

An Essential Guide to Primary Assessment

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This webinar will cover:

- The main sources of school data
- What's assessed, when, and how schools submit results
- The legacy of the pandemic
- Key performance measures including progress, now and future
- Assessment bias
- How the DfE and Ofsted categorise school performance

Key sources of data:

- **Analyse School Performance (ASP)***: DfE system that replaced RAISEonline
- **Inspection Data Summary Report (IDSR)***: Ofsted's main source of school performance data
- **Explore Education Statistics (EES)**: online DfE database of results, attendance and demographics (not school level data)
- **Compare School Performance (performance tables)**: public website providing summary of school results (KS2, 4 and 5 only)
- **FFT**: Independent organisation producing targets and dashboards for schools
- **Perspective**: Early results provided by LA
- **School tracking system**: internal data for all year groups

* *Access via DfE Sign-in account*

Assessments and key performance measures

- **Reception Baseline (RBa):** taken at start of reception (results withheld)
- **EYFSP** (end reception): teacher assessment in 17 early learning goals (ELGs). Achieving 12 main ELGs = good level of development (GLD). **Key measure: % GLD**
- **Phonics (Y1):** 32/40 = expected standard (EXS). **Key measure: % EXS**
- **KS1 (now optional):** teacher assessment (EM, PKS, WTS, EXS, GDS) in reading, writing and maths informed by tests (scores not collected by DfE/LA). **Key measures: % EXS and % GDS**
- **Multiplication Tables Check (MTC):** Taken end Y4. **Key Measure: %25/25**
- **KS2:** Tests in reading, maths and GPS. 100 = EXS, 110 = high score. Writing and science are teacher assessed (NB: TA for all subjects if pupil is below test standard). **Key measures: %EXS and High Score/GDS, progress scores in reading, writing and maths, average scores in reading and maths.**

Assessment timetable

- **RBA:** first half term of reception year
- **EYFSP:** assessments made between April and June of reception year
- **Phonics:** assessment administered during week beginning 9th June 2025 (pupils that miss the standard will retake in June of year 2)
- **KS1:** recommended that **optional** tests are taken during May of year 2
- **MTC:** administered within the 2-week period from 2nd June 2025
- **KS2:** tests administered during week beginning 12th May 2025






Submitting and downloading results

- **RBA:** Answers entered on to Baseline electronic Portal (BeP). Results not made available to schools. Administered via device from Sept 2025.
- **EYFSP:** Results submitted to DfE via LA. Results no longer in ASP/IDSR.
- **Phonics:** Scores submitted to DfE via LA. School results in ASP in autumn.
- **KS1:** Results no longer collected by DfE/LA and not in ASP.
- **MTC:** Answers entered on to MTC Service via DfE Sign-in. Results available for download from end of June and in ASP in autumn.
- **KS2:** Teacher assessments in writing and science (and all subjects for pupils below test standard) uploaded to Primary Assessment Gateway (PAG). Test results downloaded from PAG in early July and in ASP in autumn. Published in public performance tables in December.

Mind the gap: which cohorts are missing data

KS2 Year	2030/31	2029/30	2028/29	2027/28	2026/27	2025/26	2024/25	2023/24	2022/23	2021/22	2020/21	2019/20	2018/19	2017/18
Current Year	YR	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13
Reception Baseline	Green	Green	Green	Green	Red *	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
EYFSP	Yellow	Green	Green	Green	Red *	Red *	Green	Green	Green	Green	Green	Green	Green	Green
Phonics	Yellow	Yellow	Green	Green	Green	Green *	Green *	Green	Green	Green	Green	Green	Green	Green
KS1	Blue	Blue	Blue	Blue	Green	Green	Red	Red	Green	Green	Green	Green	Green	Green
MTC	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Red *	Grey	Grey	Grey	Grey	Grey
KS2	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Red	Red	Green	Green

Key

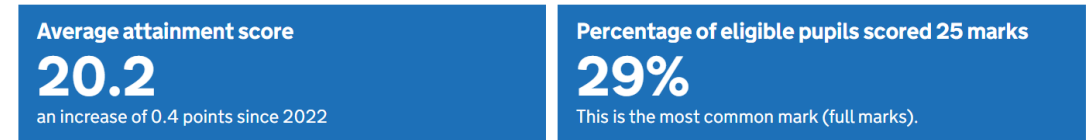
	Cohort have taken assessment (* phonics autumn Y2)
	Cohort will take assessment
	Assessment becomes non-statutory
	Cohort did not take assessment due to covid (*rollout delayed)
	Not applicable to cohort

National results of statutory assessments

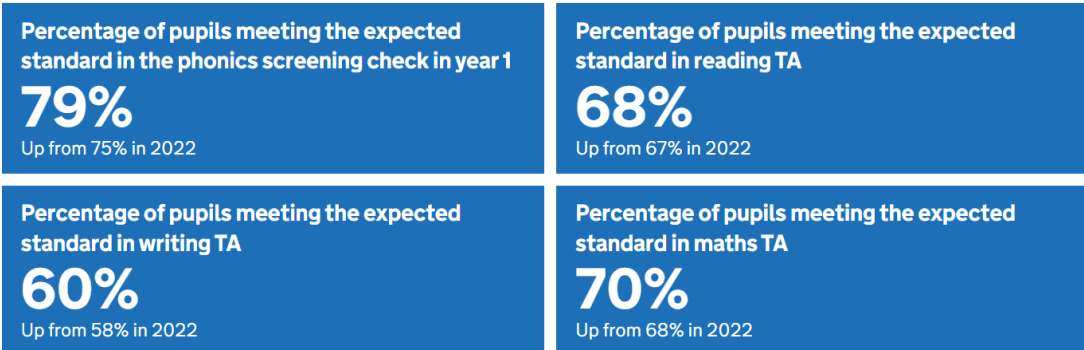
Early Years Foundation Stage Profile (EYFSP)



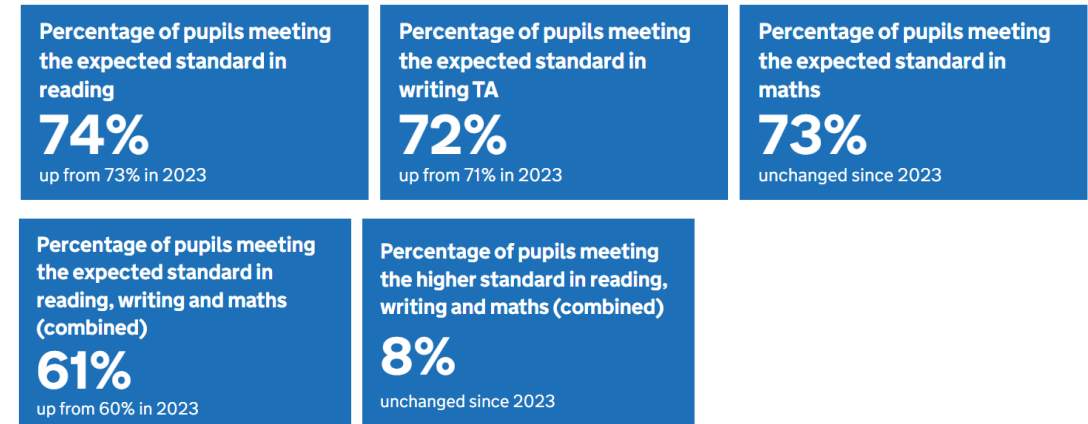
Multiplication Tables Check (MTC)



Phonics (PSC) and Key Stage 1 (KS1)



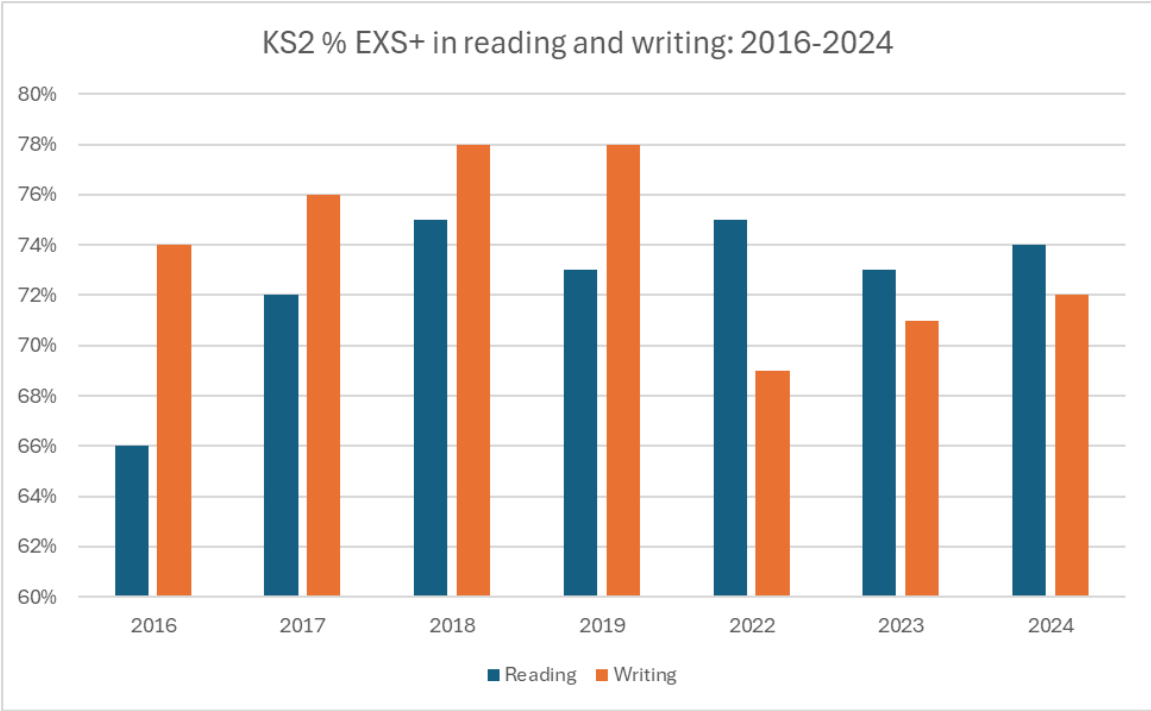
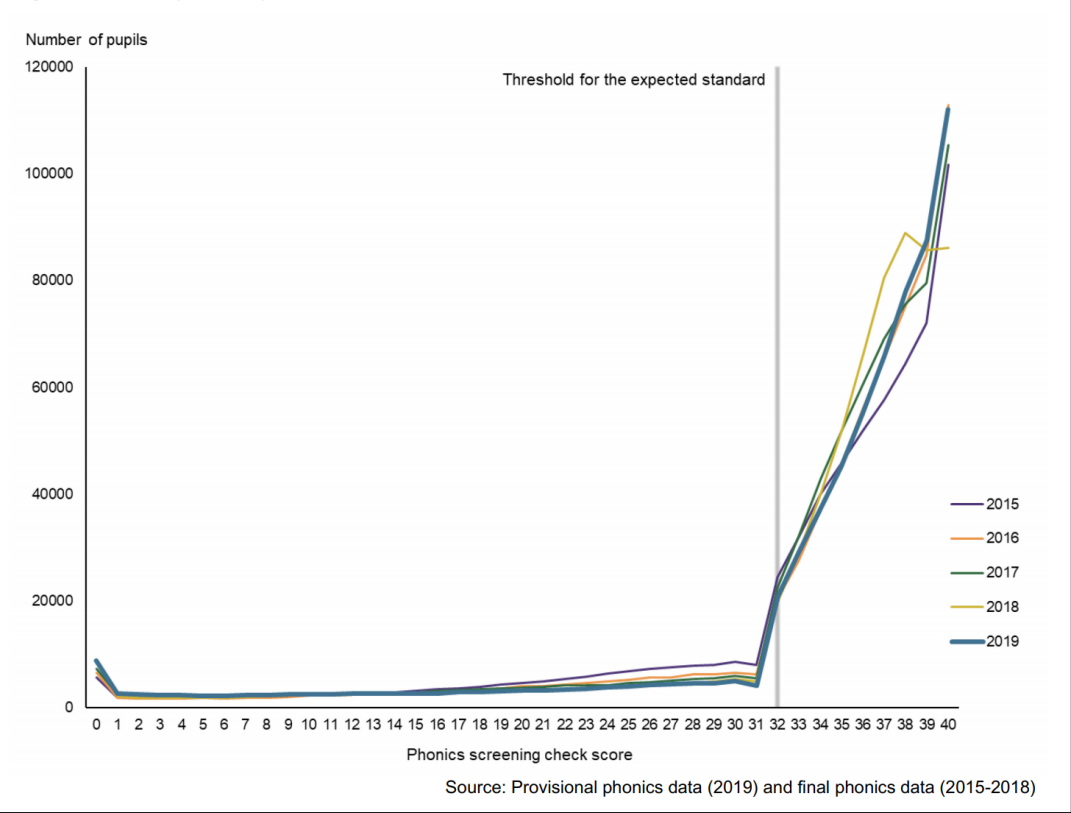
Key Stage 2 (KS2)



Source: DfE Statistics [Key stage 2 attainment, Academic year 2023/24 - Explore education statistics - GOV.UK \(explore-education-statistics.service.gov.uk\)](https://www.gov.uk/explore-education-statistics)

Always consider the possibility of bias in results

Figure 3: Year 1 phonics screening check mark distribution
 England, 2015-2019 (all schools)



Goodhart's Law: "When a measure becomes a target, it ceases to be a good measure"

Data presented in performance tables

Progress score in reading, writing and maths ?

The academic progress that pupils make from the end of key stage 1 to the end of key stage 2.

Reading

The banding for this school is 'above average' because the score is greater than 0 but lower than 3.1, and the entire confidence interval is above 0.

Banding ABOVE AVERAGE

Score 2.0

Confidence interval 0.3 to 3.7

[Show score details](#)

Writing

The banding for this school is 'below average' because the score is lower than 0 but greater than or equal to -2.7, and the entire confidence interval is below 0.

Banding BELOW AVERAGE

Score -2.2

Confidence interval -3.8 to -0.5

[Show score details](#)

Maths

The banding for this school is 'average' because the confidence interval spans both above and below 0.

Banding AVERAGE

Score 0.7

Confidence interval -0.9 to 2.3

[Show score details](#)

Pupils meeting expected standard in reading, writing and maths ?

School	81%
Local authority average	60%
England average	60%

Pupils achieving at a higher standard in reading, writing and maths ?

School	8%
Local authority average	8%
England average	8%

Average score in reading ?

School	112
Local authority average	106
England average	105

Average score in maths ?

School	109
Local authority average	104
England average	104

Headline (whole cohort) KS2 results

Results of disadvantaged pupils

	School dis. pupils	Local authority (non-dis. pupils)	England (non-dis. pupils)
Number of pupils at the end of key stage 2	7	6071	468532
Progress score in reading (confidence interval)	2.5 (-2.1 to 7.2)	0.6	0.4
Progress score in writing (confidence interval)	0.4 (-4.1 to 4.9)	0.4	0.4
Progress score in maths (confidence interval)	-0.1 (-4.5 to 4.3)	0.0	0.5
Percentage of pupils meeting the expected standard in reading, writing and maths	57%	66%	66%
Percentage of pupils achieving at a higher standard in reading, writing and maths	14%	10%	10%
Average score in reading	106	106	106
Average score in maths	102	105	105

How is progress measured from KS1 to KS2?

- Two more cohorts will have progress measured from KS1: 2025/26 (Y5) and 2026/27 (Y4)
- Value-added (VA) method – does **not** involve calculating difference between KS1 and KS2 results
- Pupils placed into KS1 prior attainment groups (PAG) and their KS2 score is compared to national average KS2 score of their PAG
- PAGs based on KS1 TA, **not** KS1 test scores (not collected!)
- Pupils that are below standard of test are assigned nominal scores
- Pupils are assigned nominal scores for writing (because no test!)
- Extreme negative progress scores are limited

KS1 PAGs and KS2 benchmarks

Prior Attainment Band	Prior Attainment Group (PAG)	KS1 average points score	Average KS2 Reading Score for PAG	Average KS2 Writing Score for PAG	Average KS2 Maths Score for PAG
Low	1	0 to < 1.5	62.84	62.56	63.04
	2	>= 1.5 to < 1.75	67.92	67.12	67.99
	3	>= 1.75 to < 2.0	70.80	69.59	70.96
	4	>= 2.0 to < 3.0	73.73	72.34	74.20
	5	>= 3 to < 3.25	80.45	77.94	80.58
	6	>= 3.25 to < 3.5	82.13	79.42	82.26
	7	>= 3.5 to < 3.75	85.81	82.49	85.43
	8	>= 3.75 to < 4.0	88.57	84.52	88.07
	9	4	90.54	86.67	89.41
	10	>4 to <5	92.24	87.85	92.19
	11	5	94.22	89.76	93.38
	12	>5 to <6	95.58	90.33	95.09
	13	6	96.78	93.02	95.81
	14	>6 to <7	100.84	96.35	97.86
Middle	15	7	101.03	97.37	100.92
	16	>7 to <8	103.29	98.23	102.84
	17	8	105.38	102.02	104.61
High	18	>8 to <9.5	109.49	104.71	107.85
	19	>=9.5 to <10	111.28	105.49	110.84
	20	10	113.29	108.87	112.14

Pupils assessed at BLW at KS1 (PAG 5) have to sit tests and score at least 80 to break even.

Pupils at PK4 at KS1 (PAG 9) need to sit tests and score more than 90 to gain a positive progress score

Pupils at WTS at KS1 (PAG 13) who achieve EXS in writing at KS2 get a progress score of +10 (achieving WTS at KS2 results in -2 score)

Pupils in PAGs 18-20 require KS2 score >110 for positive progress

No group has GDS estimate in writing

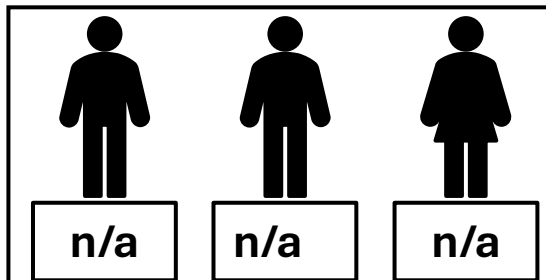
Calculating a cohort's progress score:

Each pupil's KS2 scaled score (or nominal score) is compared to the benchmark score from the table on the previous slide.

The difference is the individual pupil progress score.

Add up all the pupil progress scores and divide by the number of pupils with progress scores. Do not include those without scores.

The result is the cohort progress score.



Exclude from measure

$$25.9 \div 16 \text{ pupils} = 1.6$$

Cohort Progress score = 1.6

Statistical test is used to establish if significantly above/below average

Confidence intervals and statistical significance

Reading

Below average **-2.8**

[More score details](#) ?

Writing

Above average **1.6**

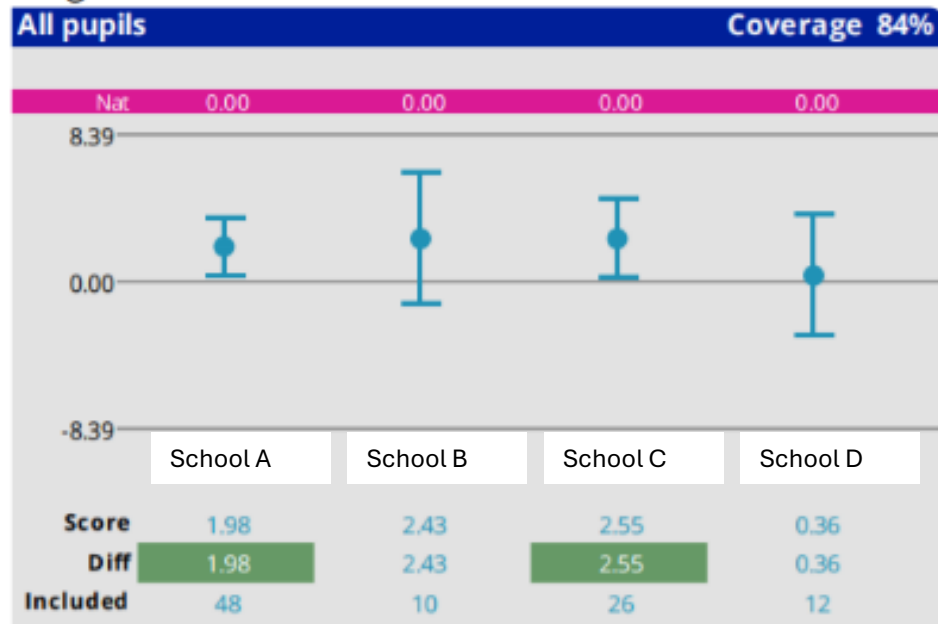
[More score details](#) ?

Maths

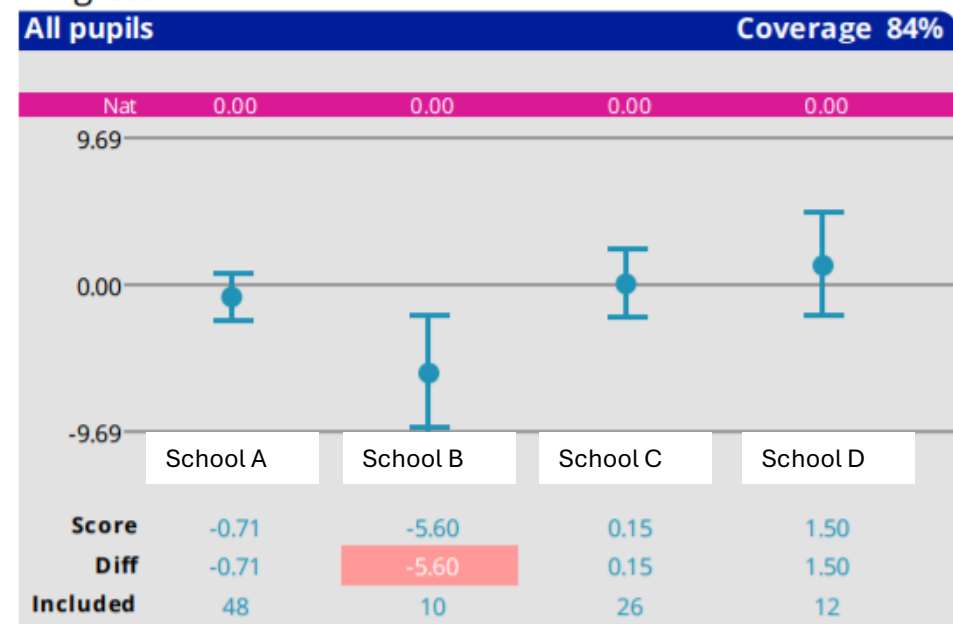
Average **-1.1**

[More score details](#) ?

Progress



Progress



Progress bands in ASP and Performance Tables



Progress is sig+ **and** in top 10% of schools



Progress is sig+ but not in top 10% of schools



Progress is in line with average



Progress is sig- but not in bottom 10% of schools



Progress is sig- **and** in bottom 10% of schools

Ofsted have just **three bands** in the IDSR: sig+, average, sig-

Ofsted calculate stat. sig. for both attainment and progress (DfE: progress only)

The Future of Progress

- No KS2 progress measures for current Y6 (no KS1 results)
- Alternatives baseline were considered – EYFSP, Phonics, MTC – but scrapped due to ‘statistical issues’.
- From KS1 for current Y3 and Y4 cohorts
- From Reception Baseline from 2027/28 onwards (current Y3)
- Methodology will be broadly the same as current measures
- Pupils KS2 scores will be compared to national average KS2 score of the prior attainment group (as now)
- Cohort progress score is average of individual pupil progress scores (as now)
- Pupils’ baseline scores follow them if they change school (as now)

Insight's statutory assessment report

Statutory Assessments Report
Oak Hill Primary School

Key Results - 2023-2024

Statistic	2018-2019		2021-2022		2022-2023		2023-2024		
	School	National	School	National	School	National	Cohort	School	National
% of pupils scoring full marks (25/25)	-	0%	22%	27%	29%	29%	50	27%	~ 34%

Assessment	Statistic	Cohort	School Result	National Comparison	National Result	School Percentile Rank
KS2 Reading, Writing & Maths combined	% of pupils achieving the expected standard	51	29%	Below (significant)	61%	4th
KS2 Reading, Writing & Maths combined	% of pupils achieving the higher standard	51	4%	Below	8%	41st
Multiplication Tables Check (MTC)	% of pupils scoring full marks (25/25)	50	27%	Below	~ 34%	42nd
Phonics Screening Check	% of pupils passing in Year 1	57	88%	At or above	~ 80%	73rd
Early Years Foundation Stage	% of pupils achieving a Good Level of Development	56	43%	Below (significant)	~ 68%	3rd

Assessment

- KS2 Reading, Writing & Maths combined
- KS2 Reading, Writing & Maths combined
- Multiplication Tables Check (MTC)
- Phonics Screening Check
- Early Years Foundation Stage

Legend

- Above national (statistically significant)
- At or above national
- Below national
- Below national (statistically significant)
- Missing data
- Estimated national

Key Stage 2

Subject	Stat
Reading, Writing & Maths combined	% of
Reading, Writing & Maths combined	% of
Reading	% of
Reading	% of
Reading	Ave
Writing	% of
Writing	% of
Maths	% of
Maths	% of pupils achieving the higher standard
Maths	Average scaled score
GPS	% of pupils achieving the expected standard
GPS	% of pupils achieving the higher standard
GPS	Average scaled score
Science	% of pupils achieving the expected standard

Please note that some school results may vary from official statistics. This can happen if Insight doesn't have data for all pupils. For example, data will be missing for a pupil who left school before you started using Insight.

Override any school results by clicking them, then enter the correct data from another source, such as ASP.

Go to detailed results: [KS2](#) [MTC](#) [KS1](#) [Phonics](#) [EYFS](#)

Legend

- Above national (statistically significant)
- At or above national
- Below national
- Below national (statistically significant)
- Missing data
- Estimated national

Statistic	2018-2019		2021-2022		2022-2023		2023-2024		
	School	National	School	National	School	National	Cohort	School	National
% of pupils achieving a Good Level of Development	68%	72%	63%	65%	44%	67%	56	43%	~ 68%
% of pupils at the expected level across all early learning goals	65%	71%	54%	63%	32%	66%	56	34%	~ 67%
Average number of early learning goals at the expected level per pupil	-	-	15.5	14.1	15.1	14.1	56	15.3	~ 14.2



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