



## 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<br>45<br>45<br>34<br>36<br>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      |            |                                   |               |     |               |                |

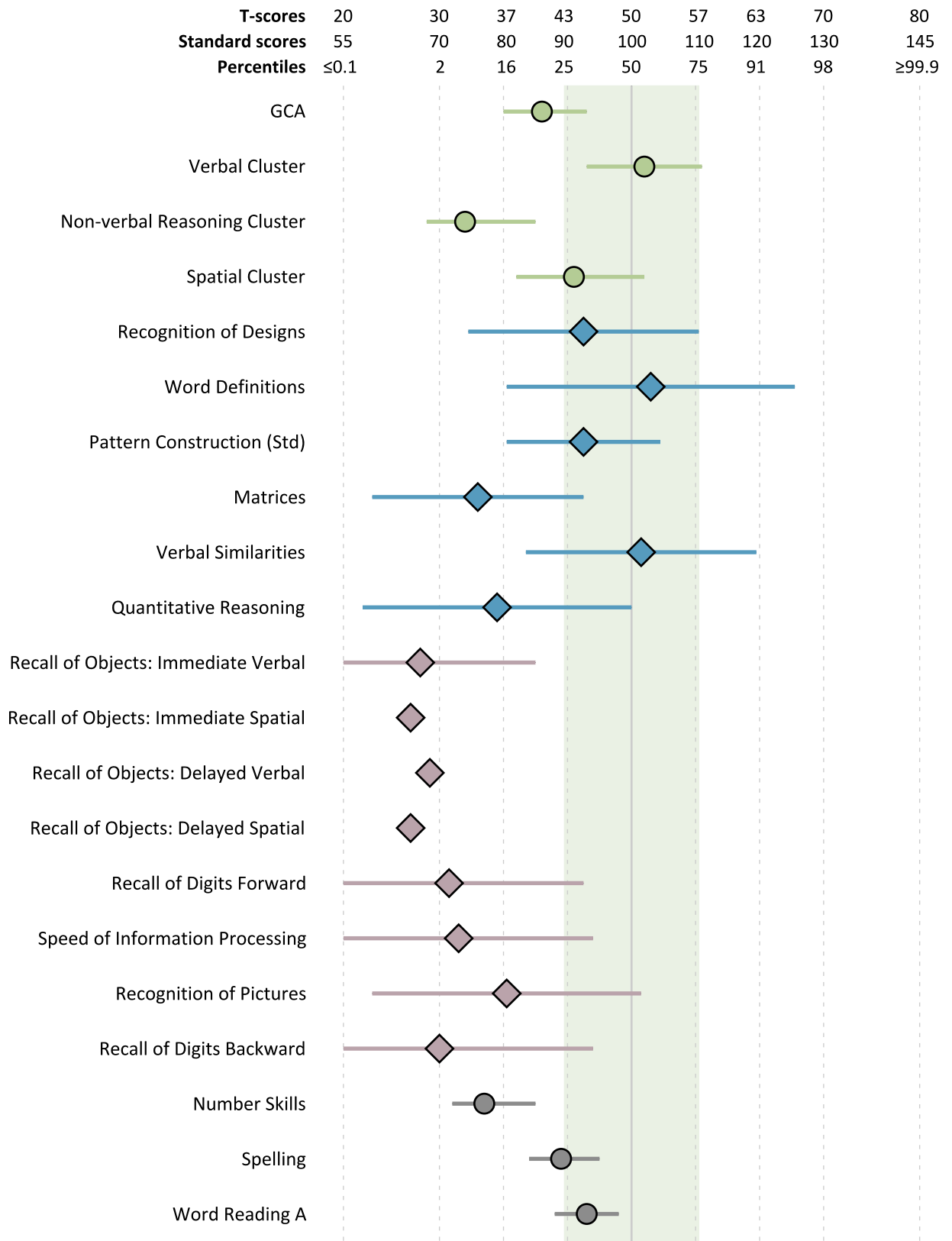
| Diagnostic Scales                    | Ability score | T-score | Percentile | Difference from mean core T-score | Significance? |     | Frequency (%) | Age equivalent |
|--------------------------------------|---------------|---------|------------|-----------------------------------|---------------|-----|---------------|----------------|
|                                      |               |         |            |                                   | 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.

