68–85	82–102	80–93	73–88
Percentile	55	4	27	18	8



## Comparisons of GCA and Cluster Scores and observed with predicted Achievement Scale scores

COMPARISONS WITH THE GCA	Observed difference	Significance?		Frequency (%)
		p=0.05	Y/N	
Verbal	-16	8	Y	10<>5
Non-verbal Reasoning	12	8	Y	15
Spatial	-5	9	N	>25

BETWEEN CLUSTER COMPARISONS	Observed difference	Significance?		Frequency (%)
		p=0.05	Y/N	
Verbal vs Non-verbal Reasoning	28	13	Y	5<>2
Verbal vs Spatial	11	14	N	>25
Non-verbal Reasoning vs Spatial	-17	14	Y	25<>15

WITHIN CLUSTER COMPARISONS	Observed difference	Significance?		Frequency (%)
		p=0.05	Y/N	
Word Definitions vs Verbal Similarities	1	11	N	>25
Matrices vs Quantitative Reasoning	-2	11	N	>25
Recognition of Designs vs Pattern Construction	0	11	N	>25

OBSERVED vs PREDICTED ACHIEVEMENT COMPARISONS FOR BAS3	Observed score	Predicted score	Difference (O-P)	Significance?		Frequency (%)
				p=0.05	Y/N	
Number Skills	77	91	14	7	Y	10<>5
Spelling	89	93	4	7	N	>25
Word Reading A	93	92	-1	6	N	>25



## Summary of ability scores, T-scores, percentiles and age equivalents

Core Scales	Ability score	T-score	Percentile	Difference from mean core T-score	Significance?		Frequency (%)	Age equivalent
					p=0.05	Y/N		
Recognition of Designs	106	45	31	1	9	N	>25	11:09
Word Definitions	151	52	58	8	7	Y	25	15:03
Pattern Construction	197	45	31	1	6	N	>25	12:09
Matrices	124	34	5	-10	7	Y	>25	8:09
Verbal Similarities	132	51	54	7	8	N	>25	14:03
Quantitative Reasoning	150	36	8	-8	7	Y	>25	10:03
<b>Mean T-score =</b>		44						

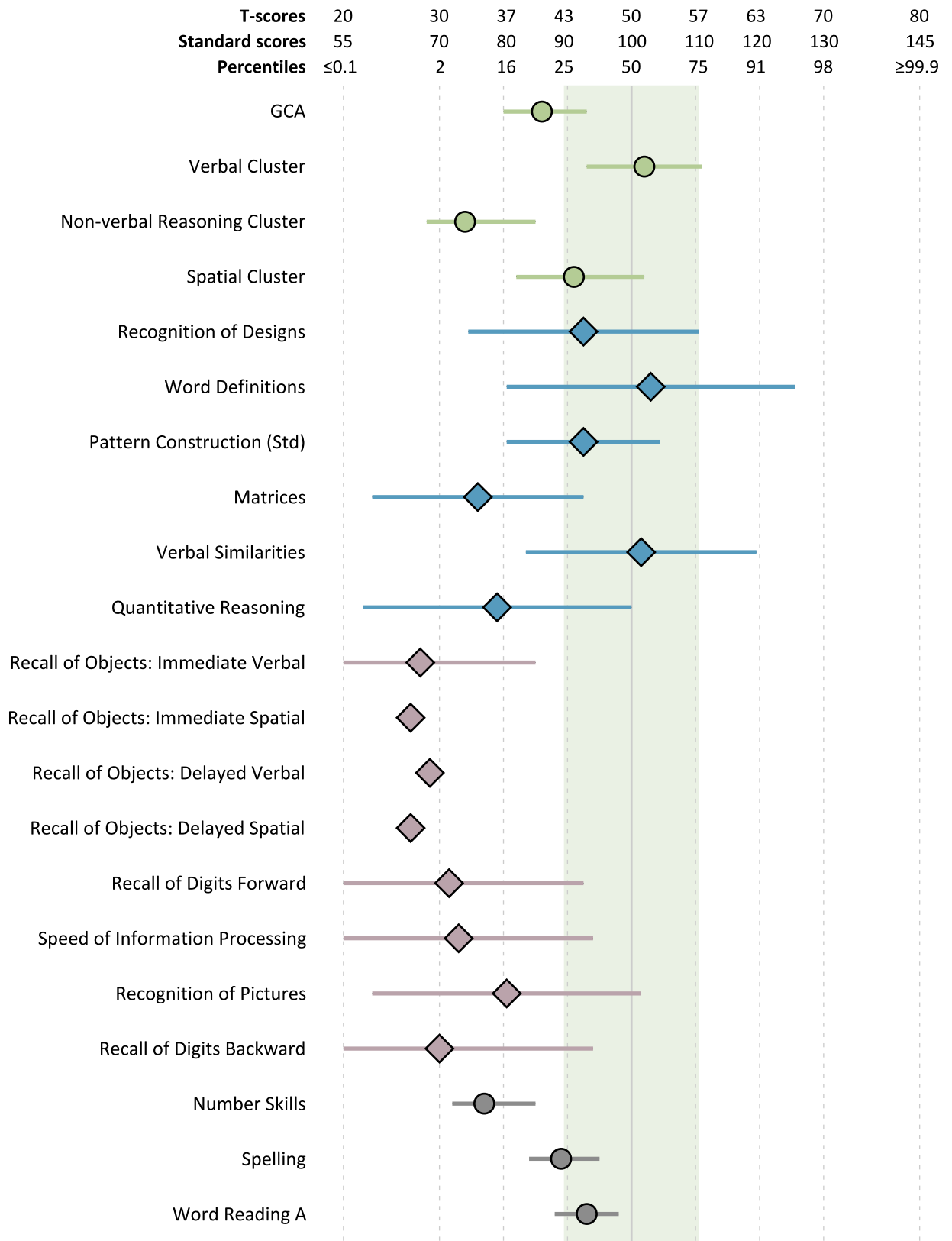
Diagnostic Scales	Ability score	T-score	Percentile	Difference from mean core T-score	Significance?		Frequency (%)	Age equivalent
					p=0.05	Y/N		
Recall of Objects: Immediate Verbal	98	28	1	-16	14	Y	>25	7:10
Recall of Objects: Immediate Spatial	Raw scores	8	27	1				
Recall of Objects: Delayed Verbal		8	29	2				
Recall of Objects: Delayed Spatial		6	27	1				
Recall of Digits Forward	116	31	3	-13	12	Y	>25	5:10
Speed of Information Processing	118	32	4	-12	9	Y	>25	9:09
Recognition of Pictures	106	37	10	-7	15	N	>25	7:10
Recall of Digits Backward	85	30	2	-14	10	Y	>25	7:04

Note: The Diagnostic Scale figures are based on the *BAS II* norms.

Achievement Scales	Ability score	Standard score	Percentile	Difference from GCA score	Significance?		Age equivalent
					p=0.05	Y/N	
Number Skills	144	77	6	-9	9	Y	9:03
Spelling	202	89	23	3	9	N	12:03
Word Reading A	223	93	32	7	9	N	12:09



## Profile of results



Green = GCA and Cluster Scores; Blue = School Age Core Scales; Purple = Diagnostic Scales; Grey = Achievement Scales.  
 The circle (standard score) or diamond (T-score) is the child's actual score and the whiskers on either side show the 95% confidence interval.  
 Scores falling within the shaded band are considered to be 'Average'.



## Individual scale data

Scales	Raw score	Item set	Ability score	Standard Error of Measurement	Lower limit*	Upper limit*
Recognition of Designs	16	10–29	106	5.9	100	112
Word Definitions	14	14–33	151	7.6	143	159
Pattern Construction	43	20–32	197	4.2	193	201
Matrices	17	19–42	124	5.7	118	130
Verbal Similarities	13	15–32	132	6.0	126	138
Quantitative Reasoning	11	17–30	150	7.1	143	157
Recall of Objects: Immediate Verbal	27	1–60	98	6.0	92	104
Recall of Objects: Immediate Spatial	8					
Recall of Objects: Delayed Verbal	8					
Recall of Objects: Delayed Spatial	6					
Recall of Digits Forward	16	1–36	116	7.0	109	123
Speed of Information Processing	8	7–12	118	7.0	111	125
Recognition of Pictures	7	6–23	106	7.0	99	113
Recall of Digits Backward	8	1–30	85	8.0	77	93
Number Skills	5	19–36	144	7.2	137	151
Spelling	25	31–75	202	4.8	197	207
Word Reading A	43	41–90	223	5.9	217	229

\* The lower and upper limits represent the 68% confidence interval for the obtained ability score.

