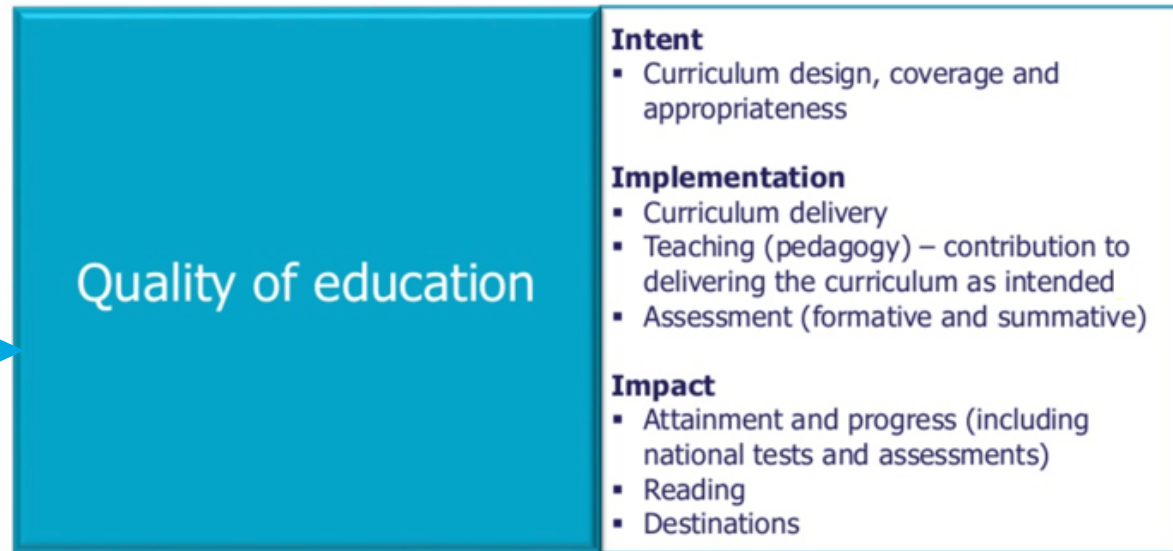


Curriculum

Evaluating and benchmarking
your KS4 curriculum



Curriculum is at the heart of QE



Ofsted's 'deep dives' will focus on four to six subject areas



School leaders

- Use FFT Aspire to evaluate and benchmark your curriculum and subjects
- Strengths?
- Areas for improvement?
- Delivery (curriculum offer) and impact (outcomes for pupils)

Pre-inspection

Introductory conversation with school leaders
Context
Curriculum

Deep dive

Senior leaders
Curriculum intent. Understanding of implementation and impact.

Curriculum leaders
Long- and medium-term thinking and planning. Rationale for content choices and sequencing.

Lesson visits
Evaluate where a lesson sits in a sequence, and leaders'/teachers' understanding of this.

Work scrutinies
of pupils in observed classes. Where possible, jointly with teachers/leaders.

Teachers
Understand how the curriculum informs their choices about content and sequencing.

Pupils
From observed lessons. How well do they build schema and recall learning.

Subject (curriculum) leaders:

- Use FFT Aspire to evaluate impact (pupil attainment and progress) for your subject(s)
- Strengths?
- Areas for improvement?
- Evaluation of impact should inform long/medium term thinking and planning

Connecting evidence to reach a judgement
Forming a view of quality of education

Bringing it together

Inspecting the Curriculum, Ofsted, May 2019

<https://bit.ly/2WrOBvE>

Subject and curriculum: impact overview



Key stage 4: all subjects
(GCSE and equivalent)

Key stage 5:
A-levels

Subjects
KS4 subject performance 2016-2018

Subject	Pupils	Actual results		Pupil progress		High-to-low chart
		Avg Point Score	% A*-C	Avg Point Score	% A*-C	
English and media						
English GCSE	34	5.1	28%	0%	-0.16	-2%
English Language GCSE	421	5.2	80%	0%	-0.02	-2%
English Literature GCSE	387	5.2	81%	0%	-0.10	-1%
Mathematics GCSE	498	5.0	74%	0%	-0.01	-3%
Base Subjects						
Biology GCSE	294	4.2	96%	49%	+0.03	+5%
Chemistry GCSE	294	4.1	96%	46%	-0.05	-2%
Com. Stud/Comp uting GCSE	189	5.0	71%	0%	+0.07	+6%
French GCSE	144	5.1	75%	0%	-0.12	-1%
Geography GCSE	347	5.2	74%	0%	+0.27	+3%
German GCSE	84	5.0	84%	0%	+0.02	-1%
History GCSE	244	4.4	70%	0%	-0.10	-2%
Muslim Deak GCSE	1	7.0	100%	100%	-	-
Physics GCSE	292	4.5	96%	0%	+0.34	+1%
PE/MS GCSE	2	6.3	100%	0%	-1.00	-2%
Russian GCSE	1	7.0	100%	100%	+0.36	+3%
Science Double Award GCSE	124	4.1	81%	0%	-0.09	-2%
Science SA GCSE	274	3.6	53%	0%	-0.10	-2%
Spanish GCSE	275	3.4	51%	0%	-0.41	-4%
Other High Value Subjects						
Additional Math FM Non-GCSE	44	5.5	80%	48%	+0.84	+9%
Applied Info Tech Non-GCSE	31	4.8	84%	23%	-0.81	-2%
Art & Design GCSE	164	4.8	67%	0%	-0.31	-2%
Business Studies Single GCSE	85	3.1	40%	0%	-1.00	-1%
Catering Studies Non-GCSE	34	4.8	73%	23%	+0.21	+5%
Citizenship GCSE	287	4.7	74%	0%	-0.40	-2%
Course & Bull Em Non-GCSE	13	1.3	0%	0%	-1.38	-2%
D&T Food Technology GCSE	17	3.7	43%	0%	-0.12	-2%
D&T Textiles Technology GCSE	13	4.4	67%	27%	-0.79	-1%
Home Economics GCSE	85	3.6	51%	12%	-0.18	-7%
Media/Film/TV Studies Non-GCSE	140	4.3	69%	14%	+0.20	+2%
Music GCSE	44	5.3	77%	36%	-0.03	-2%
Physical Education/Sport Studies GCSE	159	5.2	82%	25%	+0.18	+1%
Physical Education/Sport Studies Non-GCSE	95	4.8	82%	22%	+0.28	+4%
Religious Studies GCSE	183	5.4	82%	38%	+0.16	+5%

Do your senior leaders, subject leaders and teachers have access to these reports?

FFT Aspire analyses attainment and subject-value added pupil progress using national data

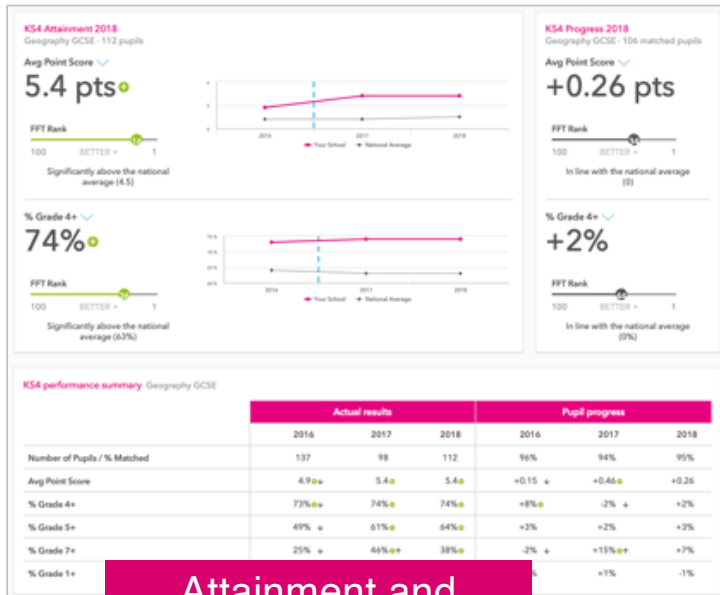
1 year and 3 year performance (for smaller subjects)

Identify strengths and areas for improvement

Subjects
KS5 subject performance 2016-2018

Subject	Pupils	Actual results		Pupil progress		High-to-low chart
		Average Point Score	% A*-C	Average Point Score	% A*-C	
A Level Subjects						
Art & Design	9	39	87%	-1.6	+0%	
Art&Des : Fine Art	14	46	100%	+1.8	+7%	
Biology	79	35	75%	-1.6	-4%	
Bus. Stud:Single	27	29	74%	-1.2	+6%	
Chemistry	68	37	82%	-0.6	+2%	
Chinese	1	50	100%	-1.6	+0%	
Com.Stud/Comp uting	25	30	60%	-0.2	-3%	
D&T Product Design	18	28	50%	-1.8	-13%	
Drama & Theat Stud	4	25	50%	-5.4	-21%	
Economics	27	34	81%	-0.8	+3%	
English Language	26	29	65%	-3.9	-16%	
English Literature	58	38	84%	+0.2	-3%	
Film Studies	12	36	83%	+0.1	-2%	
French	14	33	64%	-3.7	-12%	
General Studies	75	32	68%	+2.0	+5%	
Geography	67	36	85%	-0.7	+1%	
German	9	37	54%	-6.1	-19%	
HE: Food	1	30	100%	+2.5	+60%	
Health & Soc Care	6	27	50%	-3.2	-19%	
History	42	38	89%	+2.3	+5%	
Mathematics	108	39	80%	-1.4	-3%	
Maths (Further)	20	50	92%	+2.3	-2%	
Physics	66	37	79%	+1.5	+6%	
Psychology	126	42	90%	+7.5	+14%	
Religious Studies	42	41	90%	+1.5	+2%	
Russian	1	60	100%	+17.7	+8%	
Sociology	19	41	89%	+6.5	+10%	
Spanish	7	37	100%	-5.1	+10%	
Sport/P.E. Studies	25	30	60%	-1.1	-6%	

Subject dashboard: GCSE Geography



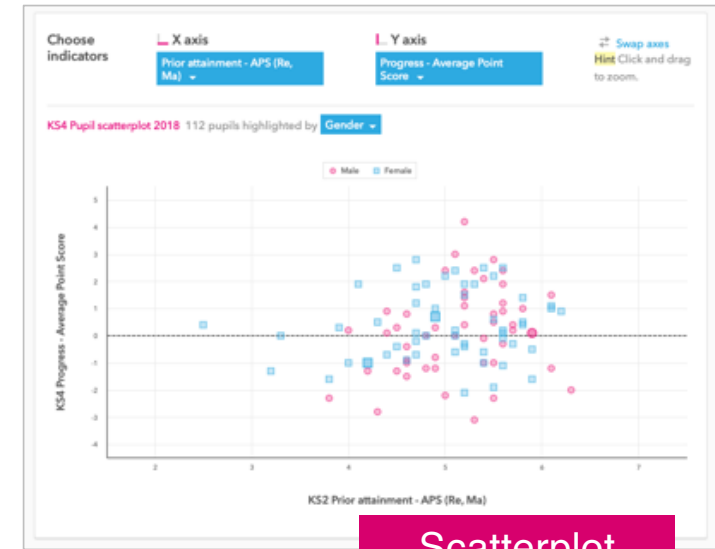
Attainment and progress

Dashboard for subject leaders

KS4: one for every subject

KS5: for each A-level subject

Analysis and evaluation can be used to support subject self-evaluation and improvement plans



Scatterplot



Pupil groups



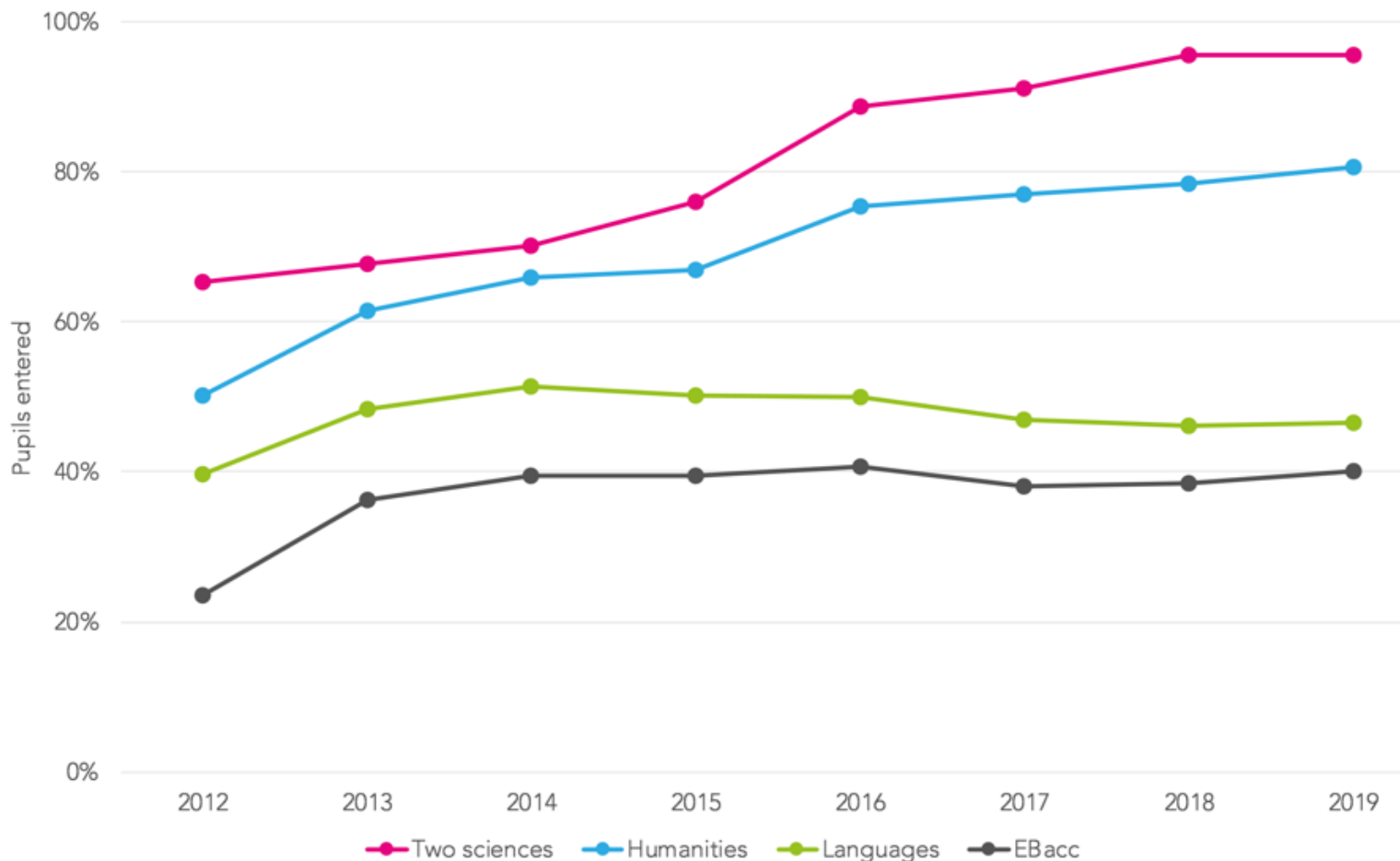
Curriculum

KS4 subject entry patterns continue to change with new GCSEs and school accountability measures

Ebac subject entries: 2012 to 2019



Pupils entered for the EBacc and for selected EBacc components, 2012-2019
Pupils in state-funded schools



Most students studying science

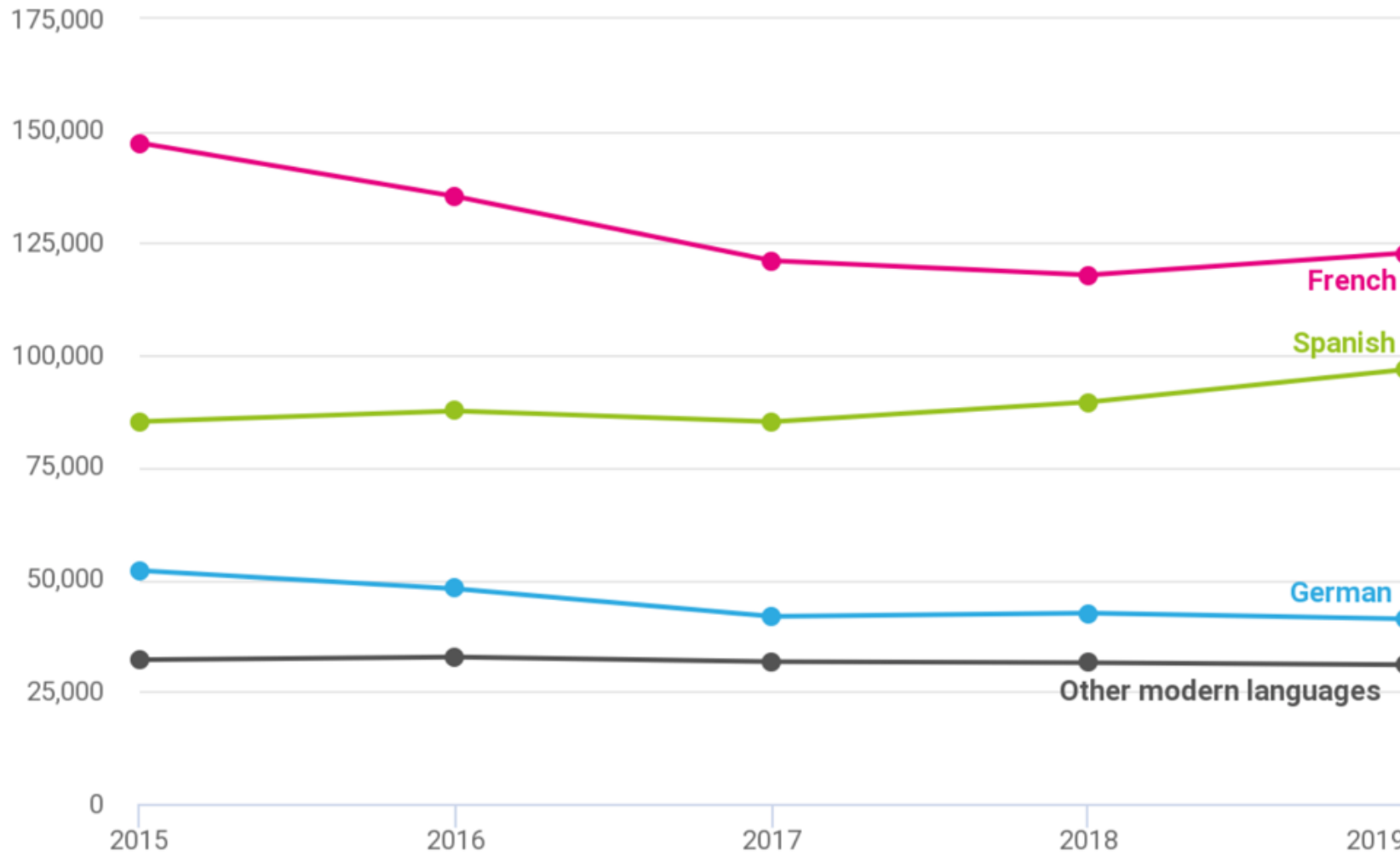
Humanities: huge increase from 50% (2012) to 80%+ (2019)

Language still the main barrier, below 50% and declining/static

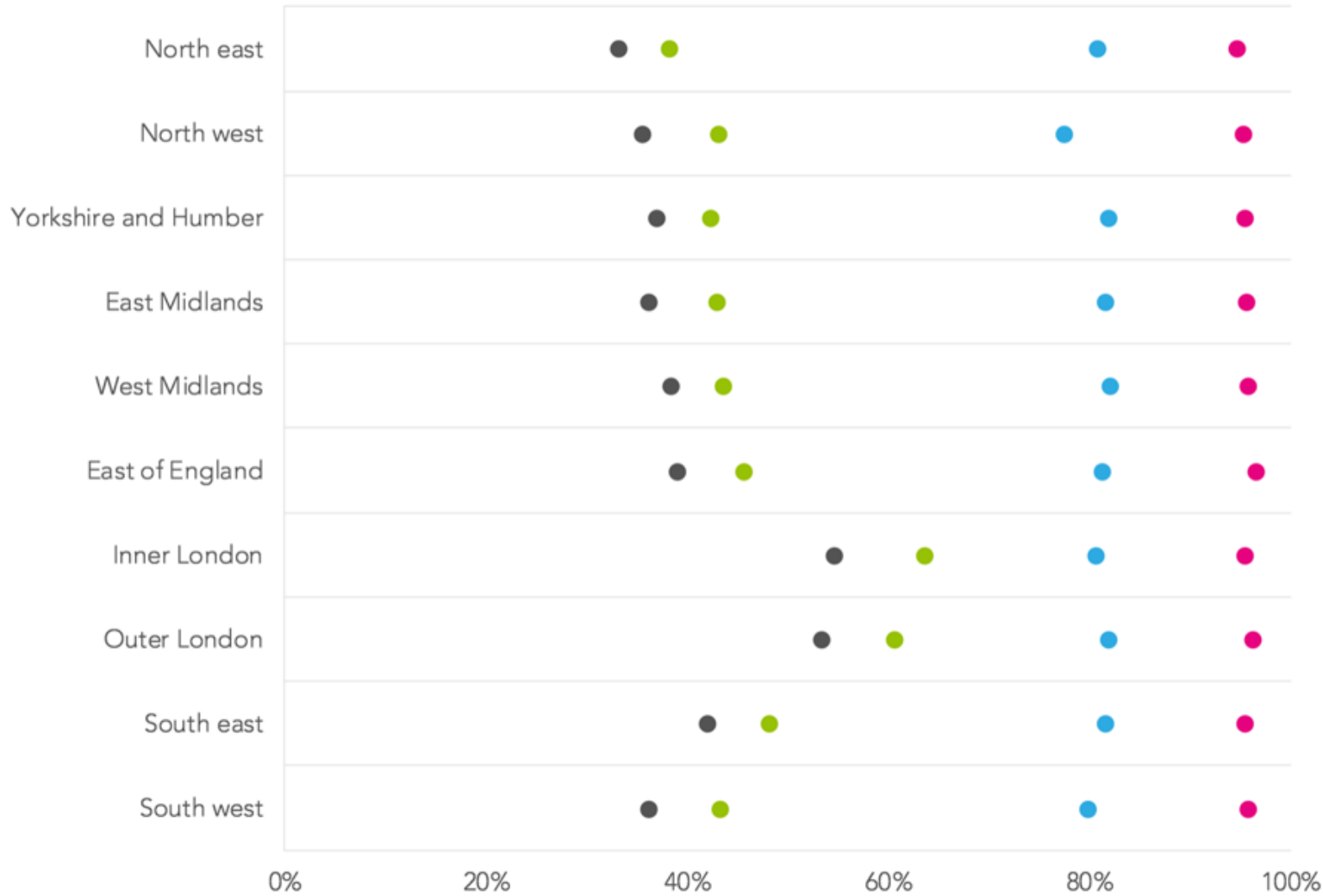
DFE target: 75% students to be studying Ebacc by 2022



MFL GCSE entries: 2015 to 2019



Ebac entries by region



Languages:

- Higher in London (60%+)
- Other regions: around 40%
- Lowest in North East

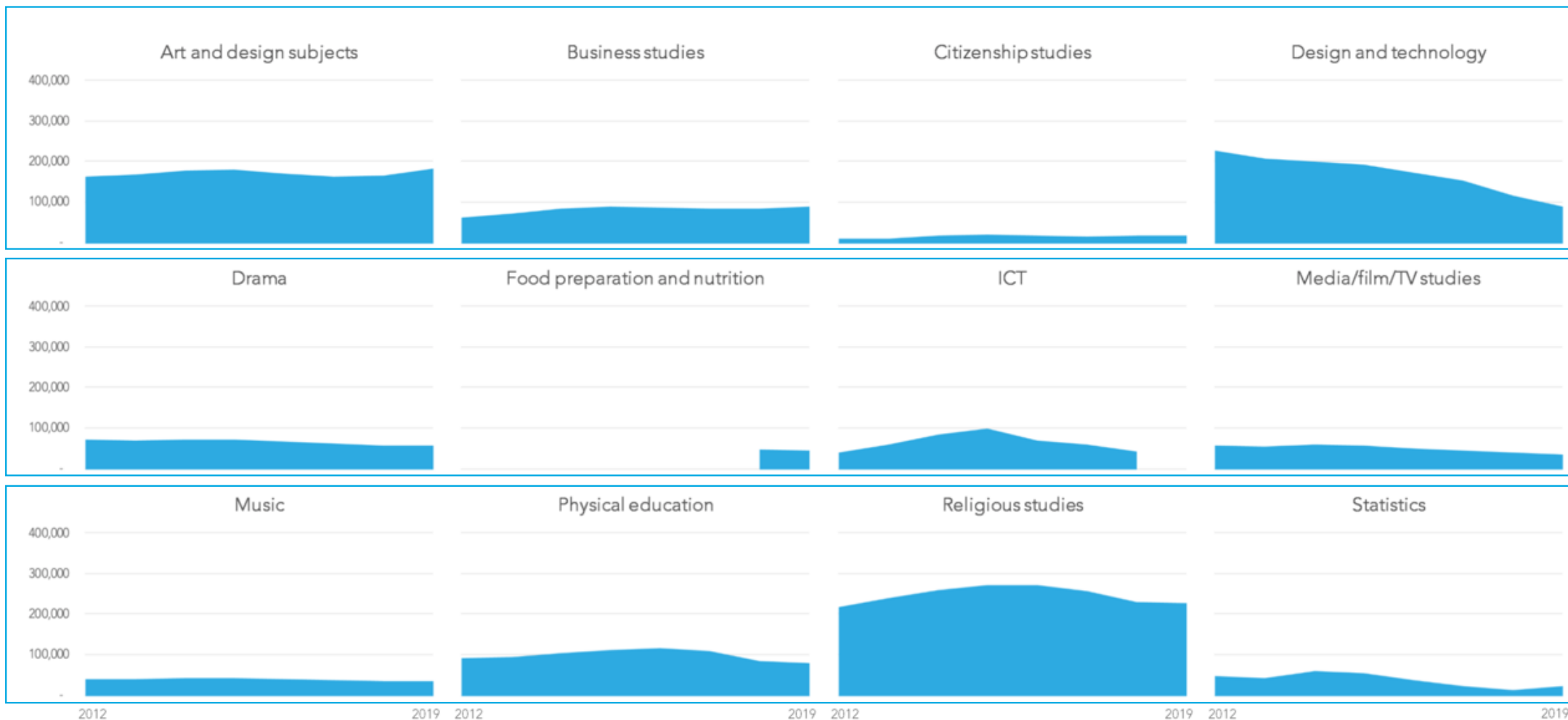
• Two sciences
• Humanities
• Languages
• EBacc

Humanities: slightly lower in North West

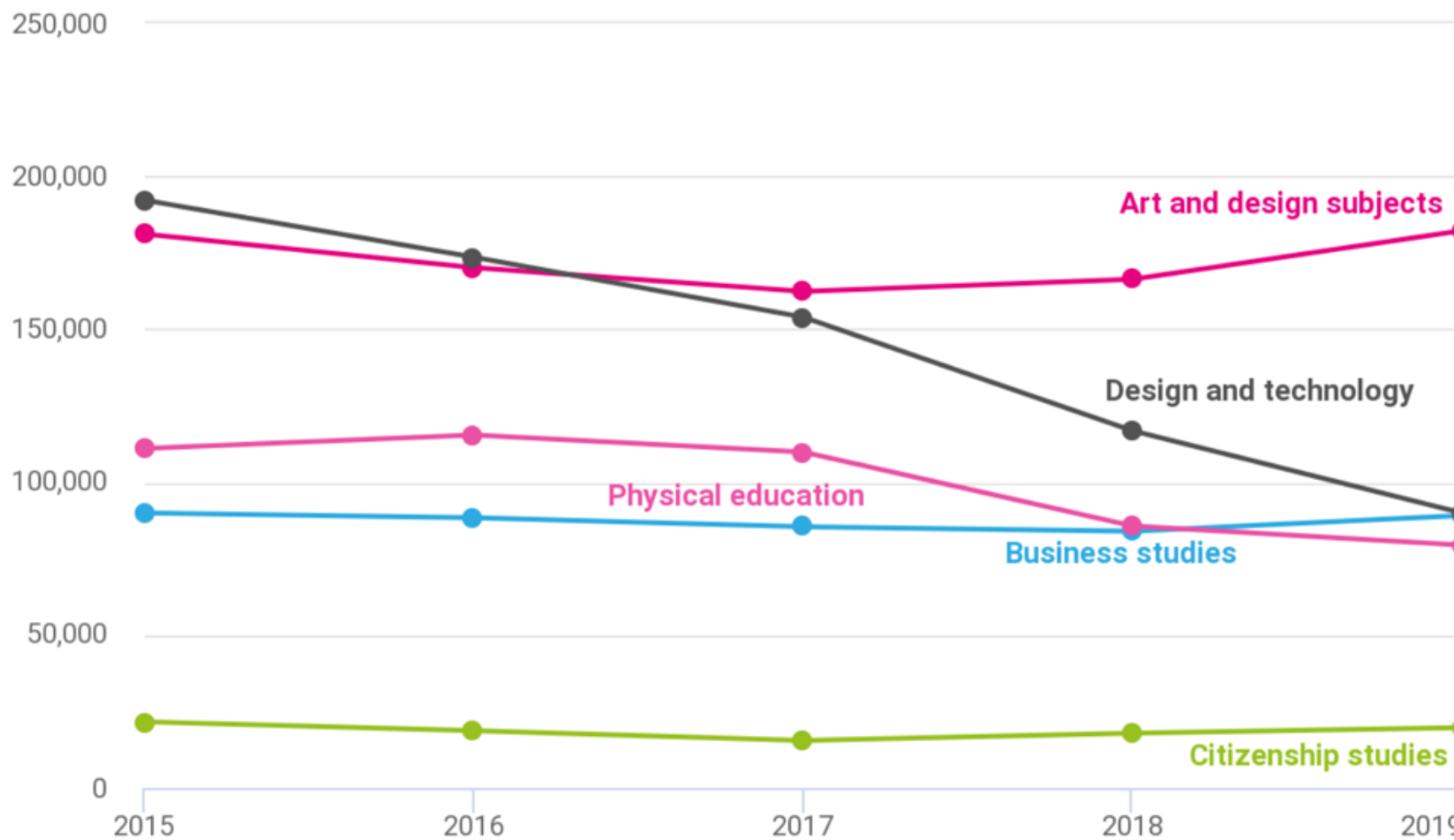
London: only region that could reach 75% target by 2022



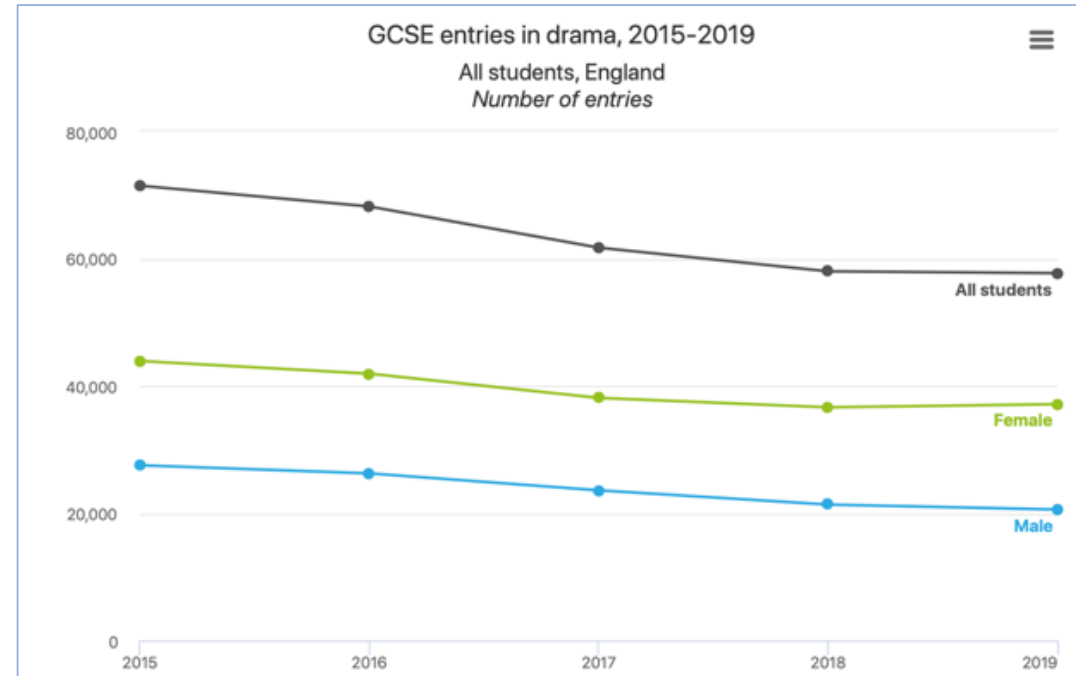
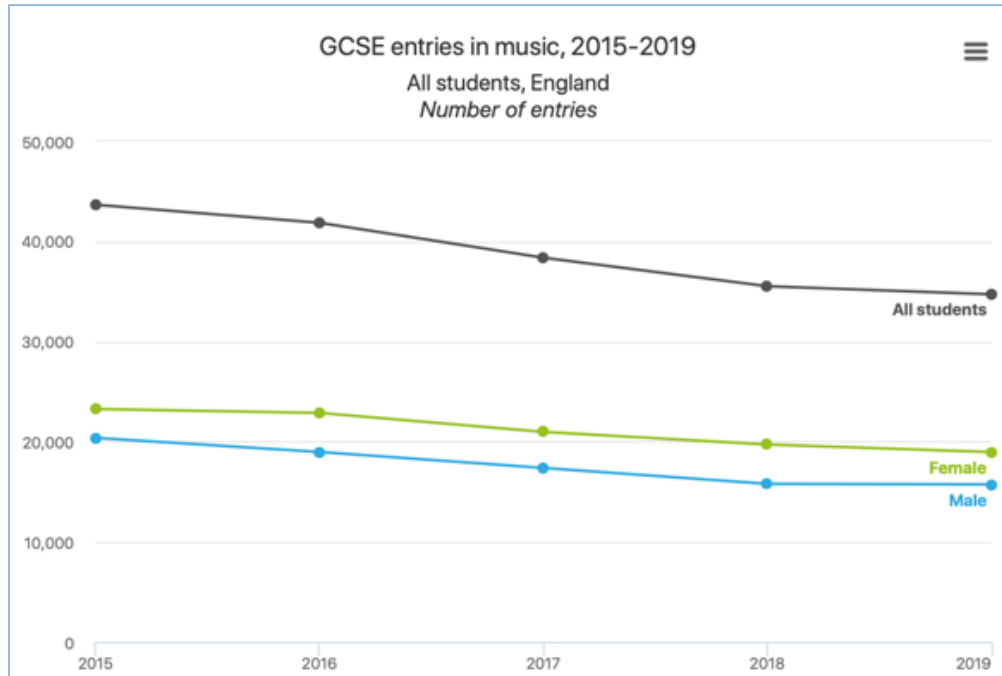
What about non-Ebacac subjects?



Selected non-Ebac subjects 2015 to 2019



Creative arts subjects: Music and Drama



GCSE Music

44,000 entries (2015) to 35,000 entries (2019)

GCSE Drama

71,000 entries (2015) to 58,000 entries (2019)



Results day analysis

GCSE

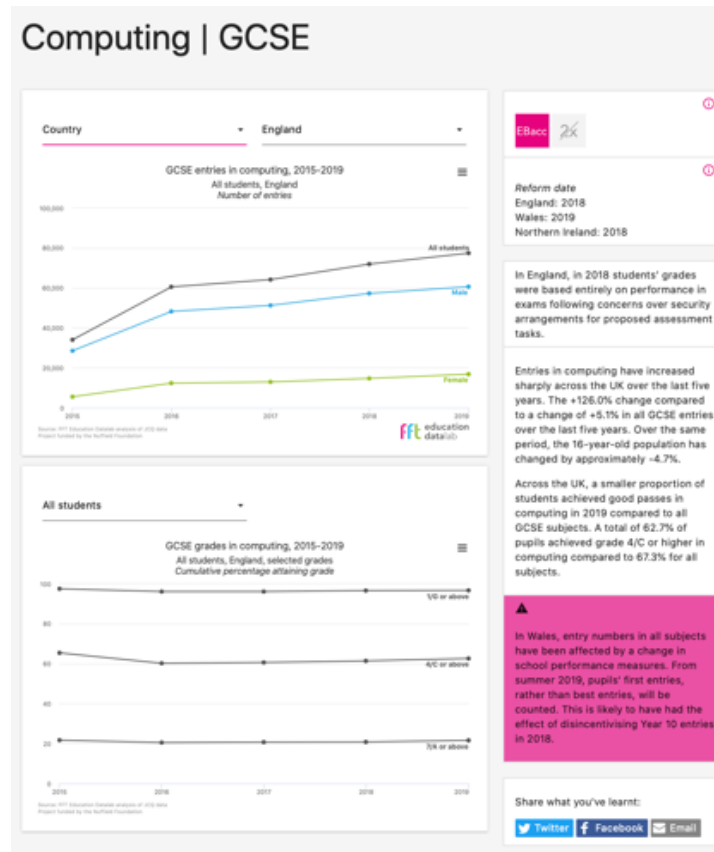
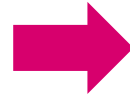
Explore trends in entries and attainment in:

- All subjects
- Additional mathematics
- Additional science
- Art and design subjects
- Biology
- Business and communication systems

A-Level

Explore trends in entries and attainment in:

- All subjects
- Art and design subjects
- Biology
- Business studies
- Chemistry
- Classical subjects



FFT has worked with the Nuffield Foundation and JCQ to create and maintain the Results Day Analysis website

Choose a GCSE or A-level subject

Look at national data with entries and outcomes using official JCQ data (from exam boards)

Available at 9.30am on results day

Are some subjects more difficult than others?

Which are the most difficult subjects at GCSE?

Answer? Law and astronomy, although there are very few entries each year. The much bigger issue is that GCSEs in modern foreign languages are graded more severely than other subjects. Just before Christmas, Ofqual published a set of very interesting working papers about inter-subject comparability and subject difficulty in GCSEs and A levels. The conclusion [...]

By Dave Thomson | 23rd February 2016 | Exams and assessment



Are IGCSEs easier than GCSEs?

Looking into claims that GCSE reforms have favoured pupils in independent schools.

By Dave Thomson | 4th January 2019 | Exams and assessment [Read more >](#)

Will anything ever be done about grading in modern foreign languages GCSEs?

French, German and Spanish all look to have been harshly graded for many years

By Dave Thomson | 10th September 2019 | Exams and assessment [Read more >](#)

Are some qualifications scored too generously?

And others scored too severely

By Dave Thomson | 3rd September 2019 | Exams and assessment

Solutions to problems with Progress 8, part one: qualification scoring

How would P8 scores change if qualifications attracted different point scores?

By Dave Thomson | 16th October 2019 | School accountability [Read more >](#)



French and German GCSE in 2020 to get 'easier grading'



Branwen Jeffreys
Education Editor
@branwenjeffreys

5 November 2019 50

f [social icons] Share



GETTY IMAGES

French and German GCSE exams will be marked less severely from 2020 in England, after a review of grading.

It could mean a boost of between a quarter and a half of a grade for some pupils.

The exams regulator, Ofqual, said the change would bring grading of these two languages into line with GCSE Spanish.

The head-teachers union ASCL said it was delighted but more would be needed to reverse the decline in language learning.

Bonus marks for French and German GCSE pupils

Rosemary Bennett, Education Editor

November 6 2019, 12:01am, The Times

- Education France
- Germany Europe
- Universities



The number of pupils taking French and German has fallen, with Spanish now the language of choice for many ALAMY

Share [social icons] Save [star icon]

More pupils could be in line for top grades in French and German GCSEs after the exam regulator declared marking of the subjects "too severe".

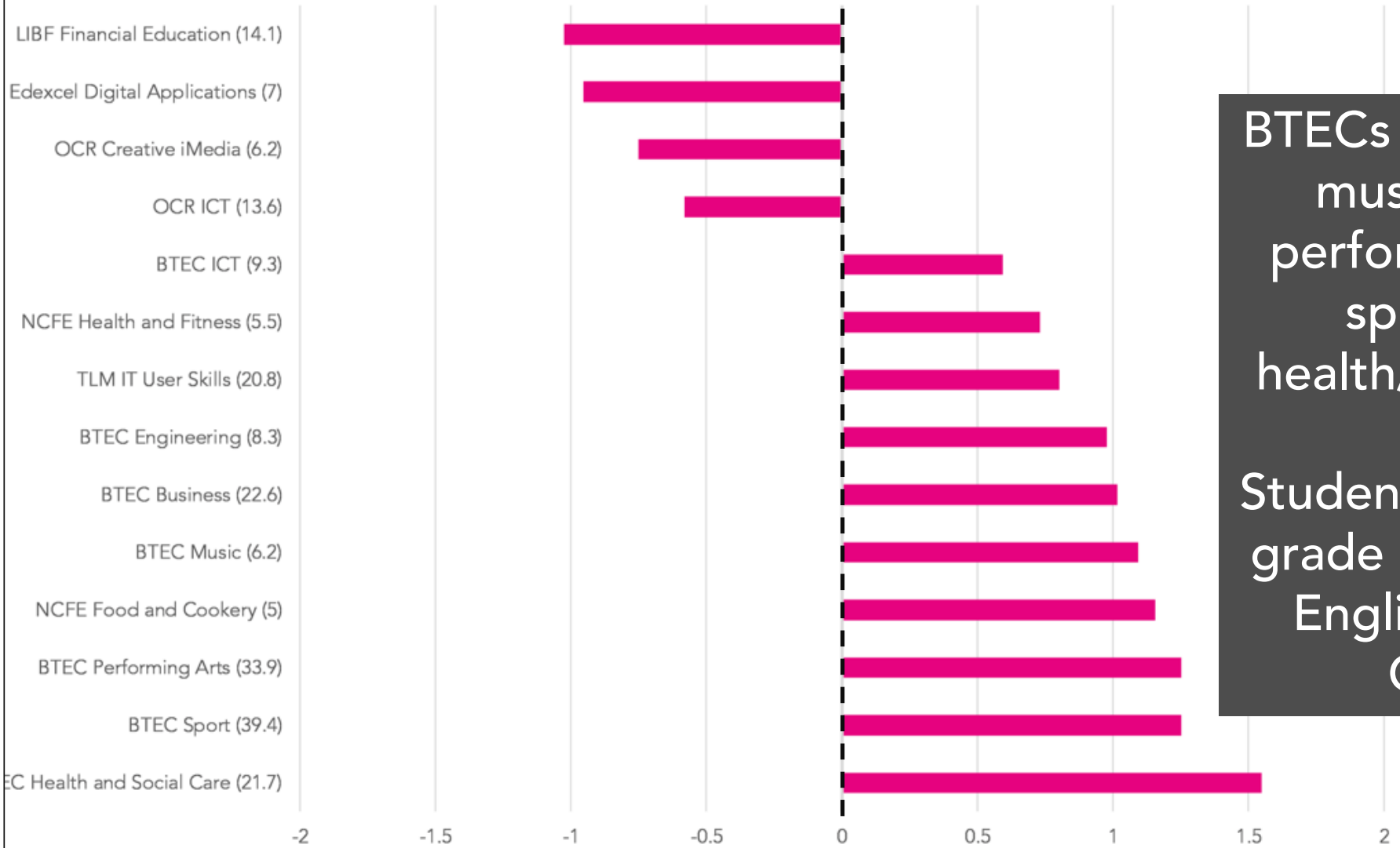
The number of children taking the two subjects has been in freefall for years, with Spanish now the language of choice in many classrooms.



As well as being quicker to learn, figures show it is marginally easier to get a top grade in Spanish. Last summer, 23.7 per cent of GCSE French entries in England were graded at a 7, 8 or 9, the old A and A*, as were 24.2 per cent of German entries. In Spanish, 26 per cent received a 7 or above.



Difference in points scored in technical awards compared to GCSE English and maths
State-funded schools in England, 2018 (number of entrants in thousands in brackets)

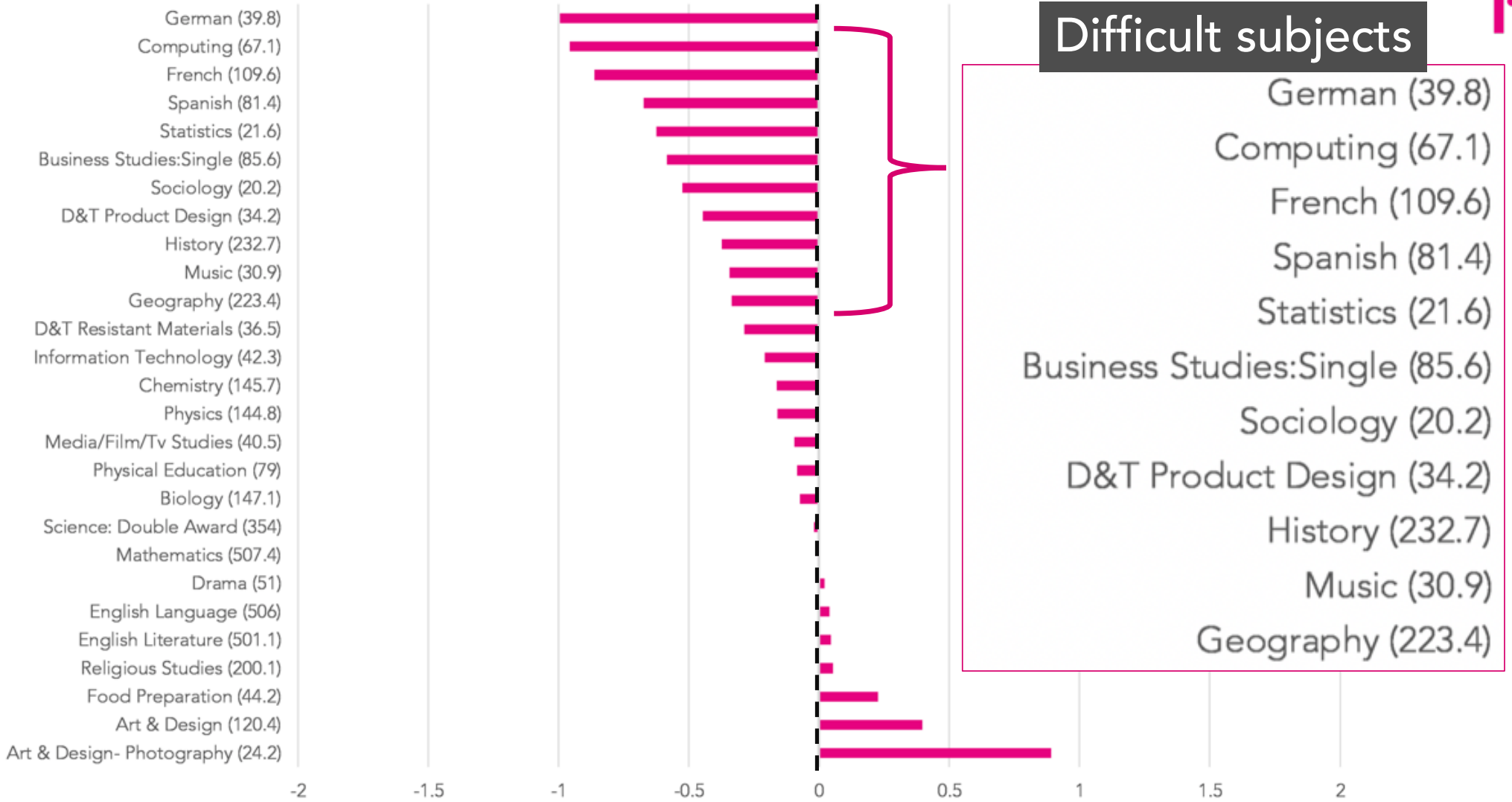


BTECs in business, music, food, performing arts, sport and health/social care

Students achieve 1 grade higher than English/Maths GCSE



Difference in points scored in GCSEs compared to English and maths
 State-funded schools in England, 2018 (number of entrants in thousands in brackets)



Difficult subjects

- German (39.8)
- Computing (67.1)
- French (109.6)
- Spanish (81.4)
- Statistics (21.6)
- Business Studies:Single (85.6)
- Sociology (20.2)
- D&T Product Design (34.2)
- History (232.7)
- Music (30.9)
- Geography (223.4)



Could we deal with the variation in subject difficulty?

1. Ofqual/awarding bodies could change grade boundaries
2. Point score (attainment 8) could be adjusted for each subject

Qualification-neutral A8: Points awarded for grade 4 in GCSE by subject



BTEC Sport

Grade	A8 points	Rescaled points
D*	8.5	6.6
D	7	5.23
M	5.5	3.99
P	4	2.81

Activity:

FFT's new curriculum report

Three KS4 curriculum reports in FFT Aspire



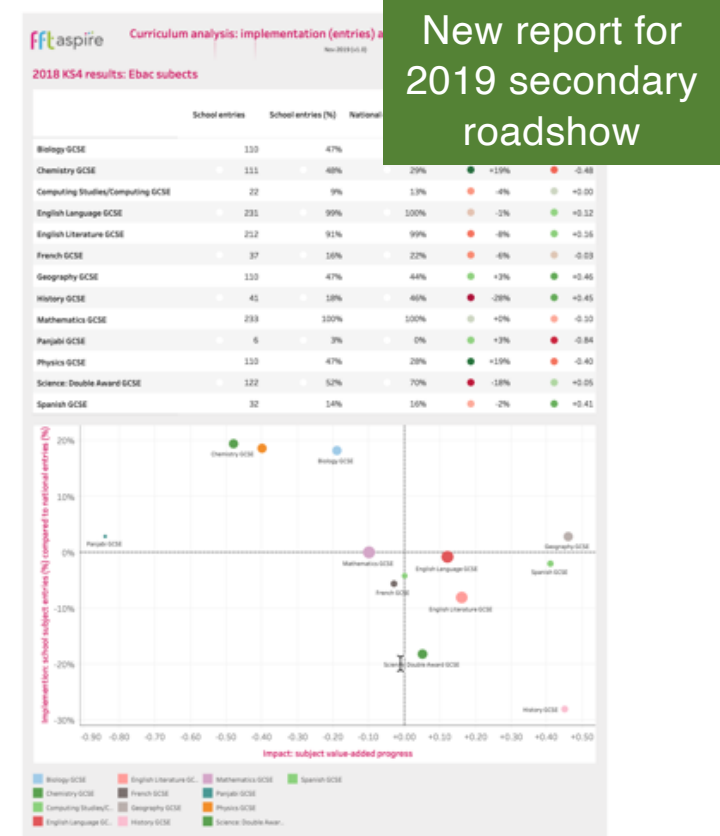
FFT Aspire subject reports

Special report: entries

Special report: entries & value-added

Subjects
KS4 subject performance 2016-2018

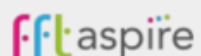
Subjects	Pupils	Actual results			Pupil progress			High-to-low chart
		Avg Point Score	% Grade 4+	% Grade 5+	Avg Point Score	% Grade 4+	% Grade 5+	
English and media								
English GCSE	84	3.1	38%	0%	-0.15	-4%	-1%	
English Language GCSE	801	5.2	80%	38%	-0.02	-2%	+2%	
English Literature GCSE	587	5.2	81%	27%	-0.10	-1%	-1%	
Media Studies GCSE	498	5.0	74%	30%	-0.01	-2%	+1%	
Science								
Biology GCSE	294	6.2	94%	49%	+0.03	+6%	+1%	
Chemistry GCSE	294	6.1	94%	44%	-0.06	-2%	-3%	
Computing GCSE	189	5.0	71%	31%	+0.07	+6%	+9%	
French GCSE	144	5.1	75%	32%	-0.12	-1%	-6%	
Geography GCSE	367	5.2	76%	35%	+0.27	+7%	+1%	
German GCSE	86	5.0	84%	31%	+0.02	-1%	-7%	
History GCSE	244	4.9	70%	28%	-0.16	+6%	-3%	
Modern Greek GCSE	1	1.0	100%	100%	-	-	-	
Physics GCSE	292	6.5	96%	55%	+0.26	+7%	+9%	
Public GCSE	2	6.5	100%	100%	-1.00	-2%	-2%	
Russian GCSE	1	7.0	100%	100%	+0.36	+1%	+14%	
Science Double Award GCSE	124	4.1	61%	4%	-0.09	-2%	-2%	
Science IA GCSE	274	3.4	55%	2%	-0.10	-2%	-3%	
Science Additional GCSE	275	3.4	51%	3%	-0.41	-6%	-4%	
Spanish GCSE	146	5.2	78%	32%	+0.08	-7%	+1%	
Additional Math	44	5.5	80%	48%	+0.04	+6%	+9%	
Applied Info Tech Non-GCSE	31	4.8	84%	23%	-0.01	+2%	-21%	
Art & Design GCSE	144	4.8	67%	27%	-0.01	+10%	-3%	
Business Studies Single GCSE	85	3.1	40%	5%	-1.00	+1%	-1%	
Catering Studies Non-GCSE	74	4.8	73%	33%	+0.21	+6%	+3%	
Citizenship GCSE	207	4.7	74%	14%	-0.40	-2%	-9%	
Course & Bulk Enr Non-GCSE	13	1.3	8%	0%	-1.38	0%	-2%	
D&T Food Technology GCSE	13	3.7	47%	4%	-0.12	-2%	-2%	
D&T Textiles Technology GCSE	15	4.4	67%	27%	-0.79	+1%	-1%	
D&T Resistant Materials GCSE	103	4.4	61%	19%	+0.10	+6%	+1%	
Home Economics GCSE	65	3.6	51%	12%	-0.18	-7%	+3%	
Home Economics Child Development GCSE	140	4.5	69%	14%	+0.20	+2%	+1%	
Media/IT/Te Tech Non-GCSE	140	4.5	69%	14%	+0.20	+2%	+1%	
Music GCSE	44	5.3	77%	34%	-0.03	-2%	+0%	
Physical Education/Sp Sport Non-GCSE	159	5.2	82%	35%	+0.18	+7%	+1%	
Physical Education/Sp Sport Non-GCSE	65	4.8	82%	32%	+0.28	+7%	+4%	
Religious Studies GCSE	183	3.4	62%	38%	+0.16	+6%	+1%	



New report for 2019 secondary roadshow

All three reports currently available in FFT Aspire with 2018 data and will be updated with 2019 data in November

New curriculum report for 2019 roadshow



Curriculum analysis: implementation (entries) and impact (subject value-added)

Nov 2019 (v1.0)

2018 KS4 results: Ebac subjects

	School entries	School entries (%)	National entries (%)	Implementation: school entries (%) compared to national	Impact: subject value-added progress
Biology GCSE	110	47%	29%	● +18%	● -0.19
Chemistry GCSE	111	48%	29%	● +19%	● -0.48
Computing Studies/Computing GCSE	22	9%	13%	● -4%	● +0.00
English Language GCSE	231	99%	100%	● -1%	● +0.12
English Literature GCSE	212	91%	99%	● -8%	● +0.16
French GCSE	37	16%	22%	● -6%	● -0.03
Geography GCSE	110	47%	44%	● +3%	● +0.46
History GCSE	41	18%	46%	● -28%	● +0.45
Mathematics GCSE	233	100%	100%	● +0%	● -0.10
Panjabi GCSE	6	3%	0%	● +3%	● -0.84
Physics GCSE	110	47%	28%	● +19%	● -0.40
Science: Double Award GCSE	122	52%	70%	● -18%	● +0.05
Spanish GCSE	32	14%	16%	● -2%	● +0.41

Ebac subjects

Subject entries for school and national

Difference between school and national (% entries)

School value-added pupil progress

New curriculum report for 2019 roadshow



Ebac subjects

Scatterplot

Entries: difference between school and national (implementation)

School value-added pupil progress (impact)

New curriculum report for 2019 roadshow



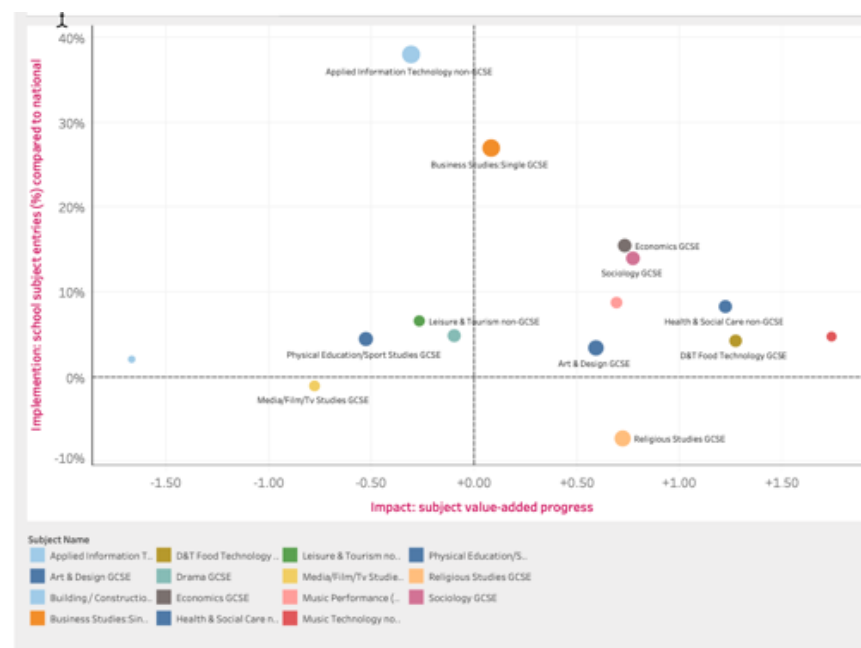
Non-Ebac subjects

Same report analysing entries and value-added

fflaspire Curriculum analysis: implementation (entries) and impact (subject value-added)
Nov 2019 (v1.0)

2018 KS4 results: non-Ebac subjects

	School entries	School entries (%)	National entries (%)	Implementation: school entries (%) compared to national	Impact: subject value-added progress
Applied Information Technology non-GCSE	104	45%	7%	+38%	-0.31
Art & Design GCSE	64	27%	24%	+3%	+0.59
Building / Construction Operations (General...)	6	3%	1%	+2%	-1.67
Business Studies:Single GCSE	98	42%	15%	+27%	+0.08
D&T Food Technology GCSE	30	13%	9%	+4%	+1.27
Drama GCSE	35	15%	10%	+5%	-0.10
Economics GCSE	40	17%	1%	+16%	+0.73
Health & Social Care non-GCSE	35	15%	7%	+8%	+1.22
Leisure & Tourism non-GCSE	19	8%	1%	+7%	-0.27
Media/Film/Tv Studies GCSE	17	7%	8%	-1%	-0.78
Music Performance (Group) non-GCSE	22	9%	0%	+9%	+0.69
Music Technology non-GCSE	12	5%	0%	+5%	+1.74
Physical Education/Sport Studies GCSE	47	20%	15%	+5%	-0.53
Religious Studies GCSE	75	32%	39%	-7%	+0.72
Sociology GCSE	42	18%	4%	+14%	+0.77



Activity

1. Login to FFT Aspire
2. Download the curriculum report from special reports (↓)
3. Consider the five questions below

How do your entries and value-added progress compare to national?

Are there subjects with higher or lower or subject entries?

Are there subjects with higher or lower value-added progress?

Based on the analysis in this report, what are your curriculum strengths or areas for development?

Are there any follow-on questions or actions?



fftaspire target setting self-evaluation student explorer collaborate

FFT School Dashboards **FFT special reports**

FFT special reports

Insights into your school from different research-based perspectives

All reports

Download	Report	Description	Further reading	Release date
↓ KS4	Within-School Variation Report	This report compares three-year average VA and CVA scores for each subject to pupils' VA and CVA scores in their other subjects.	How much difference does within-school variation make?	09 July 2019
↓ KS4	Feeder Schools 2018	The 2018 feeder schools report allows you to explore the progress scores of your pupils by the school at which they completed Key Stage 2.	Difficult questions about some schools' Key Stage 2 results	13 June 2019
↓ KS4	KS4 2019 Early Results Analysis Report	FFT KS4 2019 Early Attainment 8/Progress 8 Results analysis. Download guidance for the 2019 KS4 Early Results Service.	Has attainment improved at KS4 in 2019?	09 June 2019

Attendance

Analysing your pupils' attendance

