

# Juniper Demo School

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## JUNIPER BENCHMARK ANALYSIS

Summer 2020-2021



# Juniper

# ABOUT THIS REPORT PACK

This report pack gives you a comparison to a statistically significant national data set, by comparing your school's teacher assessments against other schools who use one of Juniper Education's tracking solutions.

The analysis looks at the attainment data for Reading, Writing and Mathematics and compares it to the Juniper Education national benchmark. The pack will provide you with headline data for whole school, individual year groups and contextual groups.

## What data has been used, and what is being compared

- We've used c.6,000 school's teacher assessments that took place in the Summer term 2020/21.
- We have only included pupils who were on-roll as of 31/07/2021.
- We simply compared each pupil's summative teacher assessment against the age-related expectation (ARE).
- Using this we created a 'flag' to determine if the pupil was below, at or above ARE.
- We then aggregated these 'flags' to create a total figure of pupils that were at and above ARE.
- Finally, we used the total number of pupils with a teacher assessment to create a percentage figure of pupils who are at and above ARE.
- The data used to create this 'flag' was a snapshot of your tracker on 31/07/2021.

## How the data has been calculated

We understand the importance of transparency and therefore we have included the formula that we've used below:

*(Number of pupils in each year group at your school, assessed as 'at' or 'above' ARE / Number of pupils in each year group in your school) x 100*

*This is then compared to:*

*(Number of pupils in each year group in all Juniper Tracker schools, assessed as 'at' or 'above' ARE / Number of pupils in each year group in the entire Juniper dataset) x 100*

An example would be: Example Primary School has 100 pupils in Year 6, 50 pupils were assessed as 'at' or 'above' ARE, so the calculation would be  $(50/100) \times 100 = 50\%$ .

## Juniper Benchmark vs DFE National averages

When comparing the Juniper Benchmark to national data published by the DFE for the 2018/19 academic year, it is clear that there are differences. These distinctions are expected because of the variance in calculations and assessments:

- Teacher assessments aren't standardised - the data we've used are teacher assessments that will have inevitably taken place at different times in the Autumn term, different times of the day and in different locations and environments.
- Current data is adversely affected by a global pandemic and many months of interrupted education. It is impossible to standardise that data, and nor should we try, this provides an indicator and a flag, of potential areas to focus on, not a set of accountability measures and standardised scores.
- At the time of the assessments included in this data, teachers haven't covered the full curriculum and therefore may not have a full 'picture' of the pupil.
- We haven't performed any data adjustment calculations. For example, we haven't increased attainment for pupils who may have special considerations.

# ABOUT THIS REPORT PACK

## Local Authority averages

We have included average data for **Essex** to give you additional comparison with schools more local to you. As the number of schools using Juniper tracker software varies by region this should be taken into consideration when drawing any conclusions.

## What next? How you can use this report, and talk about what it is and isn't

- Take a look at your data compared to the Juniper average. It may not directly correlate to published standards and statutory assessment data, but it will give you insight that no other report can:
  - It is live data based on a nationally significant snapshot of the exact time it was taken. No other data set in the country can provide that 'live' view of data.
  - Whilst the ultimate individual result against reported data may be a snapshot. You should consider the following indicators to feed into your attainment reporting and development plans:
    - how your school tracks and compares in each subject, particularly when compared against one another,
    - how each vulnerable group compares and its relative gap to national data.
- Consider your action plans from this, think about reviewing areas of discrepancy and thinking how they might be tackled, what intervention might be required.

## Please note:

- If any data has been updated in your tracker since the date this pack was created, the analysis in this document may not precisely match the analysis in your tracking system.
- No pupil level data has been copied from your tracker to create this report. We calculated the number and percentages in your tracker and only used this summary level data to produce the report.
- This pack has been designed to aid all schools using one of Juniper Education's tracking solutions, therefore we will not be able re-run this analysis for individual schools.

Juniper Education own a suite of market-leading pupil tracking systems including; Target Tracker, OTrack, Classroom Monitor and Pupil Asset.

We're excited to share with you the next generation of pupil tracking - and it's about much more than just tracking.

We're combining a brand new, world class online pupil progress tracking solution and embedding it with a brilliantly designed curriculum framework, Sonar Curriculum, and linked mechanisms for sharing pupil's learning progress with parents, Sonar Awards.

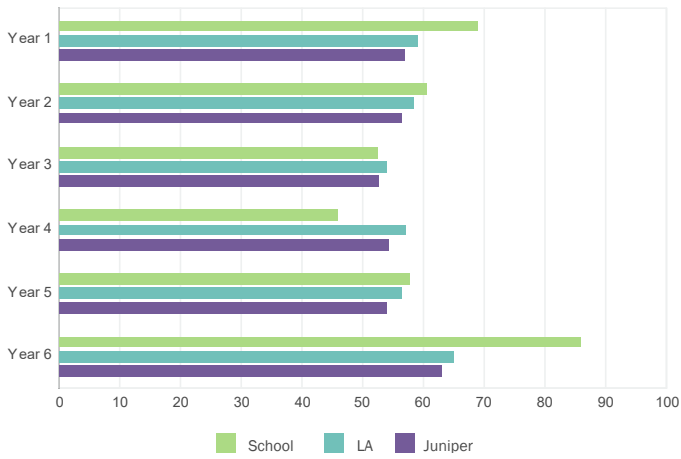
[Find out more about Sonar](#)

# NATIONAL BENCHMARK SNAPSHOT

This report displays the percentage of pupils expected or higher for Age-Related Expectations.

Year Group	Combined Reading, Writing and Mathematics			Reading			Writing			Mathematics		
	Juniper	LA	School	Juniper	LA	School	Juniper	LA	School	Juniper	LA	School
Year 1	56.8%	59.0%	69.0%	67.3%	68.5%	85.7%	61.1%	62.5%	68.2%	69.3%	70.7%	81.8%
Year 2	56.3%	58.4%	60.5%	69.4%	71.4%	77.3%	60.6%	62.2%	66.7%	69.0%	70.5%	76.1%
Year 3	52.6%	54.1%	52.4%	68.1%	70.0%	62.2%	57.1%	58.8%	54.8%	66.4%	67.3%	71.1%
Year 4	54.4%	57.3%	45.8%	69.5%	71.9%	58.3%	59.5%	61.6%	54.2%	67.7%	70.0%	58.3%
Year 5	54.0%	56.5%	57.8%	69.9%	72.1%	64.4%	59.6%	61.4%	62.2%	67.2%	69.2%	64.4%
Year 6	63.0%	65.2%	86.0%	77.1%	79.8%	90.2%	68.8%	71.1%	86.3%	73.2%	75.3%	98.0%

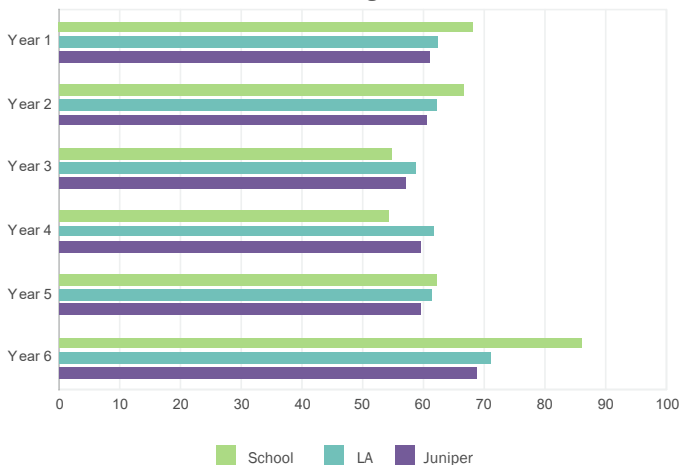
Combined Reading, Writing and Mathematics



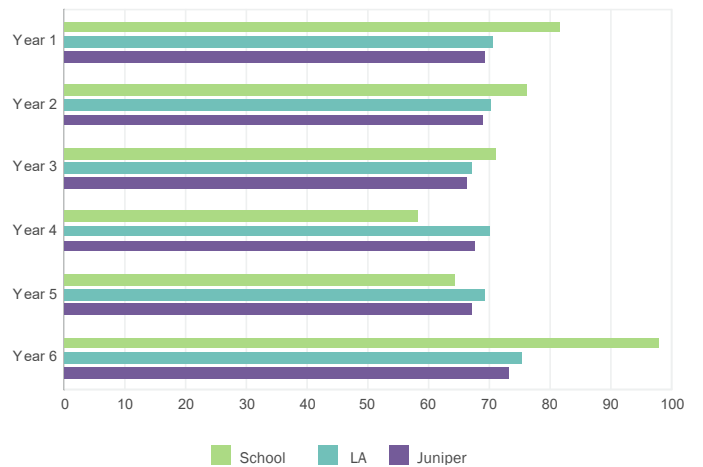
Reading



Writing

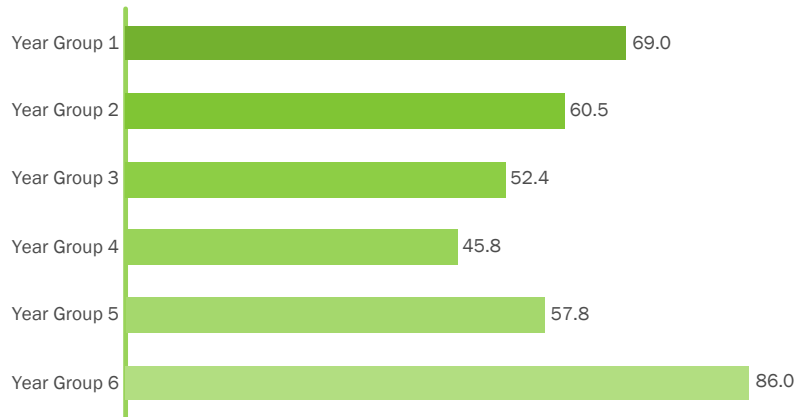
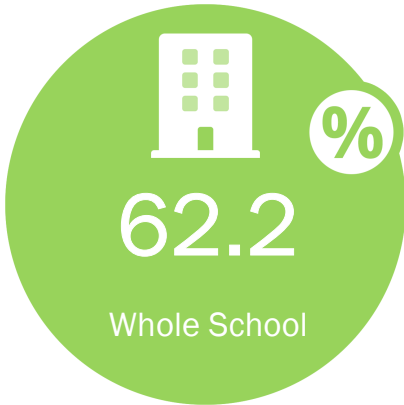


Mathematics



# COMBINED READING, WRITING AND MATHEMATICS

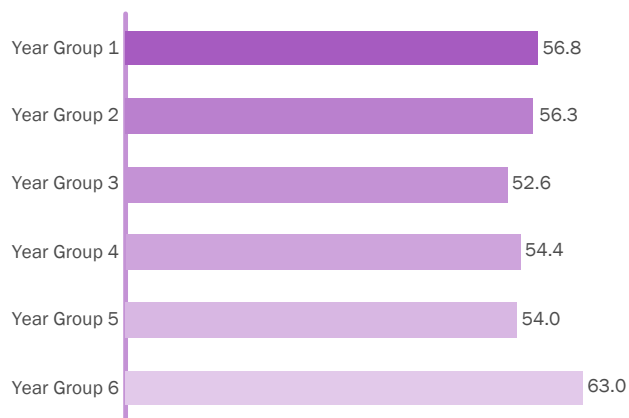
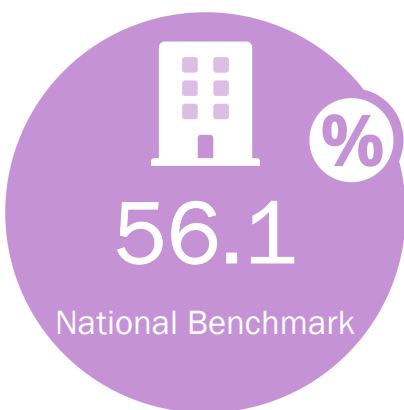
## School - Year Group Age-Related Expectation Analysis



## LA - Year Group Age-Related Expectation Analysis



## Juniper National Benchmark - Year Group Age-Related Expectation Analysis



Your school is above the national dataset when analysing Combined Reading, Writing And Mathematics.  
Your school is above the LA dataset when analysing Combined Reading, Writing And Mathematics.

# COMBINED READING, WRITING AND MATHEMATICS

## Contextual Group Analysis of Age-Related Expectation

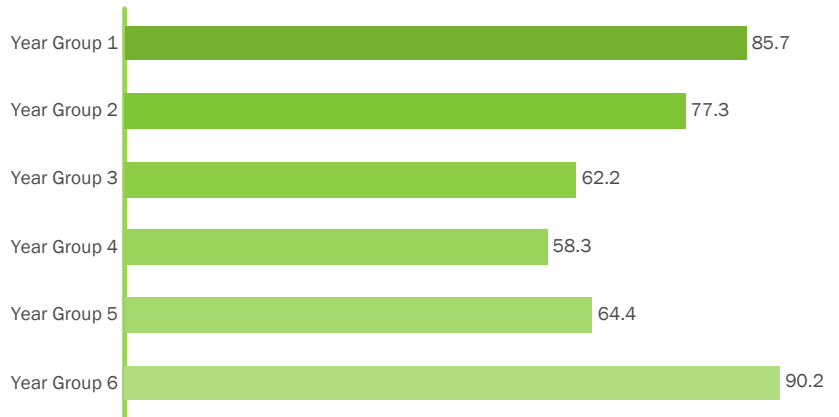
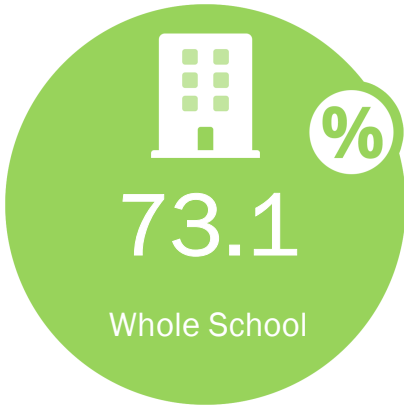
Your school's data is displayed in the **green** rows, your LA's data is displayed in the **aqua** rows and the Juniper Benchmark comparison is in the **purple** rows.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Cohort	69.0%	60.5%	52.4%	45.8%	57.8%	86.0%
	59.0%	58.4%	54.1%	57.3%	56.5%	65.2%
	56.8%	56.3%	52.6%	54.4%	54.0%	63.0%
Boys	69.2%	38.9%	43.8%	35.3%	30.4%	77.8%
	54.5%	54.8%	50.5%	53.4%	52.3%	60.6%
	52.7%	52.2%	48.4%	50.2%	50.1%	59.2%
Girls	68.8%	76.0%	57.7%	51.6%	86.4%	95.7%
	63.6%	62.1%	57.8%	61.2%	61.0%	69.8%
	61.0%	60.6%	56.9%	58.7%	58.1%	67.0%
Non Disadvantaged	69.0%	60.5%	52.4%	45.8%	57.8%	86.0%
	60.0%	59.2%	54.8%	58.2%	57.6%	66.7%
	59.4%	59.0%	55.3%	57.3%	56.9%	65.9%
Pupil Premium	66.7%	0.0%	14.3%	16.7%	40.0%	80.0%
	38.1%	37.0%	35.0%	38.1%	39.7%	48.4%
	38.6%	38.7%	36.2%	38.0%	38.1%	48.5%
Non Pupil Premium	69.4%	68.4%	60.0%	50.0%	60.0%	86.7%
	63.5%	63.8%	59.0%	62.6%	61.8%	70.7%
	61.4%	61.3%	57.6%	59.8%	59.6%	68.6%
FSM	100.0%	0.0%	33.3%	0.0%	25.0%	75.0%
	37.5%	37.0%	34.4%	36.8%	38.8%	45.1%
	37.5%	37.8%	35.0%	36.4%	36.0%	45.4%
Non FSM	67.5%	65.0%	53.8%	50.0%	61.0%	87.0%
	63.3%	63.2%	58.5%	61.7%	60.6%	69.5%
	62.2%	61.8%	58.1%	59.9%	59.4%	68.3%
SEN	0.0%	0.0%	33.3%	0.0%	0.0%	33.3%
	19.5%	15.4%	15.2%	14.4%	16.2%	23.0%
	20.8%	17.9%	15.1%	15.7%	16.3%	22.5%
Non SEN	80.6%	74.3%	55.6%	51.2%	68.4%	97.6%
	63.9%	64.7%	60.9%	64.7%	64.0%	73.3%
	62.1%	63.0%	59.8%	62.2%	62.0%	71.7%
EAL	57.1%	100.0%	33.3%	0.0%	0.0%	100.0%
	60.0%	57.3%	57.4%	64.6%	61.3%	72.0%
	54.6%	55.7%	52.5%	55.0%	54.9%	64.1%
Non EAL	71.4%	59.5%	53.8%	46.8%	59.1%	85.1%
	58.8%	58.6%	53.5%	55.9%	55.7%	63.9%
	57.5%	56.6%	52.6%	54.2%	53.7%	62.6%

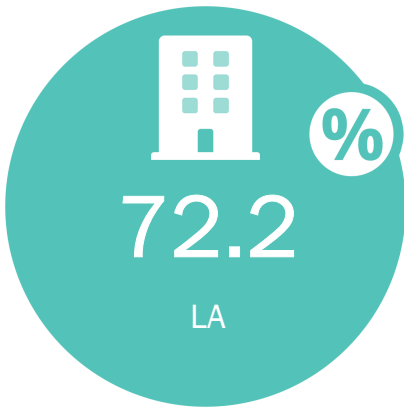
In the table above, the lighter grey denotes any group that has 10 pupils or less.

# READING

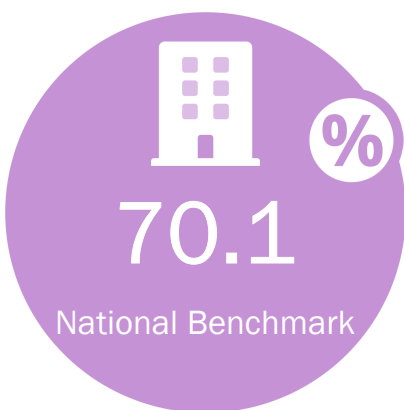
## School - Year Group Age-Related Expectation Analysis



## LA - Year Group Age-Related Expectation Analysis



## Juniper National Benchmark - Year Group Age-Related Expectation Analysis



Your school is broadly in line with the national dataset when analysing Reading.  
Your school is broadly in line with the LA dataset when analysing Reading.

# READING

## Contextual Group Analysis of Age-Related Expectation

Your school's data is displayed in the **green** rows, your LA's data is displayed in the **aqua** rows and the Juniper Benchmark comparison is in the **purple** rows.

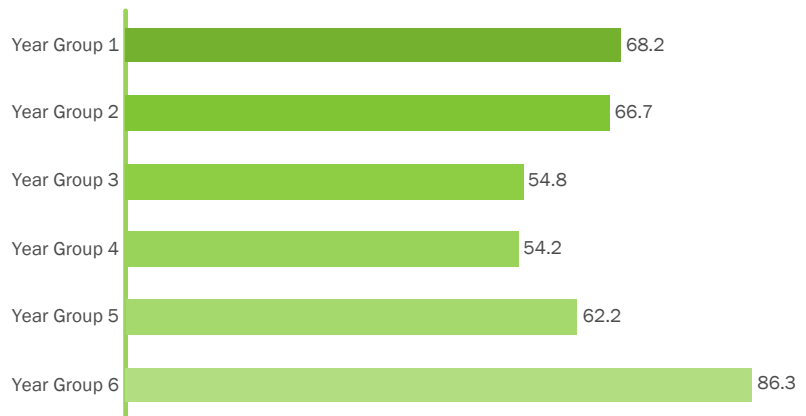
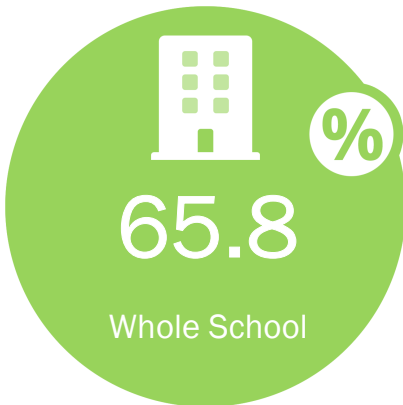
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Cohort	85.7%	77.3%	62.2%	58.3%	64.4%	90.2%
	68.5%	71.4%	70.0%	71.9%	72.1%	79.8%
	67.3%	69.4%	68.1%	69.5%	69.9%	77.1%
Boys	84.6%	63.2%	50.0%	52.9%	39.1%	85.2%
	65.0%	68.7%	66.5%	68.6%	68.5%	75.6%
	63.9%	66.0%	64.4%	65.8%	66.0%	73.5%
Girls	87.5%	88.0%	69.0%	61.3%	90.9%	95.8%
	72.0%	74.1%	73.6%	75.2%	75.9%	84.2%
	70.8%	72.9%	72.0%	73.4%	74.1%	80.9%
Non Disadvantaged	85.7%	77.3%	62.2%	58.3%	64.4%	90.2%
	69.5%	72.2%	70.7%	72.8%	72.9%	81.0%
	69.8%	71.7%	70.5%	72.1%	72.4%	79.4%
Pupil Premium	100.0%	40.0%	28.6%	33.3%	60.0%	80.0%
	47.3%	51.3%	53.9%	56.0%	57.3%	67.4%
	50.1%	53.5%	53.5%	55.0%	56.1%	65.4%
Non Pupil Premium	83.3%	82.1%	68.4%	61.9%	65.0%	91.3%
	73.0%	76.4%	74.2%	76.3%	76.7%	83.9%
	71.6%	73.8%	72.6%	74.4%	74.8%	81.6%
FSM	100.0%	66.7%	33.3%	25.0%	50.0%	75.0%
	45.9%	51.0%	52.9%	55.1%	55.3%	64.6%
	48.9%	52.7%	52.1%	53.2%	53.6%	62.8%
Non FSM	85.0%	78.0%	64.3%	61.4%	65.9%	91.5%
	73.0%	76.0%	73.8%	75.5%	75.9%	83.1%
	72.4%	74.3%	73.2%	74.6%	74.8%	81.4%
SEN	33.3%	12.5%	33.3%	0.0%	0.0%	50.0%
	30.5%	26.7%	27.7%	28.0%	29.7%	40.8%
	31.4%	29.7%	27.9%	29.1%	30.8%	40.1%
Non SEN	94.4%	91.7%	66.7%	65.1%	76.3%	100.0%
	73.3%	77.9%	77.5%	79.6%	80.0%	87.5%
	72.6%	76.3%	75.9%	77.8%	78.3%	85.2%
EAL	100.0%	100.0%	33.3%	0.0%	0.0%	100.0%
	69.7%	70.0%	72.6%	75.4%	75.6%	82.8%
	64.5%	67.2%	66.0%	68.0%	68.5%	75.8%
Non EAL	82.9%	76.7%	64.3%	59.6%	65.9%	89.6%
	68.3%	71.6%	69.6%	71.2%	71.4%	79.3%
	68.1%	70.1%	68.9%	70.2%	70.5%	77.7%

In the table above, the lighter grey denotes any group that has 10 pupils or less.



# WRITING

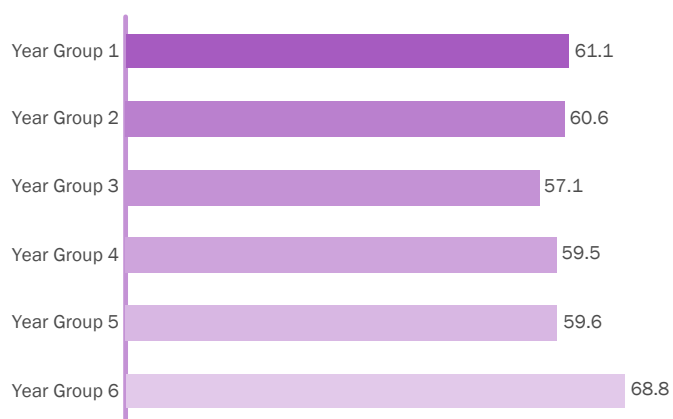
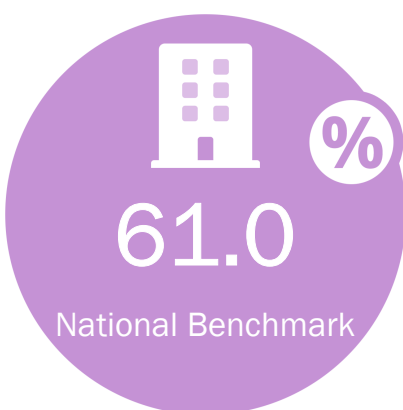
## School - Year Group Age-Related Expectation Analysis



## LA - Year Group Age-Related Expectation Analysis



## Juniper National Benchmark - Year Group Age-Related Expectation Analysis



Your school is above the national dataset when analysing Writing.  
Your school is broadly in line with the LA dataset when analysing Writing.

# WRITING

## Contextual Group Analysis of Age-Related Expectation

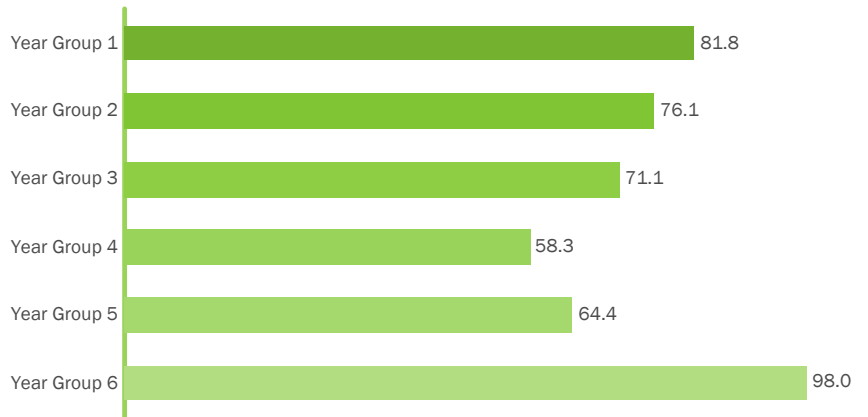
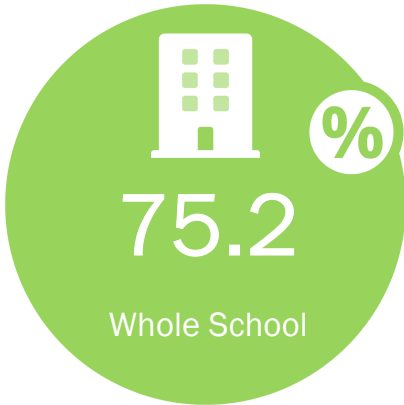
Your school's data is displayed in the **green** rows, your LA's data is displayed in the **aqua** rows and the Juniper Benchmark comparison is in the **purple** rows.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Cohort	68.2%	66.7%	54.8%	54.2%	62.2%	86.3%
	62.5%	62.2%	58.8%	61.6%	61.4%	71.1%
	61.1%	60.6%	57.1%	59.5%	59.6%	68.8%
Boys	69.2%	47.4%	50.0%	47.1%	30.4%	81.5%
	57.1%	56.9%	53.5%	55.8%	55.1%	64.3%
	55.7%	54.8%	51.1%	53.2%	53.3%	62.7%
Girls	66.7%	80.8%	57.7%	58.1%	95.5%	91.7%
	68.2%	67.6%	64.2%	67.6%	68.0%	78.0%
	66.6%	66.6%	63.3%	66.0%	66.1%	75.1%
Non Disadvantaged	68.2%	66.7%	54.8%	54.2%	62.2%	86.3%
	63.4%	63.0%	59.5%	62.5%	62.6%	72.4%
	63.7%	63.2%	59.7%	62.3%	62.3%	71.4%
Pupil Premium	66.7%	0.0%	14.3%	16.7%	40.0%	80.0%
	41.7%	40.6%	40.9%	43.5%	45.3%	55.4%
	43.0%	43.3%	40.8%	43.7%	44.2%	55.3%
Non Pupil Premium	68.4%	75.0%	62.9%	59.5%	65.0%	87.0%
	67.1%	67.7%	63.4%	66.7%	66.5%	76.1%
	65.7%	65.5%	62.1%	64.8%	65.0%	73.9%
FSM	100.0%	0.0%	33.3%	0.0%	25.0%	75.0%
	41.1%	40.5%	40.1%	42.3%	43.8%	52.2%
	41.9%	42.4%	39.6%	42.0%	42.0%	52.4%
Non FSM	66.7%	71.4%	56.4%	59.1%	65.9%	87.2%
	66.9%	67.1%	62.9%	65.9%	65.4%	75.1%
	66.5%	66.0%	62.6%	64.9%	64.9%	73.7%
SEN	0.0%	0.0%	33.3%	0.0%	0.0%	40.0%
	20.6%	18.2%	17.1%	18.0%	18.8%	28.2%
	23.4%	20.4%	17.5%	18.6%	19.4%	27.8%
Non SEN	78.9%	81.1%	58.3%	60.5%	73.7%	97.6%
	67.8%	68.7%	66.2%	69.2%	69.4%	79.3%
	66.7%	67.6%	64.8%	67.9%	68.2%	77.7%
EAL	57.1%	100.0%	33.3%	0.0%	0.0%	100.0%
	63.6%	61.4%	62.4%	67.9%	65.6%	76.3%
	59.1%	59.9%	57.1%	59.8%	60.2%	69.2%
Non EAL	70.3%	65.9%	56.4%	55.3%	63.6%	85.4%
	62.3%	62.3%	58.2%	60.5%	60.6%	70.1%
	61.7%	60.9%	57.1%	59.4%	59.4%	68.6%

In the table above, the lighter grey denotes any group that has 10 pupils or less.

# MATHEMATICS

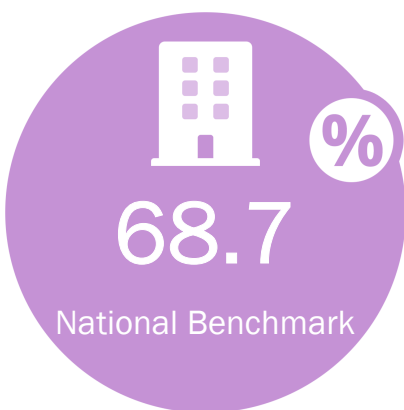
## School - Year Group Age-Related Expectation Analysis



## LA - Year Group Age-Related Expectation Analysis



## Juniper National Benchmark - Year Group Age-Related Expectation Analysis



Your school is above the national dataset when analysing Mathematics.  
Your school is above the LA dataset when analysing Mathematics.

# MATHEMATICS

## Contextual Group Analysis of Age-Related Expectation

Your school's data is displayed in the **green** rows, your LA's data is displayed in the **aqua** rows and the Juniper Benchmark comparison is in the **purple** rows.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Cohort	81.8%	76.1%	71.1%	58.3%	64.4%	98.0%
	70.7%	70.5%	67.3%	70.0%	69.2%	75.3%
	69.3%	69.0%	66.4%	67.7%	67.2%	73.2%
Boys	80.8%	68.4%	68.8%	58.8%	43.5%	96.3%
	69.3%	71.5%	68.9%	71.1%	70.5%	75.2%
	68.2%	69.0%	66.9%	68.2%	68.1%	73.5%
Girls	83.3%	81.5%	72.4%	58.1%	86.4%	100.0%
	72.1%	69.5%	65.6%	68.8%	67.9%	75.5%
	70.3%	69.0%	66.0%	67.1%	66.2%	72.9%
Non Disadvantaged	81.8%	76.1%	71.1%	58.3%	64.4%	98.0%
	71.5%	71.2%	67.8%	70.8%	70.3%	76.8%
	71.6%	71.4%	68.9%	70.4%	69.9%	75.8%
Pupil Premium	66.7%	40.0%	28.6%	16.7%	60.0%	80.0%
	52.5%	50.3%	48.5%	52.3%	53.2%	59.6%
	53.0%	52.9%	50.7%	51.9%	51.5%	59.6%
Non Pupil Premium	84.2%	80.5%	78.9%	64.3%	65.0%	100.0%
	74.6%	75.5%	72.1%	74.9%	74.2%	80.5%
	73.4%	73.5%	71.3%	72.9%	72.7%	78.4%
FSM	100.0%	66.7%	33.3%	0.0%	50.0%	75.0%
	52.9%	50.1%	48.5%	51.2%	51.6%	56.6%
	51.9%	51.9%	49.4%	50.2%	49.3%	56.8%
Non FSM	81.0%	76.7%	73.8%	63.6%	65.9%	100.0%
	74.3%	75.0%	71.4%	74.1%	73.2%	79.4%
	74.1%	74.0%	71.8%	73.0%	72.5%	78.1%
SEN	16.7%	12.5%	33.3%	0.0%	0.0%	88.9%
	32.1%	29.5%	29.1%	27.6%	30.3%	38.3%
	34.5%	31.7%	29.2%	29.9%	30.2%	36.4%
Non SEN	92.1%	89.5%	76.9%	65.1%	76.3%	100.0%
	75.6%	76.5%	74.1%	77.4%	76.6%	82.6%
	74.4%	75.5%	73.6%	75.4%	75.1%	81.2%
EAL	85.7%	100.0%	66.7%	100.0%	0.0%	100.0%
	69.8%	70.4%	70.0%	76.3%	74.3%	81.9%
	66.2%	67.8%	66.2%	68.8%	68.8%	75.2%
Non EAL	81.1%	75.6%	71.4%	57.4%	65.9%	97.9%
	70.8%	70.5%	66.8%	68.8%	68.3%	74.1%
	70.2%	69.4%	66.5%	67.2%	66.6%	72.4%

In the table above, the lighter grey denotes any group that has 10 pupils or less.

## OUR WEBINARS

**We're running a number of really useful webinars.**

With most teaching being conducted online at the moment, keeping track of pupils' learning is more important than ever. With that in mind, we're running a series of free webinars looking at helping staff in school to get more out of your tracker.

The webinars range from bitesized 15 minute sessions to more in-depth 1 hour sessions and there are a number of topics covered...

**Check out the full list of webinars**

<https://webinar.junipereducation.org/>

## FIND OUT MORE ABOUT JUNIPER EDUCATION

Juniper Education's aim is to increase the effectiveness of schools, improve outcomes for learners and give teachers back more Child-Time.

Juniper Education provides primary and secondary schools and Multi-Academy Trusts (MATs) with software to bring pupil assessment, attendance, behaviour data and more together into one system. Juniper Education also offers services to support schools and MATs with their financial management, teacher training, HR, governance, compliance, and school visits planning.

If you are interested to see how our, broad range of support services and portfolio of pupil tracking software can help your school or MAT please contact us and we will get back to you.

**Contact us for more info**

<https://junipereducation.org/contact-us/>