



Every Child Matters-

Out with the old, in with the new

Sandy Upper School
Achieving Excellence Beyond Belief

Achievement – The Old System

5A*-Cs including Maths and English

5A*-Cs at GCSE

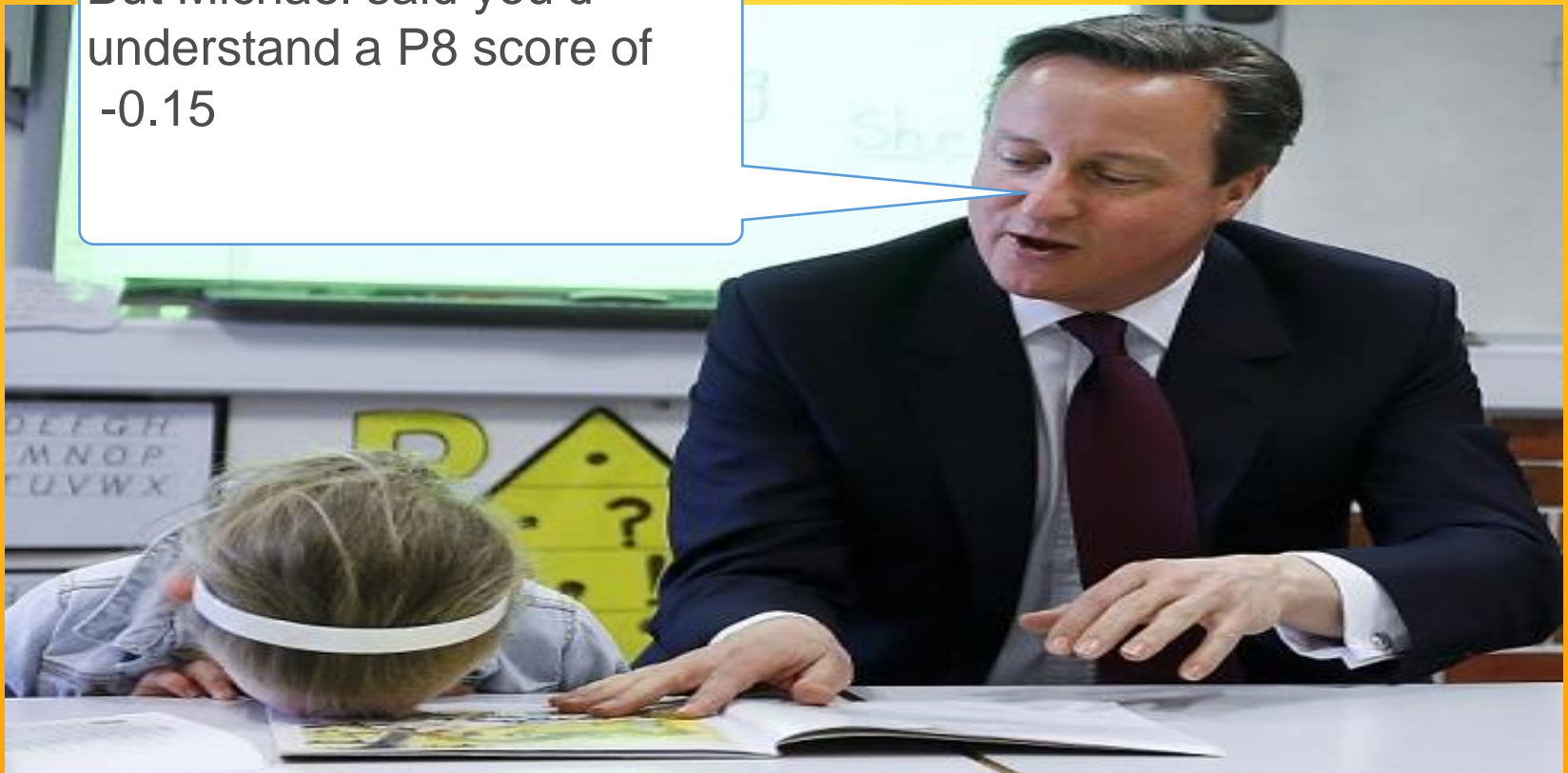
Best 8

Levels of progress in Maths and English



Achievement - The New System

But Michael said you'd understand a P8 score of -0.15



Progress 8

Attainment 8

**English &
Maths
(A*-C)**

English
Baccalaureate

Attainment 8

What:

- Average attainment grade across 8 qualifying subjects (pupil)
- Average attainment grade across cohort

Why:

- Shows attainment outcome for pupil/school
- No relation to starting points/expected outcomes

Weightings

English	20%
Maths	20%
Ebacc 1	10%
Ebacc 2	10%
Ebacc 3	10%
Other 1	10%
Other 2	10%
Other 3	10%

100%

Qualification	Grade	2016 points	Included in measure?	'Bucket'	Doubled?	Total points
GCSE mathematics	A	7	✓	Maths (1)	✓	14
GCSE English language	B	6	✓	Other (3)	✗	6
GCSE English literature	A*	8	✓	English (1)	✓	16
GCSE core science	A	7	✓	EBacc (2)	✗	7
GCSE additional science	B	6	✓	EBacc (2)	✗	6
GCSE art	C	5	✓	Other (3)	✗	5
GCSE French	C	5	✓	Other (3)	✗	5
GCSE Spanish	B	6	✓	EBacc (2)	✗	6
GCSE religious studies	D	4	✗	n/a	✗	6

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GCSE additional science	B	6	✓	EBacc (2)	✗	6
GCSE art	C	5	✓	Other (3)	✗	5
GCSE French	C	5	✓	Other (3)	✗	5
GCSE Spanish	B	6	✓	EBacc (2)	✗	6
Total points:						65
Average grade:						6.5

Attainment 8 Points Score – Conversion to Grade

Average grade assigned	Attainment 8 point score for grade	Average point score per pupil (range)
A*	8	7.83+
A*–		7.50–7.82
A+		7.17–7.49
A		6.83–7.16
A–	7	6.50–6.82
B+		6.17–6.49
B		5.83–6.16
B–		5.50–5.82
C+	6	5.17–5.49
C		4.83–5.16
C–		4.50–4.82
D+		4.17–4.49
D	5	3.83–4.16
D–		3.50–3.82
E+		3.17–3.49
E		2.83–3.16
E–	4	2.50–2.82
F+		2.17–2.49
F		1.83–2.16
F–		1.50–1.82
G+	3	1.17–1.49
G		0.83–1.16
G–		0.50–0.82
U		<0.5

This student would have an Attainment 8 score of A–

Task

Using the information given to you calculate the attainment 8 score for this student.

Progress 8

What:

- Average progress made across 8 qualifying subjects (pupil)
- Average progress grade for school

Why:

- Related to starting points (KS2)
- 'Fairer' comparison measure

$$\text{Basic level} + \frac{\text{actual test mark} - \text{bottom of level threshold}}{\text{top of level threshold} - \text{bottom of level threshold} + 1}$$

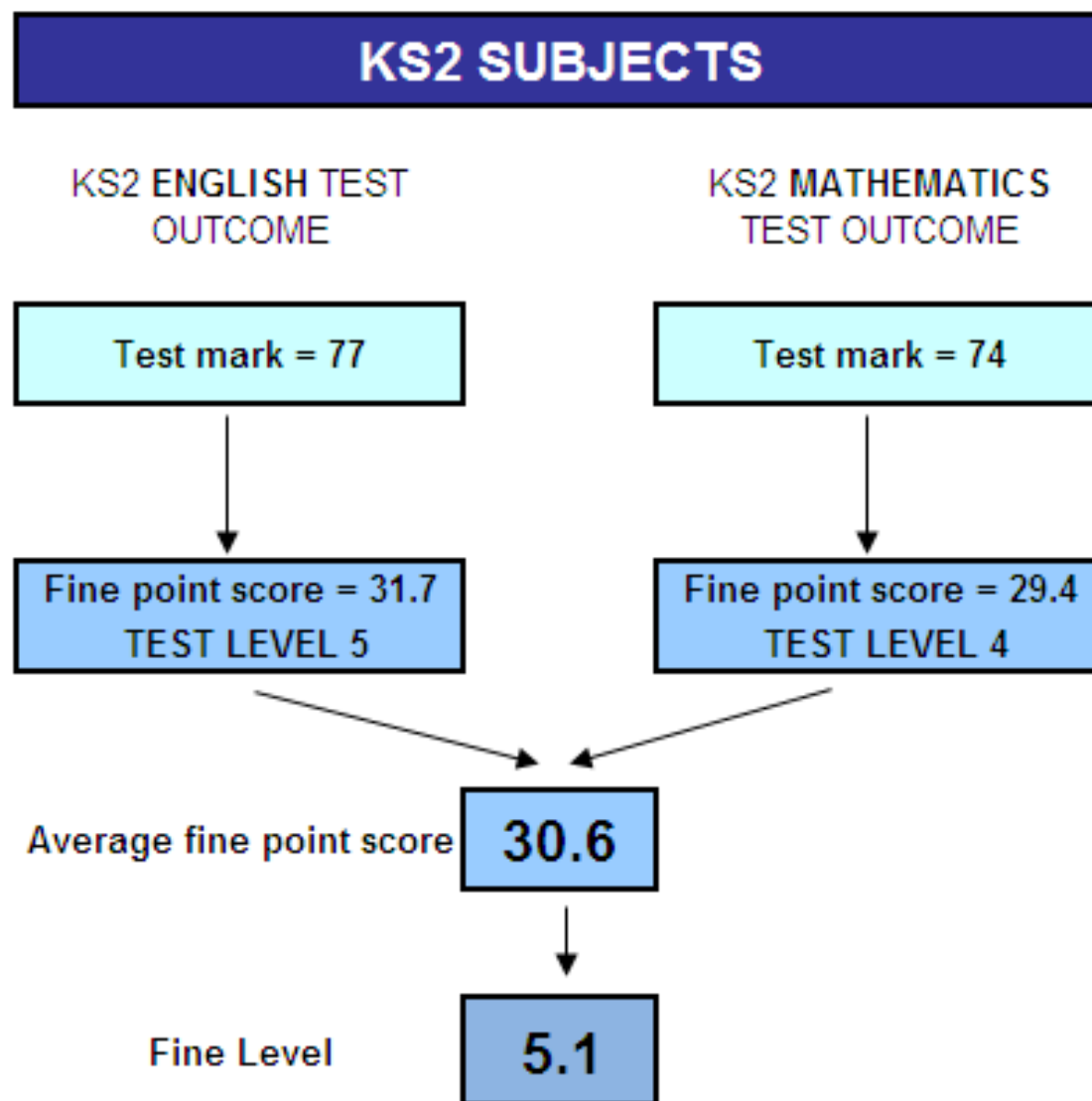
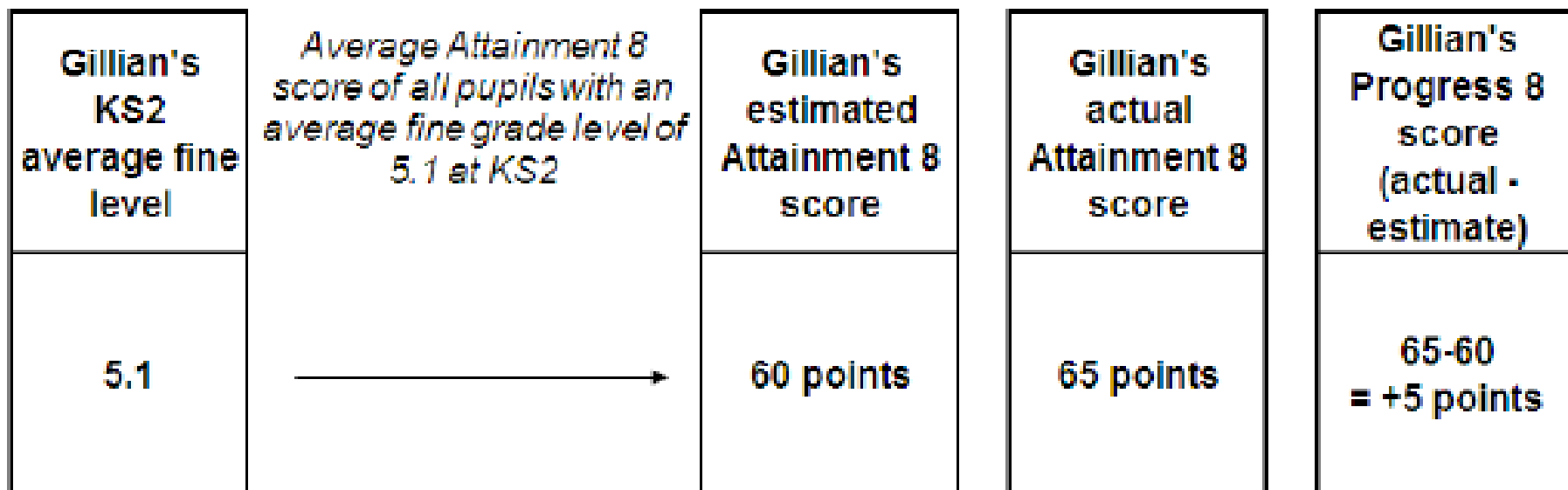



Table B.1 2014 Attainment 8 estimates for each KS2 fine level

KS2 average fine level (English & Maths)	2014 Attainment 8 estimate	KS2 average fine level (English & Maths)	2014 Attainment 8 estimate	KS2 average fine level (English & Maths)	2014 Attainment 8 estimate
1.5 ^a	14.94	3.7	31.75	4.9	55.11
2.0 ^b	18.06	3.8	33.02	5.0	57.33
2.5 ^c	19.13	3.9	34.71	5.1	59.72
2.8 ^d	20.88	4.0	36.55	5.2	62.02
2.9	21.78	4.1	38.48	5.3	64.46
3.0	23.12	4.2	40.42	5.4	66.97
3.1	23.38	4.3	42.26	5.5	69.72
3.2	24.98	4.4	44.41	5.6	72.49
3.3	26.04	4.5	46.37	5.7	74.71
3.4	26.98	4.6	48.52	5.8 ^e	76.32
3.5	28.39	4.7	50.67		
3.6	29.95	4.8	52.84		



Progress 8 score:	5
Average progress grade:	0.5



Progress 8 Scores

what do they tell us...

- **0 - National Average** - *students are making the expected progress from Key Stage 2 to 4.*
- **Below 0** - *students are making less than expected progress from Key Stage 2 to 4.*
- **Above 0** - *students are making more than expected progress from Key Stage 2 to 4.*

A score of +0.5 or above means you are adding at least half a grade to a grade in value to the 8 qualifications for each student on average. 1 is exceptional and makes you exempt from OFSTED.

English Baccalaureate

What:

- **Achievement of a defined set of 'academic' qualifications at A*-C**

Why:

- **An indication of % of pupils gaining this set of subjects**



Qualification
GCSE mathematics
GCSE English language AND Literature
GCSE Double Science / Core and Additional Science (or 3+ separates which may include Computer Science and pass 2 of them)
GCSE MFL (any approved GCSE course)
GCSE History OR Geography

Qualification

GCSE mathematics

GCSE English language AND Literature

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GCSE History OR Geography

Hopefully by the time we all fully understand this we won't have...

