

## Standard CAT reports

**School:** Sample School

**Section:** A, B, C

**Group:** Year R1Y

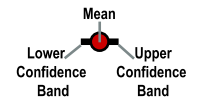
**No. Students:** 100

**CAT level:** E

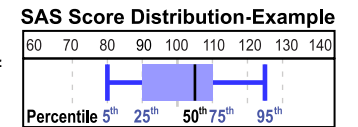
The following pages give a summary of the results achieved by your group based on the Verbal, Quantitative, Non-Verbal and the overall mean CAT Standard Age Scores (SAS). A SAS comes from comparing a student's raw score with the national standardisation sample, taking chronological age into account. This shows how each student is performing compared to the national average for their age. The national average SAS is 100.

### Section A - Demographic Comparison

The table shows raw score and Standard Age Score (SAS) means and standard deviations for each group of students. The chart shows the average SAS scores (red dot) with 80% confidence bands (black horizontal line). If the black horizontal line (confidence band) overlaps the national '100' line the results for your group do not differ significantly from the national average. Confidence bands are not displayed for groups with less than 5 students as these are usually very wide with few students.



The chart also shows the score distribution displayed as a box and whisker plot for each group of students. The sample graph shows an example for a group of students. Half the students have scores within the box range which in this example is between 90 and 110. It also shows that 5% of students have SAS scores below 80, 25% have scores below 90, 50% have scores below 105 (vertical black line), 75% below 110 and 95% below 125.



### Section B - Comparison of group and national SAS distributions

The bar charts show the percentage of students that fall within certain ranges of scores. The charts allow you to compare the score distribution of your group with the national standardisation sample. The distribution of the national standardisation sample is a "normal" distribution

### Section C - Students' CAT scores listed by merit order

Scores for each student are shown as a Raw Score (RS), a Standard Age Score (SAS), a Stanine (ST), a National Percentile Rank (NPR) and a Group Rank (GR).

SASs cover a wide range (from 60- to 140+) and this range can be subdivided into nine standard bands called stanines (from 'standard nines') which some people find are a convenient shorthand form of SAS. It should be remembered that some detail has been lost in grouping the scores into Stanines; SASs are a more precise measure.

National Percentile Rank can help you assess your students in the context of the national picture. For example, a student achieving an NPR of 60 has a higher SAS than 60% of students in the standardisation sample (or, equivalently, 40% of students in the standardisation sample had an SAS higher than or equal to that of a student whose NPR is 60). Group Rank indicates a student's position relative only to the other students in your class/group, ranked according to SAS for each battery, or mean SAS (for example, 3rd out of 30).

You can view the **individual students' CAT profiles (Section D)** for a particular student by clicking on the student name. More details about the profiles are given at the start of Section D.

# Cognitive Abilities Test Ireland

School: Sample School

CAT Level: E

Group: Year R1Y

No. Students: 100

		No. Students	Mean Standard Age Scores				Mean Raw Scores		
			Overall CAT	Verbal	Quantitative	Non-Verbal	Verbal	Quantitative	Non-Verbal
<b>All Students</b>		<b>100</b>	<b>107.5</b>	<b>108.3</b>	<b>106.8</b>	<b>107.3</b>	<b>62.3</b>	<b>41.6</b>	<b>39.3</b>
<b>Gender</b>	Males	56	107.4	107.8	106.9	107.6	62.2	41.8	39.6
	Females	44	107.6	109.1	106.8	107.0	62.4	41.3	39.0

School: Sample School  
 Group: Year R1Y

CAT Level: E  
 No. Students: 100

		No. Students	Verbal	Quantitative	Non-Verbal
			60 70 80 90 100 110 120 130 140	60 70 80 90 100 110 120 130 140	60 70 80 90 100 110 120 130 140
National					
<b>All Students</b>		<b>100</b>			
<b>Gender</b>	Males	56			
	Females	44			

Number of students is based upon the Overall CAT score. The chart shows the mean SAS scores as a red dot with 80% confidence bands as a black horizontal line.

School: Sample School

CAT Level: E

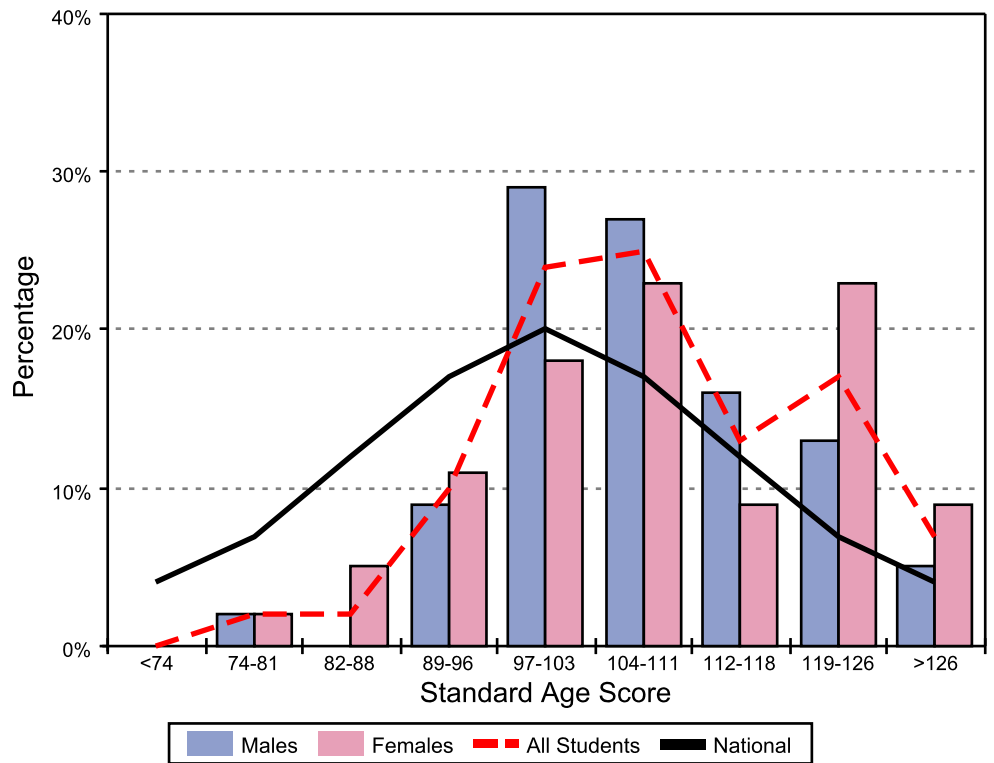
Group: Year R1Y

No. Students: 100

Verbal

Notes:

1. The mean standard age score for this group is significantly above the national average.
2. The spread of scores for this group is significantly below the national spread of scores.
3. The mean standard age score for boys is not significantly different from girls.



		Stanine		1	2	3	4	5	6	7	8	9
		No. Students	Mean SAS	<74	74-81	82-88	89-96	97-103	104-111	112-118	119-126	>126
National		100	100	4%	7%	12%	17%	20%	17%	12%	7%	4%
<b>All Students</b>		<b>100</b>	<b>108.3</b>	<b>0%</b>	<b>2%</b>	<b>2%</b>	<b>10%</b>	<b>24%</b>	<b>25%</b>	<b>13%</b>	<b>17%</b>	<b>7%</b>
<b>Gender</b>	Males	56	107.8	0%	2%	0%	9%	29%	27%	16%	13%	5%
	Females	44	109.1	0%	2%	5%	11%	18%	23%	9%	23%	9%

School: Sample School

CAT Level: E

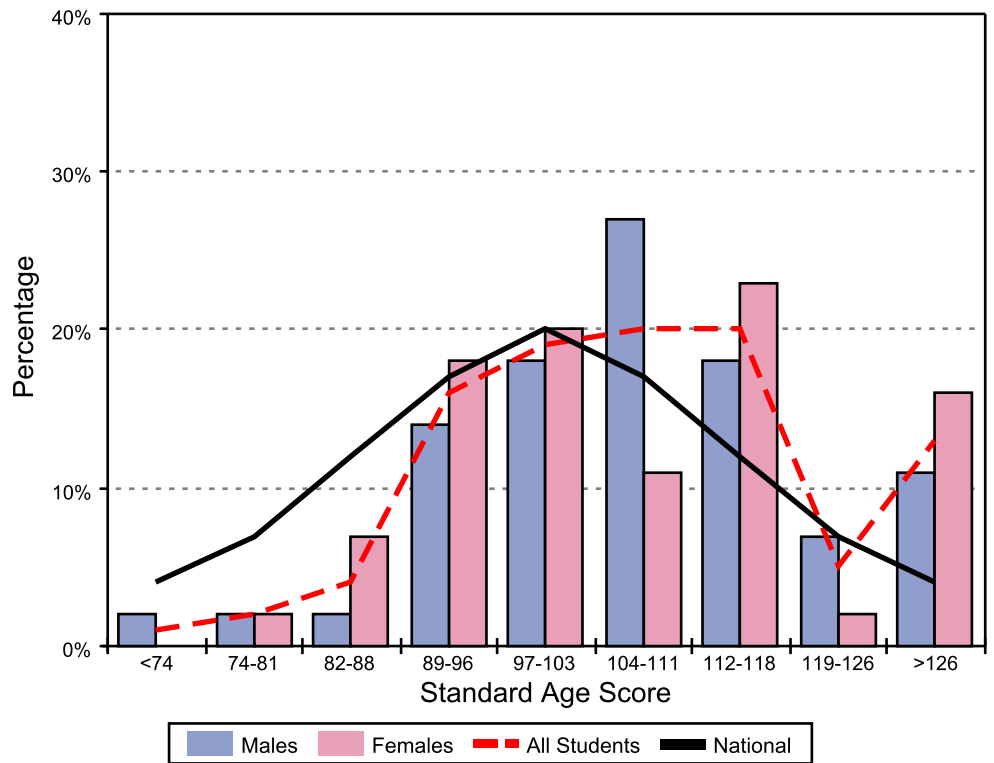
Group: Year R1Y

No. Students: 100

### Quantitative

**Notes:**

1. The mean standard age score for this group is significantly above the national average.
2. The spread of scores for this group is not significantly different than the national spread of scores.
3. The mean standard age score for boys is not significantly different from girls.



		Stanine		1	2	3	4	5	6	7	8	9
		No. Students	Mean SAS	<74	74-81	82-88	89-96	97-103	104-111	112-118	119-126	>126
National			100	4%	7%	12%	17%	20%	17%	12%	7%	4%
<b>All Students</b>		<b>100</b>	<b>106.8</b>	<b>1%</b>	<b>2%</b>	<b>4%</b>	<b>16%</b>	<b>19%</b>	<b>20%</b>	<b>20%</b>	<b>5%</b>	<b>13%</b>
<b>Gender</b>	Males	56	106.9	2%	2%	2%	14%	18%	27%	18%	7%	11%
	Females	44	106.8	0%	2%	7%	18%	20%	11%	23%	2%	16%

School: Sample School

CAT Level: E

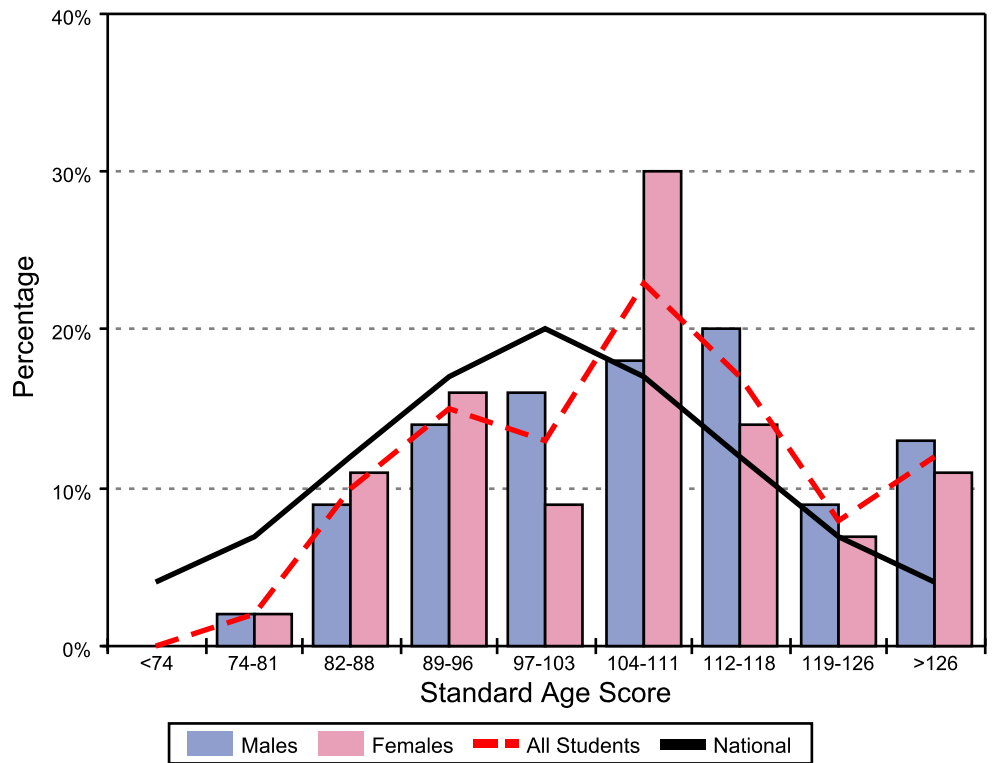
Group: Year R1Y

No. Students: 100

### Non-Verbal

**Notes:**

1. The mean standard age score for this group is significantly above the national average.
2. The spread of scores for this group is not significantly different than the national spread of scores.
3. The mean standard age score for boys is not significantly different from girls.



		Stanine		1	2	3	4	5	6	7	8	9
		No. Students	Mean SAS	<74	74-81	82-88	89-96	97-103	104-111	112-118	119-126	>126
National		100		4%	7%	12%	17%	20%	17%	12%	7%	4%
<b>All Students</b>		<b>100</b>	<b>107.3</b>	<b>0%</b>	<b>2%</b>	<b>10%</b>	<b>15%</b>	<b>13%</b>	<b>23%</b>	<b>17%</b>	<b>8%</b>	<b>12%</b>
<b>Gender</b>	Males	56	107.6	0%	2%	9%	14%	16%	18%	20%	9%	13%
	Females	44	107.0	0%	2%	11%	16%	9%	30%	14%	7%	11%

**School:** Sample School  
**Group:** Year R1Y

**CAT Level:** E  
**No. Students:** 100

Student Name	Date of Test	Mean CAT		Verbal					Quantitative					Non-Verbal				
		SAS	GR	RS	SAS	ST	NPR	GR	RS	SAS	ST	NPR	GR	RS	SAS	ST	NPR	GR
Julia Seals	21-09-2011	136	1=	77	141	9		1=	54	127	9	96	10=	63	141	9		1=
Mae Wellington	21-09-2011	136	1=	75	132	9	98	4	56	137	9	99	1=	62	140	9		4=
Rafe Butcher	21-09-2011	135	3	77	141	9		1=	55	131	9	98	5=	59	133	9	99	8
Alicia Gannon	21-09-2011	133	4	72	121	8	92	18=	56	137	9	99	1=	64	141	9		1=
Percy Bateson	21-09-2011	132	5=	74	126	8	96	8=	55	131	9	98	5=	62	139	9		6
Saraid Hogan	21-09-2011	132	5=	72	120	8	91	21=	56	136	9	99	3=	63	141	9		1=
Keenan Southgate	21-09-2011	131	7	73	125	8	95	11=	54	128	9	97	9	62	140	9		4=
Joseph Mullen	21-09-2011	130	8=	75	130	9	98	7	55	131	9	98	5=	57	130	9	98	10
Nola Donne	21-09-2011	130	8=	76	135	9	99	3	56	136	9	99	3=	53	120	8	91	18=
Tom Walmsley	21-09-2011	125	10	71	118	7	89	25=	55	131	9	98	5=	55	125	8	95	14
Andrew Stephenson	21-09-2011	124	11	74	126	8	96	8=	49	115	7	84	22=	58	131	9	98	9
Boniface Harford	21-09-2011	123	12=	73	124	8	94	13=	45	109	6	72	44	60	136	9	99	7
Niall Brennan	21-09-2011	123	12=	68	114	7	82	30=	54	127	9	96	10=	56	128	9	97	11
Sheryl Burseson	21-09-2011	122	14	73	124	8	94	13=	49	115	7	84	22=	55	126	8	96	13
Lorin Abram	21-09-2011	121	15	75	131	9	98	5=	49	115	7	84	22=	49	116	7	86	25=
Brandy Winslow	21-09-2011	120	16	70	118	7	89	25=	48	114	7	82	26=	55	127	9	96	12
Amelia Dorris	21-09-2011	119	17	73	124	8	94	13=	48	113	7	80	35=	51	119	8	90	20
Ninian Cavanagh	21-09-2011	118	18	72	122	8	93	16=	52	122	8	93	15	43	110	6	74	40=
Nora Coleman	21-09-2011	117	19=	70	118	7	89	25=	54	127	9	96	10=	38	105	6	63	54=
Julian Wilson	21-09-2011	117	19=	59	101	5	52	69=	54	126	8	96	14	55	124	8	94	15
Bidelia Brady	21-09-2011	116	21	74	125	8	95	11=	49	114	7	82	26=	45	110	6	74	40=
Darina Robinett	21-09-2011	115	22=	75	131	9	98	5=	40	103	5	58	59=	44	110	6	74	40=
Anna Baxley	21-09-2011	115	22=	74	126	8	96	8=	41	104	6	60	51=	48	115	7	84	27=
Maxine Jaquez	21-09-2011	115	22=	66	110	6	74	40=	51	119	8	90	16=	49	116	7	86	25=
Owen Mcadams	21-09-2011	115	22=	67	112	7	78	35=	48	114	7	82	26=	52	120	8	91	18=
Lashay Lawrence	21-09-2011	114	26=	67	111	6	77	38=	46	110	6	74	40=	53	121	8	92	17
Cullen Jackson	21-09-2011	114	26=	70	118	7	89	25=	45	110	6	74	40=	47	114	7	82	30=
Debra Batiste	21-09-2011	114	26=	71	119	8	90	23=	48	114	7	82	26=	43	109	6	72	44=
Abraham Edwardson	21-09-2011	114	26=	59	101	5	52	69=	51	119	8	90	16=	54	123	8	94	16
Ashley Ericson	21-09-2011	113	30=	72	122	8	93	16=	45	110	6	74	40=	41	108	6	70	49
Barrett Donne	21-09-2011	113	30=	68	113	7	80	32=	48	113	7	80	35=	46	112	7	78	35=
Patrick Johnston	21-09-2011	113	30=	68	114	7	82	30=	43	107	6	68	48=	49	117	7	87	22=
Colin Lucas	21-09-2011	112	33	71	120	8	91	21=	49	116	7	86	21	33	100	5	50	64=
Naomi Sellars	21-09-2011	111	34=	72	121	8	92	18=	41	104	6	60	51=	43	109	6	72	44=

Student Name	Date of Test	Mean CAT		Verbal					Quantitative					Non-Verbal				
		SAS	GR	RS	SAS	ST	NPR	GR	RS	SAS	ST	NPR	GR	RS	SAS	ST	NPR	GR
Caoimhe Dempsey	21-09-2011	111	34=	47	90	4	26	93=	54	127	9	96	10=	50	117	7	87	22=
Conan Jackson	21-09-2011	110	36=	59	102	5	55	66=	49	115	7	84	22=	46	112	7	78	35=
Joseph Dudley	21-09-2011	110	36=	61	104	6	60	57=	47	112	7	78	37=	47	113	7	80	33=
Kit Vernon	21-09-2011	110	36=	67	112	7	78	35=	51	119	8	90	16=	33	100	5	50	64=
Emma Morse	21-09-2011	109	39=	67	113	7	80	32=	50	117	7	87	19=	28	96	4	40	74=
Zach Honeysett	21-09-2011	109	39=	67	111	6	77	38=	50	117	7	87	19=	33	99	5	48	66=
Myra Yancy	21-09-2011	109	39=	57	101	5	52	69=	48	114	7	82	26=	46	113	7	80	33=
Krista Watkins	21-09-2011	109	39=	65	108	6	70	45=	41	104	6	60	51=	48	115	7	84	27=
Radclyffe Cornell	21-09-2011	109	39=	61	104	6	60	57=	44	108	6	70	45=	48	115	7	84	27=
Norma Goss	21-09-2011	109	39=	65	109	6	72	42=	48	114	7	82	26=	39	105	6	63	54=
Bridget O'Neill	21-09-2011	109	39=	63	106	6	66	50=	44	108	6	70	45=	47	114	7	82	30=
Liadan Mccaig	21-09-2011	108	46	56	100	5	50	72=	48	114	7	82	26=	42	109	6	72	44=
Keshaun Bannerman	21-09-2011	107	47=	65	108	6	70	45=	39	102	5	55	62=	46	112	7	78	35=
Doug Rose	21-09-2011	107	47=	56	99	5	48	78=	43	107	6	68	48=	47	114	7	82	30=
Viola Strange	21-09-2011	106	49=	60	103	5	58	63=	44	108	6	70	45=	40	106	6	66	52=
Davie Dickinson	21-09-2011	106	49=	62	105	6	63	54=	34	95	4	37	78=	50	117	7	87	22=
Alex Brant	21-09-2011	106	49=	61	104	6	60	57=	41	104	6	60	51=	45	111	6	77	38=
Terry Snelling	21-09-2011	106	49=	62	105	6	63	54=	43	107	6	68	48=	39	105	6	63	54=
Mel O'Malley	21-09-2011	106	49=	70	118	7	89	25=	35	97	5	42	75=	35	102	5	55	62
Leona Glassman	21-09-2011	106	49=	68	112	7	78	35=	34	95	4	37	78=	45	110	6	74	40=
Georgia O'Sullivan	21-09-2011	105	55=	62	104	6	60	57=	40	103	5	58	59=	44	109	6	72	44=
Adam Jewell	21-09-2011	105	55=	64	108	6	70	45=	36	98	5	45	70=	43	109	6	72	44=
Keelan Byrnes	21-09-2011	105	55=	71	119	8	90	23=	36	98	5	45	70=	30	97	5	42	71=
Cillin Yates	21-09-2011	105	55=	62	105	6	63	54=	36	98	5	45	70=	45	111	6	77	38=
Dwight Coleman	21-09-2011	105	55=	63	107	6	68	49	48	114	7	82	26=	25	93	4	32	82=
Skylar Quincey	21-09-2011	105	55=	62	106	6	66	50=	46	111	6	77	39	32	99	5	48	66=
June Parnell	21-09-2011	104	61=	72	121	8	92	18=	32	93	4	32	84=	32	99	5	48	66=
Harvie Royce	21-09-2011	104	61=	61	103	5	58	63=	39	101	5	52	64=	42	107	6	68	50=
Muiris O'Neill	21-09-2011	103	63=	44	89	4	24	95=	38	101	5	52	64=	50	118	7	89	21
Ruby Loy	21-09-2011	103	63=	65	109	6	72	42=	31	92	4	30	87=	41	107	6	68	50=
Peter Elder	21-09-2011	103	63=	56	100	5	50	72=	48	114	7	82	26=	28	96	4	40	74=
Martha Krouse	21-09-2011	102	66	56	99	5	48	78=	39	102	5	55	62=	41	106	6	66	52=
Michelle Pankey	21-09-2011	101	67=	55	98	5	45	81=	47	112	7	78	37=	27	94	4	34	80=
Malcom Pond	21-09-2011	101	67=	60	104	6	60	57=	33	95	4	37	78=	37	104	6	60	60
Tamara Herr	21-09-2011	101	67=	66	110	6	74	40=	36	98	5	45	70=	28	95	4	37	77=
Faye Fuentes	21-09-2011	101	67=	63	106	6	66	50=	38	100	5	50	66=	29	96	4	40	74=
Grenville Maccailin	21-09-2011	100	71=	50	93	4	32	90	46	110	6	74	40=	32	98	5	45	70



Student Name	Date of Test	Mean CAT		Verbal					Quantitative					Non-Verbal				
		SAS	GR	RS	SAS	ST	NPR	GR	RS	SAS	ST	NPR	GR	RS	SAS	ST	NPR	GR
Eoin Dedrick	21-09-2011	100	71=	68	113	7	80	32=	28	89	4	24	91=	31	97	5	42	71=
John McQuaid	21-09-2011	100	71=	66	109	6	72	42=	41	104	6	60	51=	19	86	3	18	93=
Deon Samuels	21-09-2011	100	71=	58	102	5	55	66=	40	104	6	60	51=	25	94	4	34	80=
Ciara Reagan	21-09-2011	98	75=	53	97	5	42	84=	30	91	4	28	89	39	105	6	63	54=
Karla Birch	21-09-2011	98	75=	63	106	6	66	50=	37	99	5	48	68=	20	88	3	22	89=
Lawrence Fitzpatrick	21-09-2011	98	75=	54	97	5	42	84=	37	99	5	48	68=	30	97	5	42	71=
Mary Lemus	21-09-2011	98	75=	51	94	4	34	89	38	100	5	50	66=	35	101	5	52	63
Monte Dickens	21-09-2011	98	75=	64	108	6	70	45=	35	97	5	42	75=	22	90	4	26	86=
Reagan Abrams	21-09-2011	98	75=	60	103	5	58	63=	35	97	5	42	75=	28	95	4	37	77=
Lula Centeno	21-09-2011	98	75=	62	104	6	60	57=	40	103	5	58	59=	21	88	3	22	89=
Ben Ryder	21-09-2011	97	82	51	95	4	37	87=	40	104	6	60	51=	24	92	4	30	84
Jonathan Bailey	21-09-2011	96	83=	48	92	4	30	91	32	93	4	32	84=	36	103	5	58	61
Samuel Horsfall	21-09-2011	96	83=	59	102	5	55	66=	20	82	3	12	97	39	105	6	63	54=
Konnor Boivin	21-09-2011	95	85=	58	100	5	50	72=	34	95	4	37	78=	24	91	4	28	85
Matthew Gray	21-09-2011	95	85=	56	98	5	45	81=	20	81	2	11	98	40	105	6	63	54=
Ripley Frye	21-09-2011	94	87=	56	100	5	50	72=	40	104	6	60	51=	11	77	2	6	100
William Parr	21-09-2011	94	87=	58	100	5	50	72=	32	93	4	32	84=	20	88	3	22	89=
Melanie Terrazas	21-09-2011	93	89	54	97	5	42	84=	29	90	4	26	90	25	93	4	32	82=
Zackery Ready	21-09-2011	92	90=	57	100	5	50	72=	28	89	4	24	91=	18	86	3	18	93=
Barrie Quinn	21-09-2011	92	90=	54	98	5	45	81=	33	95	4	37	78=	16	84	3	14	96=
Danielle Ashby	21-09-2011	92	90=	43	87	3	20	98	34	95	4	37	78=	28	95	4	37	77=
Kathy Mateo	21-09-2011	92	90=	47	90	4	26	93=	26	87	3	20	96	33	99	5	48	66=
Gerry Church	21-09-2011	92	90=	44	89	4	24	95=	36	98	5	45	70=	22	90	4	26	86=
Shea O'Seaghda	21-09-2011	91	95	55	99	5	48	78=	28	89	4	24	91=	17	85	3	16	95
Lucy Ryan	21-09-2011	90	96	51	95	4	37	87=	26	88	3	22	94=	18	87	3	20	92
Genevieve Batchelor	21-09-2011	87	97	44	88	3	22	97	31	92	4	30	87=	15	82	3	12	98
Krista Dingman	21-09-2011	85	98	29	78	2	7	99	26	88	3	22	94=	20	89	4	24	88
Ruth Cotton	21-09-2011	82	99	46	91	4	28	92	17	78	2	7	99	12	78	2	7	99
Sonny Hogan	21-09-2011	76	100	24	74	2	4	100	11	70	1	2	100	16	84	3	14	96=

## Individual students' CAT profiles

**School:** Sample School

**Section:** D

**Group:** Year R1Y

**No. Students:** 100

**CAT level:** E

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### Information relating to the CAT

The following pages contain individual profiles for each student in your class/group. The data is presented in both tabular and graphical format. The table does not include the Group Rank which is omitted so that the profile may more easily be shared with students and parents.

The chart shows the standard age scores for each battery, with the 90% confidence band marked around each score. This band is important, particularly if standard age scores are being used for cut-off purposes.

Statistically we can only estimate a student's true score on CAT because their performance on any one occasion can be affected by a number of factors such as mood, illness, external distractions etc. This means that, on another day, the same student could get a different score. However, we can use statistics to estimate the range of scores within which we can be 90% confident that the student's true score lies. The width of these bands varies according to the individual SAS, with most 'irregularity' occurring where an SAS is extremely high or very low.

# Cognitive Abilities Test Ireland

Further Information about CAT scores is provided in the Cognitive Abilities Test Administration Manual.

In case of enquiries please contact the GL Assessment Customer Service Advisers on 0845 6021937.

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**School:** Sample School  
**Group:** Year R1Y

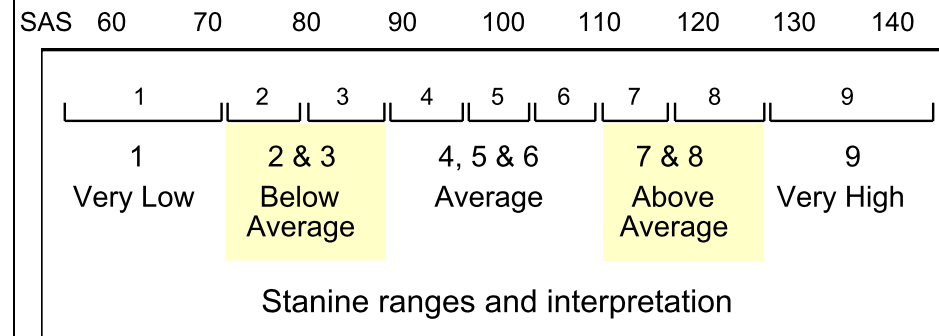
**Student Name:** Nola Donne  
**Age:** 13:09  
**Sex:** Female

**CAT Level:** E  
**Date of Test:** 21-09-2011

Battery	Raw Score	SAS	ST	NPR	Standard Age Score with 90% Confidence Bands															
					SAS	60	70	80	90	100	110	120	130	140						
VERBAL (78 questions attempted)	76	135	9	99																
QUANTITATIVE (58 questions attempted)	56	136	9	99																
NON-VERBAL (66 questions attempted)	53	120	8	91																

The overall mean SAS for all batteries taken is 130. Individual performance on each battery taken shows that this pupil is very high on Verbal Reasoning, very high on Quantitative Reasoning, above average on Non-Verbal Reasoning.

**Key:**  
 SAS - Standard Age Score  
 ST - Stanine  
 NPR - National Percentile Rank  
 ! - Chance level raw score



**Note:**  
 A student's SAS scores are only an estimate of true ability as performance on any one occasion can be affected by a number of factors such as mood, illness etc. So, on another day, the same student could get a different score. Statistical methods can be used to estimate the range of scores within which you can be 90% sure that the student's true score lies.