

## Progress Test in Maths alongside Quantitative CAT4 reasoning scores

Student name	CAT4 Quantitative SAS	PTM Overall SAS	Maths discrepancy category	CAT4 Non-verbal SAS	CAT4 Spatial SAS	CAT4 Mean SAS
Tom Albright	80	110	Much higher than expected	88	100	91
Daniel Browne	106	106	Expected	100	109	106
Dominic Browne	85	98	Higher than expected	97	98	96
Joshua Browne	116	102	Lower than expected	106	117	117
Louisa Cole	107	113	Higher than expected	98	97	104
Danielle Dixon	106	91	Much lower than expected	112	125	109
Nick Duffy	101	112	Much higher than expected	87	112	100
Billy Freeman	107	85	Much lower than expected	98	108	108
Martin Gibson	73	79	Expected	64	66	71
Nathan Gill	81	80	Much lower than expected	83	81	87
Jahazabe Imran	112	89	Much lower than expected	101	100	109
Sophie Jobson	103	117	Much higher than expected	88	116	102
Natasha Jones	108	119	Much higher than expected	101	105	106
Elise Kelly	79	106	Much higher than expected	75	120	95
Sarah Ling	110	104	Expected	109	105	108
Ben Lynch	103	93	Lower than expected	76	86	92

**Billy Freeman**  
 CAT Verbal: 105  
 PTE: 107  
 NGRT: 104

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Nathan Gill	91	80	Much lower than expected	83	81	87

Martin is an example of a student with very low ability as demonstrated by CAT4. His NGRT score is also below average (SAS 84). However, his score for PTE is 103 (not shown in this table) which shows that he is attaining at an average level for his age in English. What might be allowing him to 'overachieve' in English but not in Maths?

## Low Verbal SAS

### Lower than expected maths attainment

Students:

Joshua Browne

Ben Lynch

Sue Moore

Pauline Nurse

Adrian Watt

### Much lower than expected maths attainment

Students:

Danielle Dixon

Billy Freeman

Nathan Gill

Jahazabe Imran

Florence Nash

Katie Ward

Danielle has a Non-verbal Reasoning SAS of 112 and a Spatial Ability SAS of 125; should her maths (SAS 102) be higher? Verbal Reasoning SAS is 92 - much lower than her other scores - **thoughts?**

## Progress Test in English alongside CAT4 verbal reasoning scores

Student name	CAT4 Verbal SAS	PTE Overall SAS	English discrepancy category
Tom Albright	96	134	Much higher than expected
Daniel Browne	110	93	Much lower than expected
Dominic Browne	103	96	Expected
Joshua Browne	130	93	Much lower than expected
Louisa Cole	113	115	Higher than expected
Danielle Dixon	92	94	Expected
Nick Duffy	100	103	Expected
Billy Freeman	117	108	Expected
Martin Gibson	81	103	Much higher than expected
Nathan Gill	94	113	Much higher than expected
Jahazabe Imran	122	73	Much lower than expected
Sophie Jobson	99	91	Lower than expected

Jahazabe Imran has an above average SAS for Verbal Reasoning which is based on word reading; her English score is low. What might explain this?