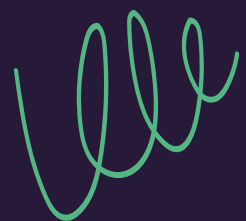# Case study

Sisra Analytics at Q3 Academy Langley

Case study
Q3 Academy Langley

Strategic Data-Driven Success at Q3 Academy Langley

Introduction

Q3 Academy Langley, nestled in the heart of England's West Midlands, stands as a beacon of educational transformation. Serving the community in Sandwell, an area facing significant socio-economic challenges, the academy has consistently demonstrated that with the right tools and strategic focus, academic success is within reach for every student.

Challenging Demographics and the Sisra Analytics Solution

Headteacher Peter, a seasoned educator, recalls the school's success with Sisra Analytics over the past few years. The tool's introduction marked a turning point for the school, particularly during a year fraught with the hurdles of constructing a new institution and grappling with complex student demographics.

Sisra Analytics emerged as the "go-to platform," offering a user-friendly interface that allowed for a meticulous evaluation of student performance. It empowered teachers to identify underperforming groups early, like boys who were lagging, and to implement targeted interventions to support their progress.

Sisra Analytics

Secondary

Progress 8 score ❓
The academic progress that pupils make from the end of key stage 2 to the end of key stage 4. This is based on 8 qualifications.

The banding for this school or college is 'well above average' because the score is greater than or equal to 0.5, and the entire confidence interval is above 0.
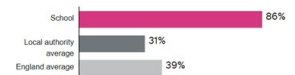
Banding	WELL ABOVE AVERAGE
Score	0.82
Confidence interval	0.64 to 1

▶ More information about this score
▶ Local authority and England scores
▶ How many state-funded mainstream schools are in each banding?

Entering EBacc ❓
A pupil is considered to have entered for the English Baccalaureate if they entered for qualifications in English, maths, sciences, a language and either history or geography.

- School: 86%
- Local authority average: 31%
- England average: 39%

Staying in education or entering employment ❓
This shows the number of pupils who either stayed in education or went into employment after finishing key stage 4 (after year 11, usually aged 16).
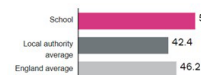
- School: 97%
- Local authority average: 92%
- England average: 94%

Grade 5 or above in English & maths GCSEs ❓
This tells you the percentage of pupils who achieved grade 5 or above in English and maths GCSEs.

- School: 60%
- Local authority average: 35%
- England average: 45%

Attainment 8 ❓
Schools get a score based on how well pupils have performed in up to 8 qualifications.

- School: 55
- Local authority average: 42.4
- England average: 46.2

EBacc average point score ❓
The EBacc average points score calculates a pupil's average point scores across the 5 pillars of the English Baccalaureate.

- School: 5.17
- Local authority average: 3.56
- England average: 4.05

"It became our go-to kind of platform to use," Peter says. *"It was able to foster the culture… Look, all this hard work, all this effort. Look, we're all pulling together. We are delivering fantastic results."*

Figure 1 - from the school's DfE profile shows the school is 'Well above average' for Progress 8 Score

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A Turnaround Story

In the wake of these efforts, Q3 Academy Langley recorded its best-ever progress figures, pivoting from historical struggles to a narrative of triumph. Sisra Analytics was instrumental in providing real-time data that bolstered a culture of success celebrated across the school community.

The Power of the SPI

The Subject Progress Index (SPI), a standout feature of Sisra Analytics, provided a clear indicator of performance relative to national benchmarks. For Q3 Academy Langley, this meant accurate subject value-added measures that were both fair and relevant.

Enduring Impact and Future Plans

The success story of Q3 Academy Langley is one of resilience and innovation. With Sisra Analytics, the academy has not only navigated its challenges but has set a precedent for continuous improvement, maintaining an impressive Progress 8 Score that outshines the national average.

Conclusion

As Q3 Academy Langley looks to the future, it does so with the confidence that Sisra Analytics will continue to be the compass guiding its journey toward educational excellence. For other schools seeking a similar path, Q3 Academy Langley's story stands as a testament to the power of data analytics in crafting a culture of success amidst diversity and adversity.

Disadvantaged pupils —

Disadvantaged pupils are those who were eligible for free school meals at any time during the last 6 years and children looked after (in the care of the local authority for a day or more or who have been adopted from care).

You can compare the pupils' results with the performance of non-disadvantaged pupils at state-funded schools at local authority and national level.

	School dis. pupils	Local authority (non-dis. pupils)	England (non-dis. pupils)
No. of pupils	74	2725	447564
P8 score & CI	0.71 (0.39 to 1.04)	0.12	0.17
A8 score	50.4	46.4	50.2
English & maths at grade 5+	46%	42%	52%
English & maths at grade 4+	72%	64%	73%
EBacc at grade 5+	31%	11%	20%
EBacc at grade 4+	47%	19%	28%
Entering EBacc	80%	35%	43%
EBacc Average Point Score (APS)	4.65	3.94	4.43
In education or employed for 2 terms after KS4 (2021 school leavers)	97%	95%	96%
Exam entries per pupil, all KS4 quals	7.9	7.9	8.2
Exam entries per pupil GCSEs	6.6	6.8	7.6

"We're able to celebrate our P8 figures… It's just really the glue that binds that together," Peter reflects. *"We're here at the moment. We want to make improvements… and Sisra Analytics again is able to give us that confident judgment if we're heading in the right direction."*

Figure 2 - from the school's DfE Profile page illustrates how disadvantaged pupils at Q3 Academy Langley perform better than disadvantaged pupils in the same LEA and nationally

[Click Here To Learn More](#)

With its eyes set firmly on the horizon, Q3 Academy Langley remains committed to leveraging the insights from Sisra Analytics to ensure every student reaches their full potential.

Juniper

Need help?
Talk to a data expert.

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