

Year 11 GCSE Results 2016 - analysis of levels of progress made

INTRODUCTION:

These are the final results by subject at A+, B+ and C+:

		TOTAL	English	English Lit	Maths	Biology	Chemistry	Physics	Science Additional	Core Science	Art	Business Communication	Computing	Drama	Design Tech	French	Food Tech	Geography	German	History	Music	PE	RS
ALL	No.		112	112	112	28	28	28	66	84	35	30	17	27	14	58	34	27	46	69	16	46	89
	A+	%	20	21	12	71	46	61	3	1	29	0	18	30	36	14	29	26	13	14	19	7	27
	B+	%	54	48	42	93	96	93	42	39	66	17	35	56	57	26	50	59	39	43	50	39	57
	C+	%	79	76	74	100	100	100	89	83	83	50	53	81	79	62	82	78	72	65	75	76	78

These can be compared with the national results below:

NATIONAL	A+	%	14	21	16	41	42	42	9	6	23	16	21	22	18	23	18	24	22	26	30	18	29
	B+	%	33	49	33	71	70	70	29	24	47	37	40	48	37	42	37	44	45	47	55	40	60
	C+	%	60	75	62	90	90	91	59	53	75	61	60	73	60	69	60	66	74	66	74	68	71

We also have the means to show these same results for groups of pupils:

		TOTAL	English	English Lit	Maths	Biology	Chemistry	Physics	Science Additional	Core Science	Art	Business Communication	Computing	Drama	Design Tech	French	Food Tech	Geography	German	History	Music	PE	RS
MALE	No.		50	50	50	11	11	11	25	39	14	21	16	8	6	26	15	15	16	22	3	25	33
	A+	%	16	10	12	73	27	45	4	0	7	0	19	25	33	4	13	20	6	0	0	4	15
	B+	%	36	36	36	82	91	82	32	26	21	14	38	25	33	8	33	47	19	36	33	40	52
	C+	%	64	62	66	100	100	100	92	79	64	38	56	63	67	38	67	53	69	64	67	76	73
FEMALE	No.		62	62	62	17	17	17	41	45	21	9	1	19	8	32	19	12	30	47	13	21	56
	A+	%	23	31	11	71	59	71	2	2	43	0	0	32	38	22	42	33	17	21	23	10	34
	B+	%	68	58	47	100	100	100	49	51	95	22	0	68	75	41	63	75	50	47	54	38	61
	C+	%	90	87	81	100	100	100	88	87	95	78	0	89	88	81	95	100	73	66	77	76	80

But, more interestingly, we can also analyse In terms of Levels of Progress.

For this we use the pupils' KS2 results in English and Maths.

For English and Maths we use the subject results at KS2.

For other subjects we use the average of the pupils' results in English and Maths together.

In comparing KS2 with GCSE we use a system of measuring Levels of Progress by equating Level 3 at KS with GCSE Grade G, Level 4 with GCSE Grade F and Level 5 with GCSE Grade E. Although this is a rather artificial equivalence, it enables us to say, for example, that a pupil who starts on Level 3 makes 3 levels of progress if he/she reaches Grade D at GCSE and that the same applies from level 4 to Grade C and from Level 5 to Grade B. It is a blunt instrument! It is, however, the closest we can come to seeing how pupils of different abilities have progressed at GCSE in addition to saying what grades they gained.

For each subject we can identify the percentage of pupils who made 2, 3 or 4 levels of progress.

For the sake of national comparison, we would say that it is positive if 70% or more made 3 levels of progress and if 30% or more gained 4 levels.

It is considered very good if 85% gain 3 levels or of 45% gain 4 levels.

For all pupils the percentages in each subject were as follows (although please note that we did not have any KS2 data for a small number of pupils):

	No. of Levels	English	English Lit	Maths	Biology	Chemistry	Physics	Science Additional	Core Science	Art	Business Communication	Computing	Drama	Design Tech	French	Food Tech	Geography	German	History	Music	PE	RS
ALL	No.	104	104	103	26	26	26	62	76	30	27	16	26	14	56	33	23	43	66	15	42	85
	4+	41	40	25	85	88	88	45	47	67	15	31	58	79	25	58	52	37	36	33	40	59
	3+	79	77	74	100	100	100	92	89	90	63	56	88	93	63	88	83	84	71	73	79	78
	2+	98	91	91	100	100	100	100	100	100	89	75	96	100	95	97	100	91	80	80	98	92

We can also do the same analysis for each of five prior attainment groups:

LOW	KS2 Av Pts	< 24	less than 4
LOW MID	KS2 Av Pts	24-27	low 4
HIGH MID	KS2 Av Pts	27-30	high 4
HIGH	KS2 Av Pts	30-32	5
VERY HIGH	KS2 Av Pts	> 32	high 5

4+	> 45%	Excellent	3+	> 85%	Excellent
4+	> 30%	Good	3+	> 70%	Good
4+	<20%		3+	<50%	
4+	<5%		3+	<35%	

	No. of Levels	English	English Lit	Maths	Biology	Chemistry	Physics	Science Additional	Core Science	Art	Business Communication	Computing	Drama	Design Tech	French	Food Tech	Geography	German	History	Music	PE	RS
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LOW PA	No.	11	11	10	0	0	0	1	9	3	2	1	2	3	1	6	1	4	3	1	2	6
	4+	18	18	10				100	22	67	0	0	50	33	0	67	0	25	0	0	0	17
	3+	64	45	30				100	67	100	0	0	100	100	100	83	100	100	33	0	50	17
	2+	91	91	50				100	100	100	100	0	100	100	100	100	100	100	33	0	100	83
LMID PA	No.	24	24	24	0	0	0	21	24	7	10	5	9	3	11	6	4	10	17	0	11	20
	4+	29	42	13				43	50	57	10	0	33	67	0	17	25	20	18		45	50
	3+	67	71	67				90	92	86	50	20	100	67	45	83	25	70	59		73	65
	2+	100	88	96				100	100	100	90	60	100	100	91	100	100	90	76		91	80
HMID PA	No.	37	37	37	8	8	8	27	29	10	11	5	4	4	29	14	10	10	26	6	15	33
	4+	30	35	35	88	88	88	48	59	80	9	20	100	100	31	71	50	30	38	50	33	64
	3+	81	78	86	100	100	100	93	97	90	82	60	100	100	62	93	80	90	69	83	80	88
	2+	97	89	95	100	100	100	100	100	100	91	80	100	100	97	93	100	100	81	83	100	94
HIGH PA	No.	21	21	21	9	9	9	11	12	6	3	4	9	3	11	4	4	12	14	3	10	15
	4+	67	57	14	89	89	89	45	42	50	33	75	67	100	27	50	100	42	50	33	60	67
	3+	86	86	71	100	100	100	91	83	83	67	100	67	100	73	75	100	75	93	67	80	93
	2+	100	95	95	100	100	100	100	100	100	67	100	89	100	100	100	100	75	93	67	100	100
VHIGH PA	No.	10	10	10	9	9	9	1	1	4	1	1	2	1	4	2	4	7	5	5	4	10
	4+	80	50	60	78	89	89	0	0	75	100	100	50	100	50	100	50	71	80	20	25	80
	3+	100	100	100	100	100	100	100	100	100	100	100	100	100	75	100	100	100	100	80	100	90
	2+	100	100	100	100	100	100	100	100	100	100	100	100	100	75	100	100	100	100	100	100	100

We can also do the same for other groups:

	No. of Levels	English	English Lit	Maths	Biology	Chemistry	Physics	Science Additional	Core Science	Art	Business Communication	Computing	Drama	Design Tech	French	Food Tech	Geography	German	History	Music	PE	RS
MALE	No.	44	44	44	9	9	9	23	34	11	18	15	8	6	24	14	12	14	20	3	22	30
	4+	32	34	20	78	78	78	43	44	36	11	33	25	67	8	50	42	29	35	33	45	50
	3+	70	64	64	100	100	100	96	85	82	44	60	75	83	42	79	58	86	75	67	82	70
	2+	95	84	84	100	100	100	100	100	100	83	80	88	100	88	93	100	86	80	67	100	83
FEMALE	No.	60	60	59	17	17	17	39	42	19	9	1	18	8	32	19	11	29	46	12	20	55
	4+	48	45	29	88	94	94	46	50	84	22	0	72	88	38	63	64	41	37	33	35	64
	3+	85	87	81	100	100	100	90	93	95	100	0	94	100	78	95	100	83	70	75	75	82
	2+	100	97	97	100	100	100	100	100	100	100	0	100	100	100	100	100	93	80	83	95	96
BLACK AFRICAN	No.	28	28	28	3	3	3	23	25	8	10	2	7	0	14	10	0	15	24	2	13	22
	4+	18	32	29	100	100	100	48	56	50	10	0	71		29	50		27	33	0	23	59
	3+	71	86	75	100	100	100	87	88	88	60	0	100		71	90		67	67	100	85	86
	2+	100	96	93	100	100	100	100	100	100	90	50	100		100	90		80	79	100	100	100
BLACK CARIBBEAN	No.	14	14	15	1	1	1	11	13	3	6	0	3	2	10	9	4	2	7	2	4	12
	4+	36	29	27	100	100	100	36	38	0	17		67	100	0	67	25	0	14	0	25	50
	3+	64	64	67	100	100	100	100	85	100	83		67	100	50	100	50	50	57	0	75	75
	2+	100	86	87	100	100	100	100	100	100	100		67	100	100	100	100	50	71	50	100	92
WHITE BRITISH	No.	41	41	39	16	16	16	17	23	13	6	8	10	6	20	6	16	16	23	10	16	33
	4+	59	54	28	81	81	88	47	39	85	17	13	50	83	40	67	50	38	52	50	63	67
	3+	88	78	79	100	100	100	100	96	85	67	63	100	83	65	83	81	94	83	90	88	82
	2+	100	93	90	100	100	100	100	100	100	100	88	100	100	90	100	100	100	87	90	100	91
OTHER ETH	No.	21	21	21	6	6	6	11	15	6	5	6	6	6	12	8	3	10	12	1	9	18
	4+	43	33	14	83	100	83	45	53	83	20	67	50	67	17	50	100	60	25	0	33	50
	3+	81	71	67	100	100	100	82	87	100	40	67	67	100	58	75	100	100	67	0	56	61
	2+	90	86	95	100	100	100	100	100	100	60	67	100	100	92	100	100	100	75	0	89	83

The following table shows the analysis for SEN, DISADVANTAGED, MOBILE, ENGLISH as an ADDITIONAL LANGUAGE and GIFTED and TALENTED pupils:

	No. of Levels	English	English Lit	Maths	Biology	Chemistry	Physics	Science Additional	Core Science	Art	Business Communication	Computing	Drama	Design Tech	French	Food Tech	Geography	German	History	Music	PE	RS
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SEN	No.	12	12	11	0	0	0	4	10	4	3	3	1	2	4	4	1	0	5	1	3	4
	4+	25	33	0				25	30	25	0	0	0	50	0	0	0		20	0	33	0
	3+	67	50	27				100	60	75	33	33	100	100	25	50	0		60	0	33	50
	2+	92	83	55				100	100	100	67	67	100	100	100	75	100		80	0	100	100
DISADVANTAGED	No.	19	19	20	1	1	1	11	18	8	3	2	6	3	9	9	0	8	12	3	8	15
	4+	37	21	0	100	100	100	18	39	75	0	0	33	33	22	22		25	17	0	13	33
	3+	68	58	30	100	100	100	82	72	88	33	50	50	100	67	78		63	42	33	25	47
	2+	89	84	75	100	100	100	100	100	100	33	50	83	100	89	100		88	75	33	88	80
MOBILE	No.	2	2	2	0	0	0	2	2	0	1	0	0	0	1	1	0	0	2	1	0	2
	4+	50	0	0				0	0		0				0	0			0	0		0
	3+	100	50	50				100	100		100				0	100			0	0		50
	2+	100	50	100				100	100		100				100	100			0	0		100
EAL	No.	11	11	11	0	0	0	10	11	5	1	2	4	2	4	2	0	7	10	0	3	8
	4+	36	45	9				40	45	80	0	0	50	50	25	50		29	30		33	50
	3+	82	64	73				90	82	100	0	0	100	100	75	100		71	70		67	88
	2+	91	100	91				100	100	100	100	50	100	100	100	100		71	80		100	100
GIFTED & TALENTED	No.	13	13	13	9	9	9	4	4	5	3	5	2	1	6	2	5	8	6	4	5	11
	4+	77	54	46	78	78	100	25	25	60	67	40	50	100	33	100	60	88	83	0	40	73
	3+	100	100	92	100	100	100	75	100	80	100	80	100	100	50	100	100	100	83	75	100	82
	2+	100	100	100	100	100	100	100	100	100	100	80	100	100	83	100	100	100	83	100	100	100