

Ei ASSET



Scholastic Skills Assessment 2022



**DIAGNOSTIC
REPORT**
MANAGEMENT



Enhancing Learning Outcomes

We achieve this by building products and learning solutions that focus on diagnostic assessment and personalised learning. Our learning platforms cull relevant and customised intelligence from over five billion data points to deliver content in the form of questions, activities, games and videos to assess students' learning levels and provide explanations, feedback and learning inputs for all stakeholders. This data treasure has been built over two decades and is one-of-its-kind in the education industry.

We believe in a scientific approach to conceptualising, designing and building our products. This stems from a dream to discover SCIENCE OF LEARNING that can systematically be made available to teachers. Ei's mission is to build this 'Science of Learning' which provides a repository of data and techniques that can be used by teachers to help children learn better - a big improvement over today's situation where teachers struggle alone to help students learn. Ei's work on assessment and learning has already helped create banks of misconceptions, common student errors and the like and these are being shared as usable insights.



Ei ASSET

Know where your school stands

Ei ASSET is a skill-based test that measures students' conceptual understanding and benchmarks the school's performance at international, national & regional levels with actionable insights through easy-to-understand reports.



A test for every school, every class, every year

Grades and Subjects

3 to 10 – English, Math & Science
5 to 10 – Social Studies
4 to 8 – Hindi

Regions and Curriculum

The Ei ASSET exams cover all the major curricula being taught in India, UAE, Singapore, Gulf, & Africa.

Ei ASSET helps you gain these essential insights



Benchmark Performance

How does your school's students perform compared to other schools and what areas need improvement?



Diagnose Misconceptions

Do students understand concepts deeply and are there any critical learning gaps?



Assess Teacher Effectiveness

What should your teachers do to improve classroom instruction?



Get a complete picture of your school's performance



Know how well your students can think and apply concepts



Focu your teaching time on the most critical learning gaps

School Summery:

Subjects	: English, Maths, Science, Social Studies, Hindi
Classes	: 3, 4, 5, 6, 7, 8, 9 and 10
Total no. of students	: 215
No. of times ASSET taken	: 14
Round, Year last attempted	: Winter, 2016

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Why ASSET?

A one of its kind, national level benchmarking test level benchmarking test, Assessment of Scholastic Skills through Educational Testing (ASSET) provides feedback on real learning to students. It pinpoints their academic strengths and weaknesses thereby giving them an accurate picture of where they stand with respect to their peers.

It helps improve the overall perspective of a school by pointing out skills that need improvement. The reports provides better directions for programmes like teacher training and capacity building.

It provides key insights to teachers about where their students stand with regards to the different skills, when compared with other sections and other schools. It also provides practice questions that can be used to reinforce concepts in weak skills.

Students get a personalised report which highlights their strong and weak skills. Practice questions for the weak skills are also provided.

Dear Principal,

Greetings from EI!

The ASSET results for Winter 2017 are out and we are happy to share the same with you.

As you know, ASSET is a low-stakes test taken by over 350,000 students in over 1,000 private English medium schools every year. Its purpose is not to identify toppers, but to help schools and students improve. It tests how well students have understood the concepts underlying the school curriculum and not just how well they remember the facts given in the textbooks. ASSET tests for conceptual understanding across the CBSE, ICSE, IGCSE and Indian state boards.

We do not directly compare schools because we believe that each school - like every student - is unique. However, we provide comparative data on a school's performance through rigorous benchmarking and year-on-year analysis (where applicable).

Insights

Some noteworthy insights from your school's participation this year are:

- The performance of classes 3, 6, 8, 9 and 10 has been better than the national average range in all participated subjects.
- Performance significantly better than in 2016: English (Class 9), Maths (Class 4, 6, 9), Science (Class 5, 6) and Hindi (Class 6).
- Performance significantly poorer than in 2016: English (Class 4, 5, 6, 7, 8, 10), Maths (Class 8, 10), Science (Class 4, 7, 9, 10) and Hindi (Class 5, 7, 8).

Class-Subject Performance Overview

The **number of class-subject combinations** in different performance categories when benchmarked with national average range (95% - 105%).

Benchmarking	2017					2016				
	English	Maths	Science	SS	Hindi	English	Maths	Science	SS	Hindi
Above average range	8	8	8	1	2	8	8	8	0	4
Within average range	0	0	0	0	2	0	0	0	0	0
Below average range	0	0	0	0	1	0	0	0	0	1

Top Performers

The number of students from your school who are among the top performers nationally.

	Outstanding	Distinguished	Creditable
	Top 1% students nationally	The next 5% students nationally	The next 10% students nationally
No. of students	12	47	61

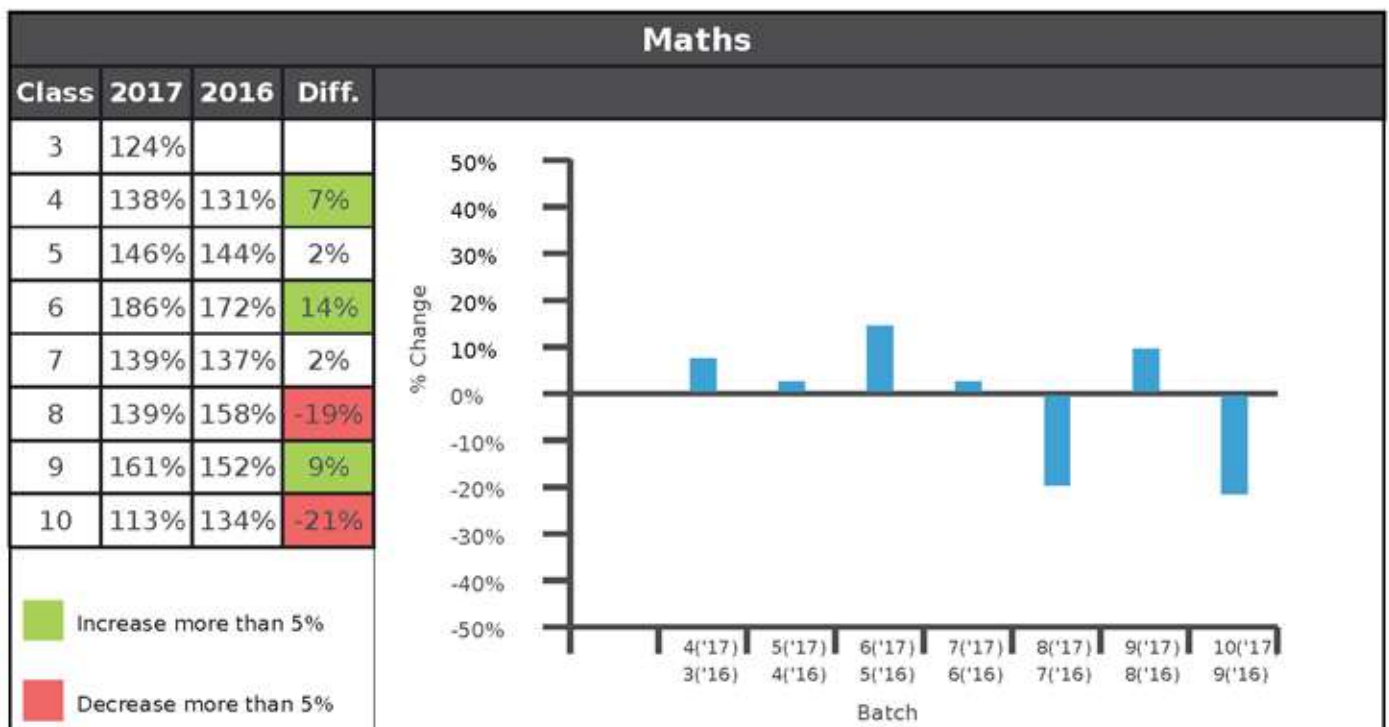
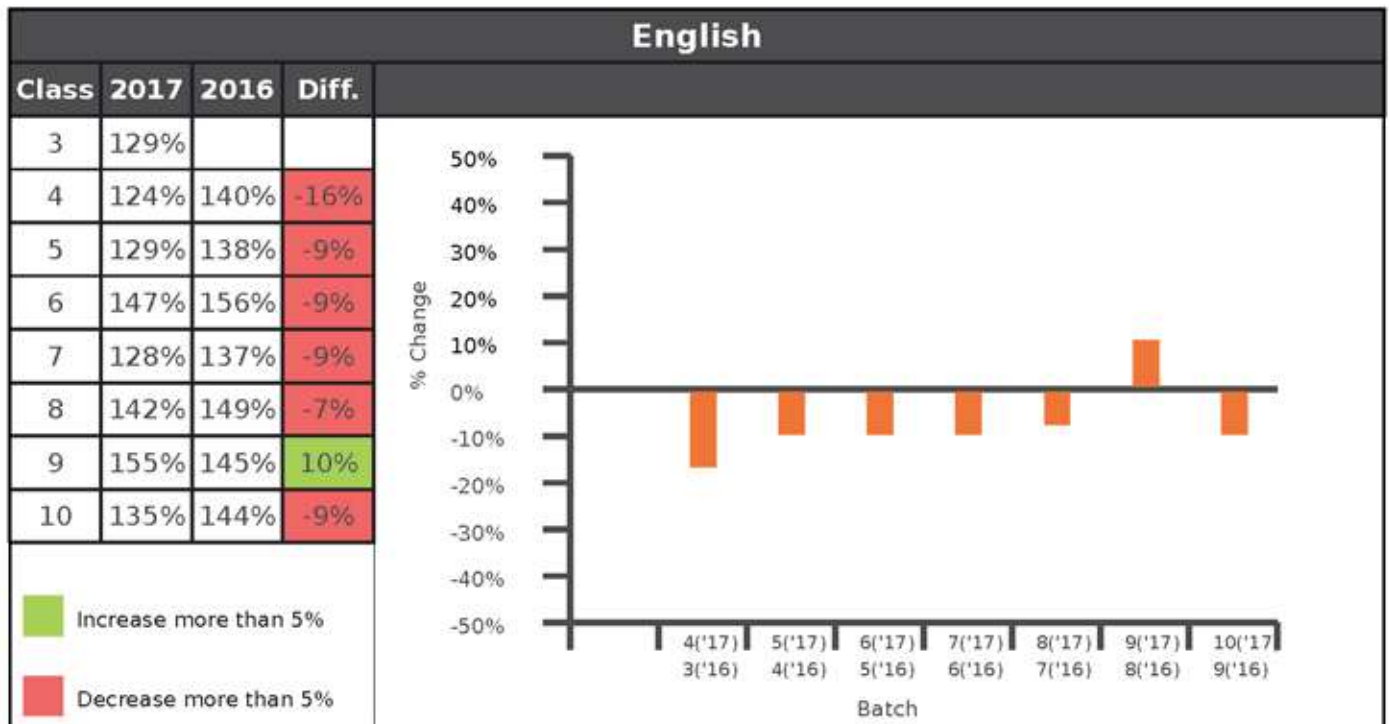
Regards,



Pranav Kothari
CEO - Educational Initiatives

Batch Performance - Year-on-year

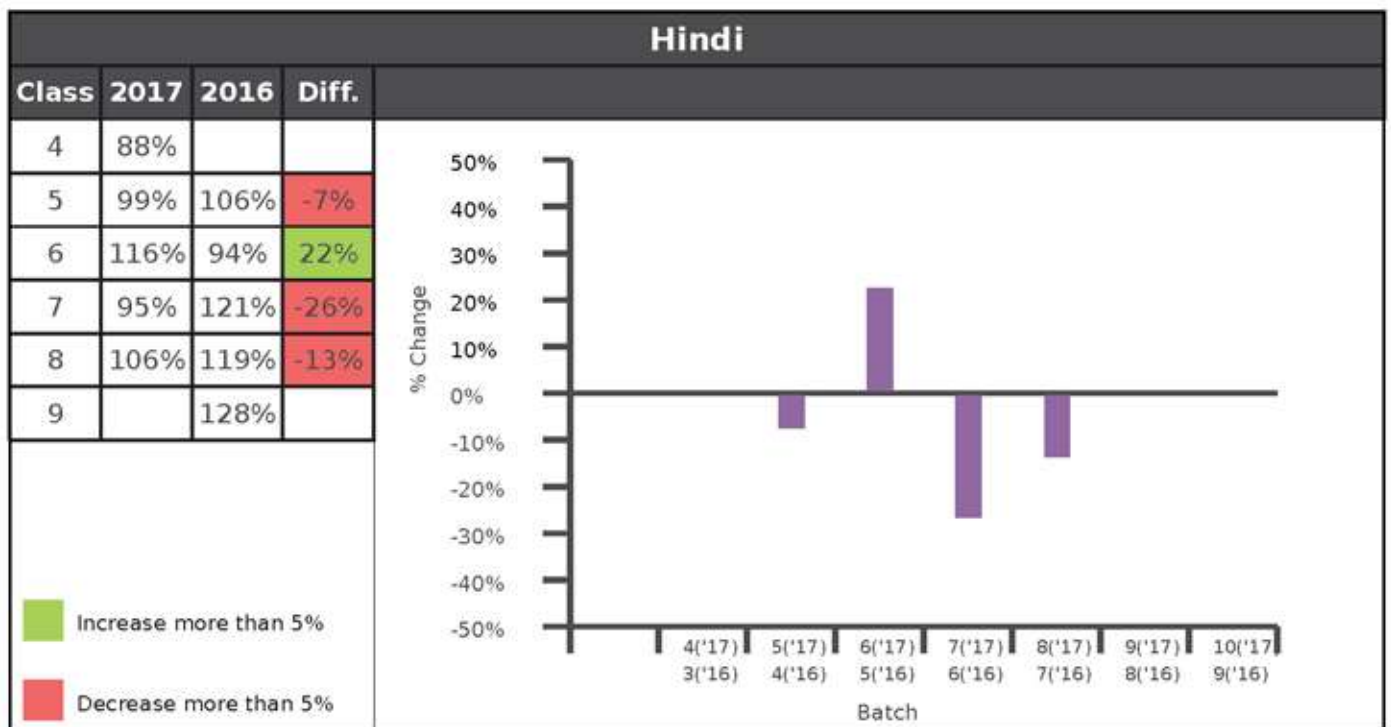
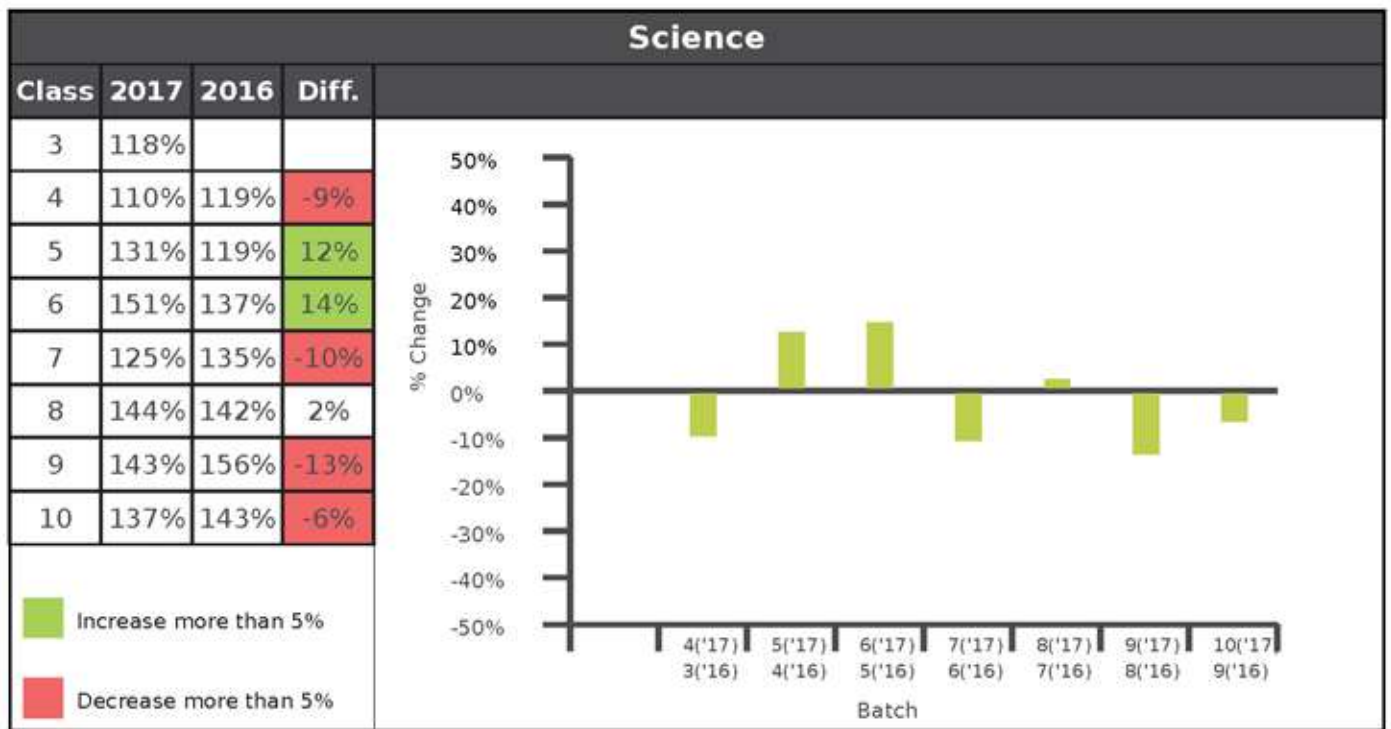
Comparing the performance of the **same batch of students** across two consecutive years



Note 1: The national-level benchmarking of the same set of students - for example, those who were in class 3 last year and are in class 4 currently - is compared across consecutive years.

Note 2: Data of previous year may differ by up to 3% due to delayed responses received from some schools.

Note 3: Year-on-year performance is Not Available(NA) as there has been a change in mode of conduction of ASSET (computer based last year to pen-and-paper this year).



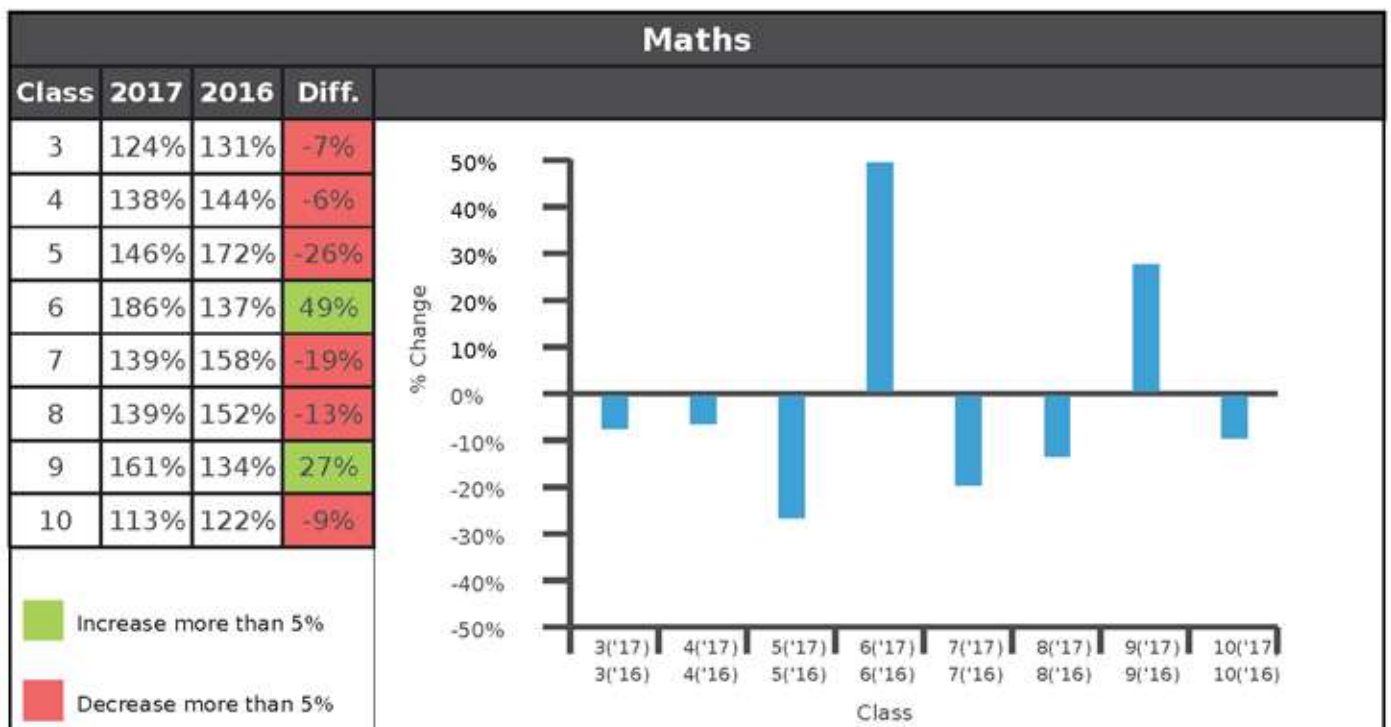
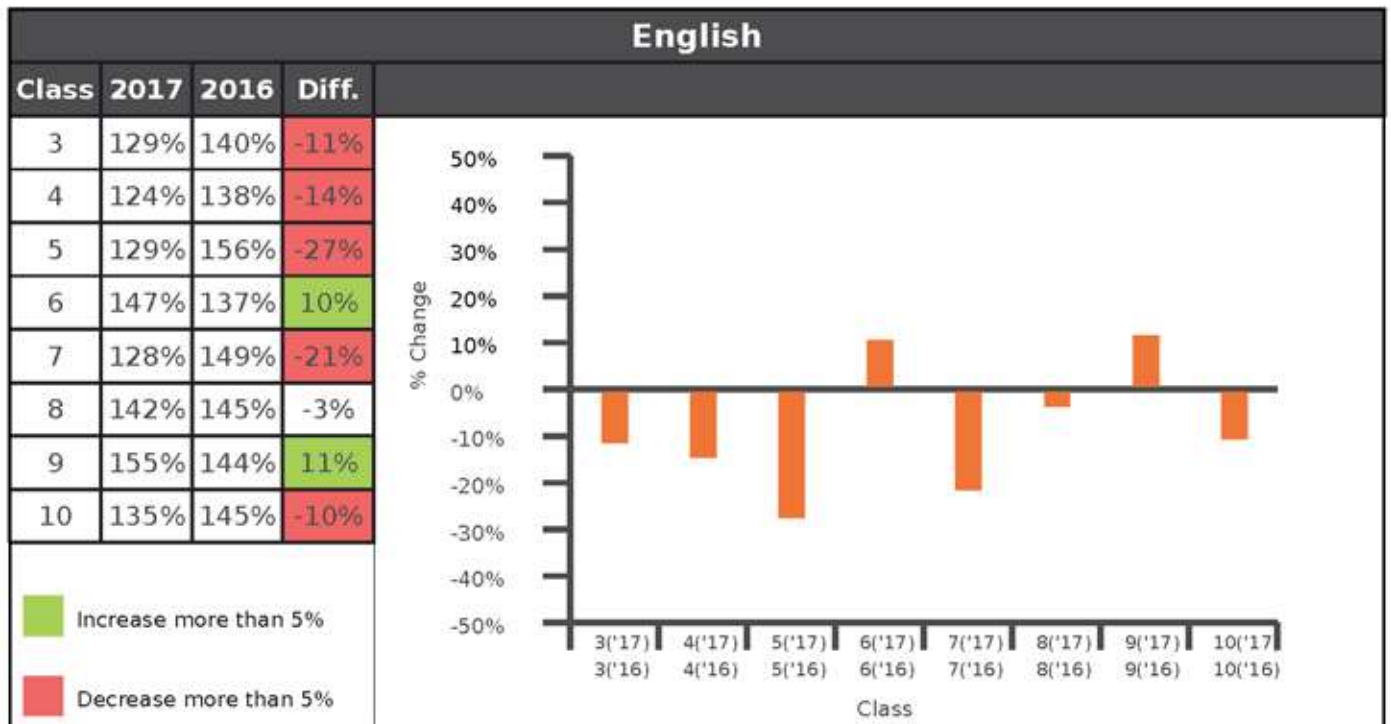
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Class Performance - Current vs. Previous

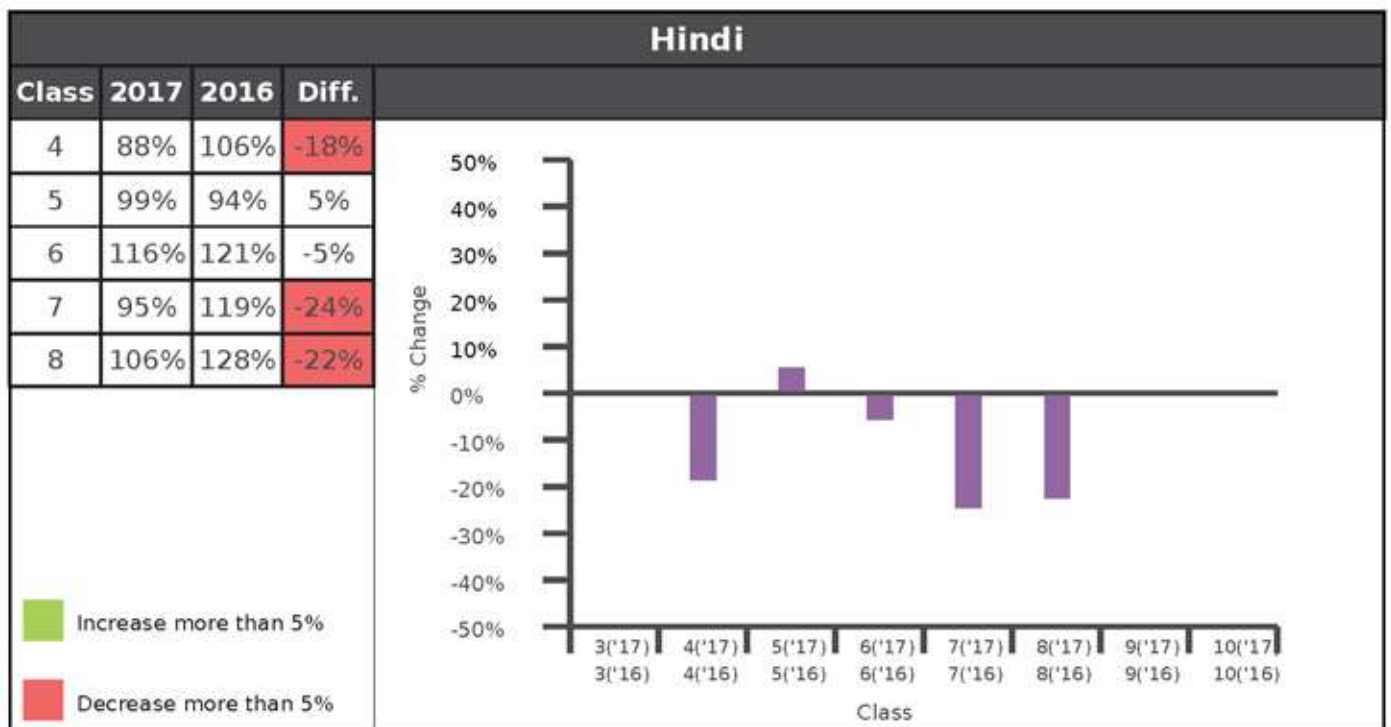
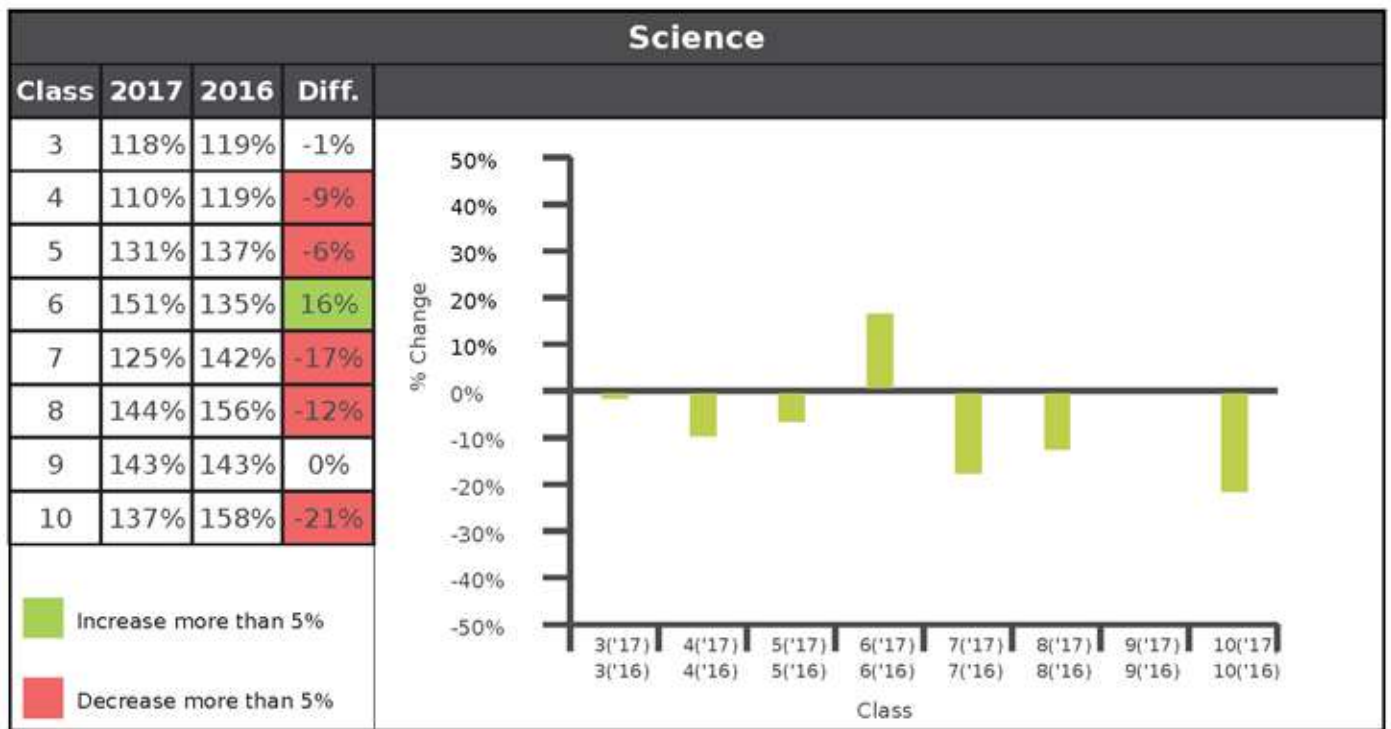
Comparing the performance of the **same class of students** across two consecutive years



Note 1: The national-level benchmarking of the same class of students - for example, those who were in class 3 last year and those who are in class 3 currently - is compared across consecutive years.

Note 2: Data of previous year may differ by up to 3% due to delayed responses received from some schools.

Note 3: Year-on-year performance is Not Available(NA) as there has been a change in mode of conduction of ASSET (computer based last year to pen-and-paper this year).



Note 1: The national-level benchmarking of the same class of students - for example, those who were in class 3 last year and those who are in class 3 currently - is compared across consecutive years.

Note 2: Data of previous year may differ by up to 3% due to delayed responses received from some schools.

Note 3: Year-on-year performance is Not Available(NA) as there has been a change in mode of conduction of ASSET (computer based last year to pen-and-paper this year).

National Benchmarking - Classes

Benchmarked with **all schools** that have participated in ASSET Winter 2017

Total participating schools: **339**

Total participating students: **111,416**

Class	English	Maths	Science	Social Studies	Hindi	Students
3	129%	124%	118%	-	-	24
4	124%	138%	110%	-	88%	28
5	129%	146%	131%	-	99%	27
6	147%	186%	151%	-	116%	26
7	128%	139%	125%	-	95%	26
8	142%	139%	144%	117%	106%	27
9	155%	161%	143%	-	-	27
10	135%	113%	137%	-	-	30

Above average (>105%)
 Within average range (95% to 105%)
 Below average (<95%)

The values in the table indicate performance as compared to the national average which is taken as 100%. The formula below shows how the national benchmarked performance is calculated.

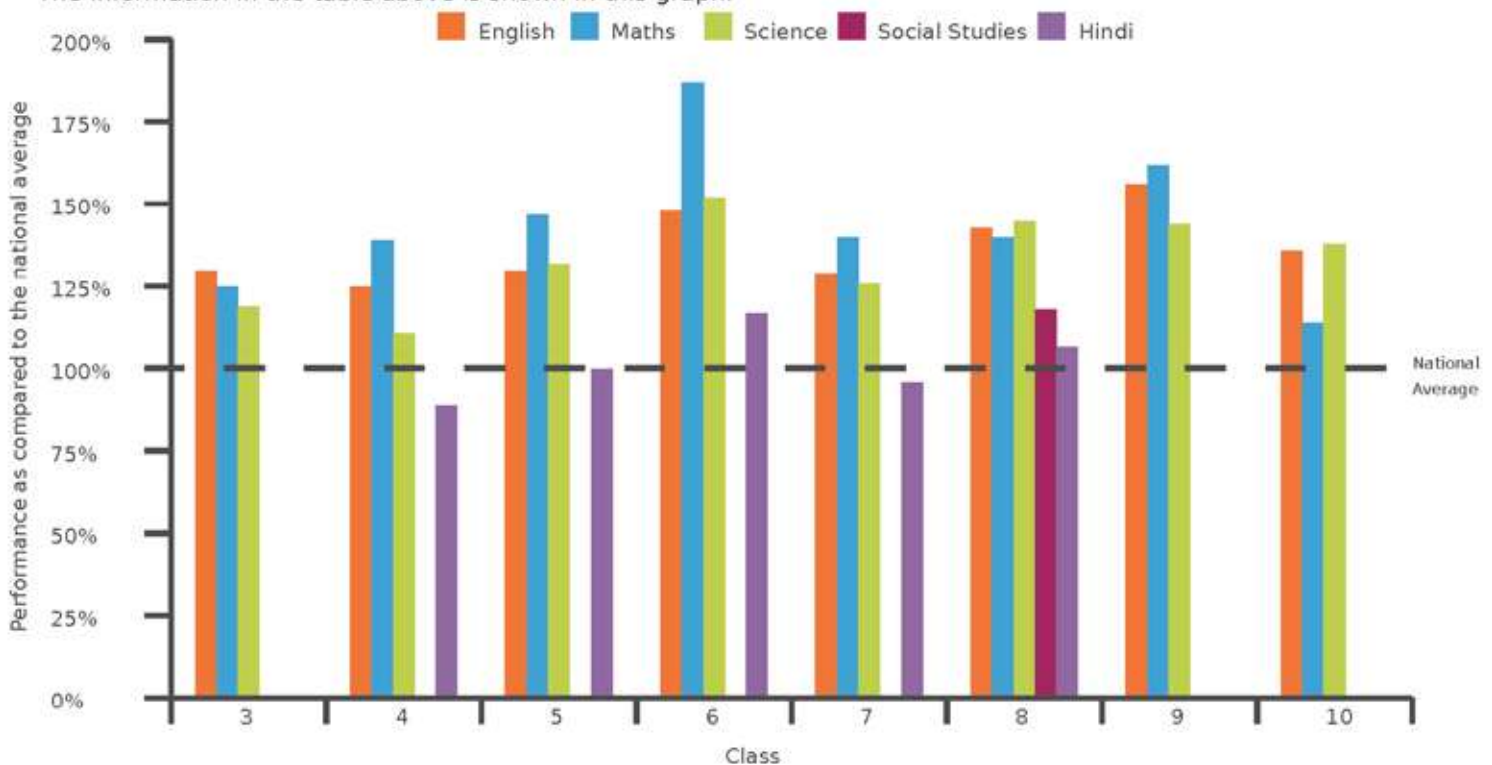
$$\text{National benchmarking \%} = \frac{\text{Class Average}}{\text{National Average}} \times 100$$

e.g. For a class average of 40% and national average of 60%, National benchmarking % = $\frac{40}{60} \times 100 = 67\%$

The last column shows the number of students who took ASSET tests for that class from your school.

Note: These numbers may vary up to 3% due to delayed responses received from some schools. The updated numbers would be used for all future year-on-year analyses.

The information in the table above is shown in this graph.






National Benchmarking - Sections

Benchmarked with **all schools** that have participated in ASSET Winter 2017

Class	English	Maths	Science	Social Studies	Hindi	Students
3-A	182%	160%	153%	-	-	1
3-E	59%	126%	100%	-	-	1
3-K	106%	109%	77%	-	-	1
3-*	131%	123%	119%	-	-	21

* Students who have not stated the section they belong to at the time of the test have been clubbed in this section

 Above average (>105%)  Within average range (95% to 105%)  Below average (<95%)

The values in the table indicate performance as compared to the national average which is taken as 100%. The formula below shows how the national benchmarked performance is calculated.

$$\text{National benchmarking \%} = \frac{\text{Section Average}}{\text{National Average}} \times 100$$

e.g. For a section average of 40% and national average of 60%, National benchmarking % = $\frac{40}{60} \times 100 = 67\%$

The last column shows the number of participating students that have provided section information at the time of the test.

Note: Only classes with minimum 2 participating sections are displayed above.

TOP-10 Benchmarking - Classes

Benchmarked with **the top-10 schools** that have participated in ASSET Winter 2017

Class	English	Maths	Science	Social Studies	Hindi	Students
3	86%	90%	86%	-	-	24
4	90%	92%	85%	-	87%	28
5	95%	103%	102%	-	99%	27
6	105%	122%	112%	-	118%	26
7	91%	97%	93%	-	95%	26
8	103%	100%	107%	112%	106%	27
9	122%	120%	119%	-	-	27
10	111%	94%	116%	-	-	30

Above average (>105%)
 Within average range (95% to 105%)
 Below average (<95%)

The values in the table indicate performance as compared to the Top-10 performing schools.

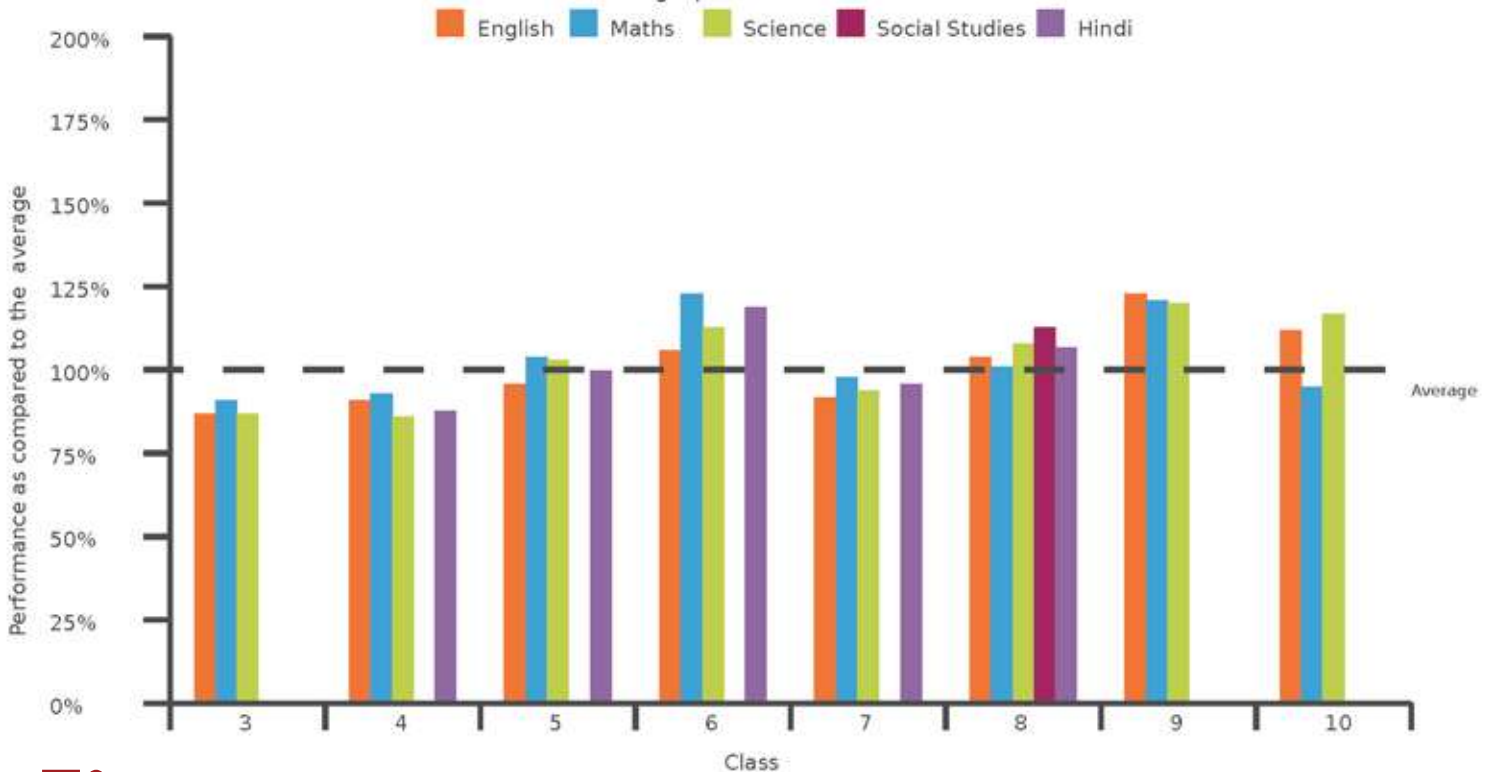
$$\text{Top-10 benchmarking \%} = \frac{\text{Class Average}}{\text{Top-10 Average}} \times 100$$

e.g. For a class average of 40% and top-ten average of 60%, Top-10 benchmarking % = $\frac{40}{60} \times 100 = 67\%$

The last column shows the number of students who took ASSET tests for that class from your school.

Note: These numbers may vary up to 3% due to delayed responses received from some schools. The updated numbers would be used for all future year-on-year analyses.

The information in the table above is shown in this graph.



Regional Benchmarking - Classes

Benchmarked with **all schools in the West region** that have participated in ASSET Winter 2017

Total participating schools: **136**

Total participating students: **28,641**

Class	English	Maths	Science	Social Studies	Hindi	Students
3	121%	116%	112%	-	-	24
4	115%	128%	105%	-	92%	28
5	122%	133%	125%	-	98%	27
6	142%	172%	142%	-	112%	26
7	124%	132%	119%	-	91%	26
8	138%	131%	134%	112%	98%	27
9	145%	144%	134%	-	-	27
10	145%	116%	141%	-	-	30

Above average (>105%)
 Within average range (95% to 105%)
 Below average (<95%)

The values in the table indicate performance as compared to the regional average which is taken as 100%. The formula below shows how the regional benchmarked performance is calculated.

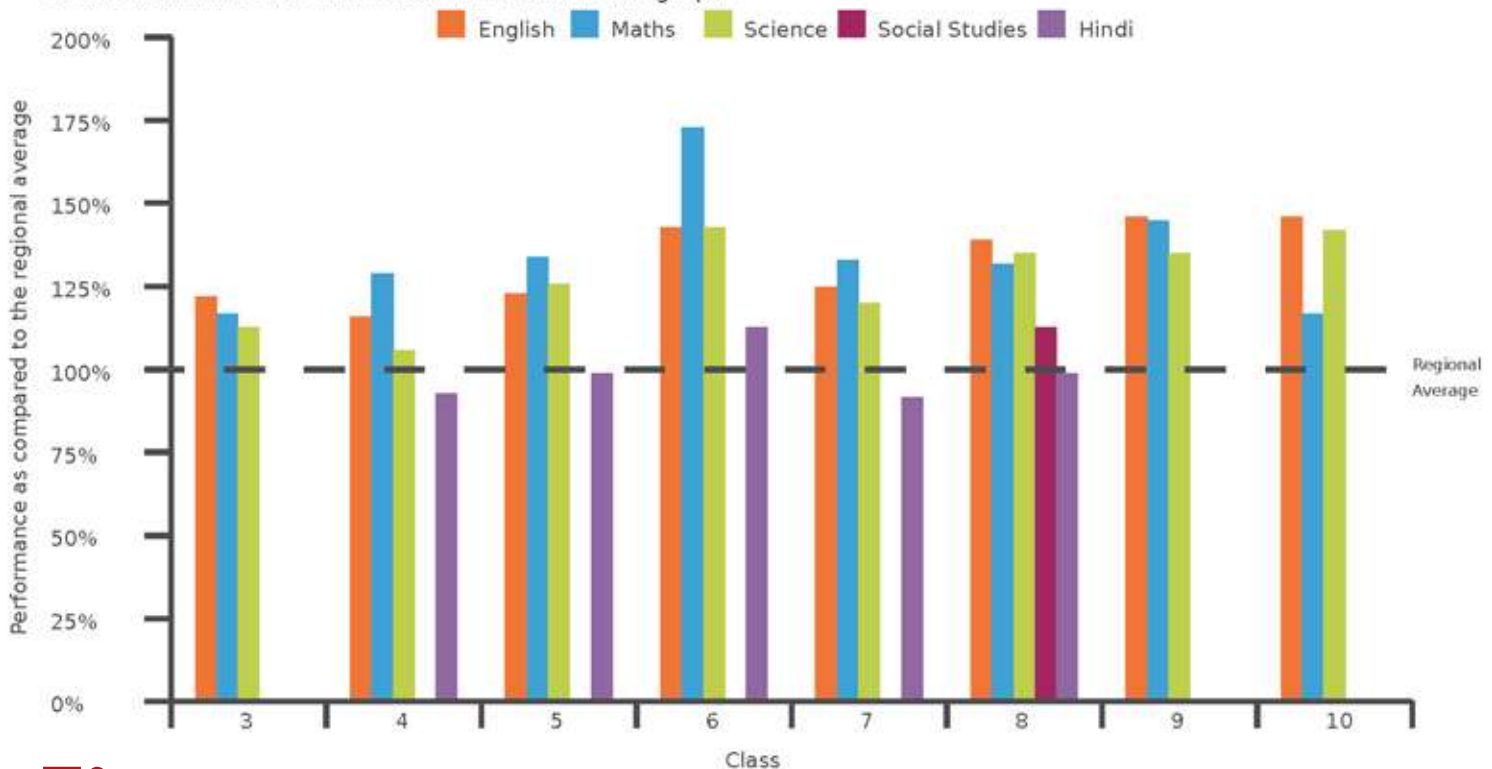
$$\text{Regional benchmarking \%} = \frac{\text{Class Average}}{\text{Regional Average}} \times 100$$

e.g. For a class average of 40% and regional average of 60%, Regional benchmarking % = $\frac{40}{60} \times 100 = 67\%$

The last column shows the number of students who took ASSET tests for that class from your school.

Note: These numbers may vary up to 3% due to delayed responses received from some schools. The updated numbers would be used for all future year-on-year analyses.

The information in the table above is shown in this graph.



STATE Benchmarking - Classes

Benchmarked with **all schools in Gujarat** that have participated in ASSET Winter 2017

Total participating schools: **62**

Total participating students: **9,795**

Class	English	Maths	Science	Social Studies	Hindi	Students
3	127%	115%	113%	-	-	24
4	119%	123%	106%	-	86%	28
5	126%	127%	121%	-	93%	27
6	146%	164%	136%	-	103%	26
7	127%	124%	116%	-	88%	26
8	144%	124%	132%	111%	93%	27
9	151%	140%	132%	-	-	27
10	135%	111%	131%	-	-	30

Above average (>105%)
 Within average range (95% to 105%)
 Below average (<95%)

The values in the table indicate performance as compared to the state average which is taken as 100%. The formula below shows how the state benchmarked performance is calculated.

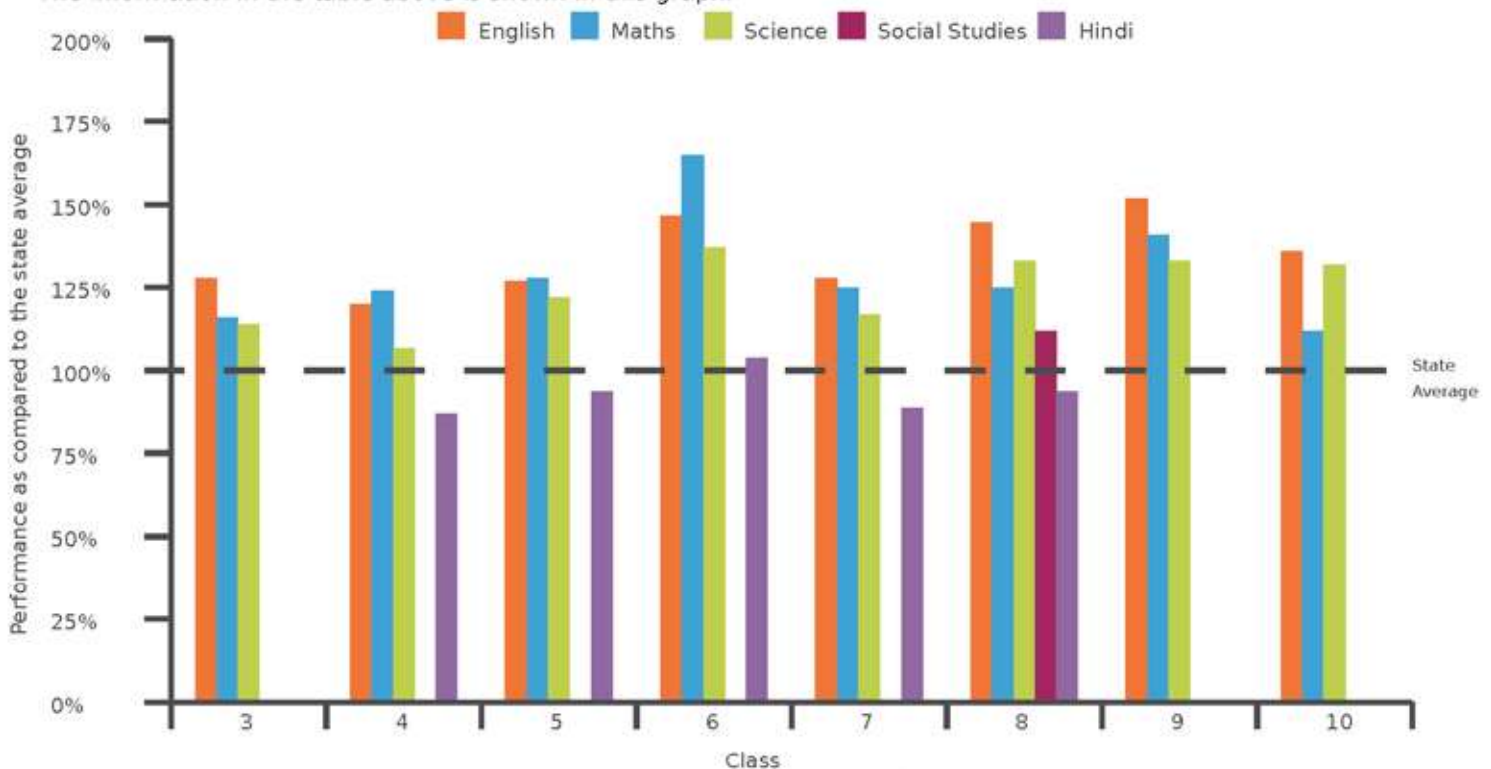
$$\text{State benchmarking \%} = \frac{\text{Class Average}}{\text{State Average}} \times 100$$

e.g. For a class average of 40% and state average of 60%, State benchmarking % = $\frac{40}{60} \times 100 = 67\%$

The last column shows the number of students who took ASSET tests for that class from your school.

Note: These numbers may vary up to 3% due to delayed responses received from some schools. The updated numbers would be used for all future year-on-year analyses.

The information in the table above is shown in this graph.



METRO Benchmarking - Classes

Benchmarked with **all schools in Mumbai (your nearest metro)** that have participated in ASSET Winter 2017

Total participating schools: **46**

Total participating students: **11,951**

Class	English	Maths	Science	Social Studies	Hindi	Students
3	109%	109%	108%	-	-	24
4	107%	124%	103%	-	85%	28
5	112%	127%	121%	-	86%	27
6	131%	165%	137%	-	105%	26
7	115%	129%	118%	-	79%	26
8	127%	124%	128%	112%	85%	27
9	133%	139%	131%	-	-	27
10	146%	109%	146%	-	-	30

Above average (>105%)
 Within average range (95% to 105%)
 Below average (<95%)

The values in the table indicate performance as compared to the metro average which is taken as 100%. The formula below shows how the metro benchmarked performance is calculated.

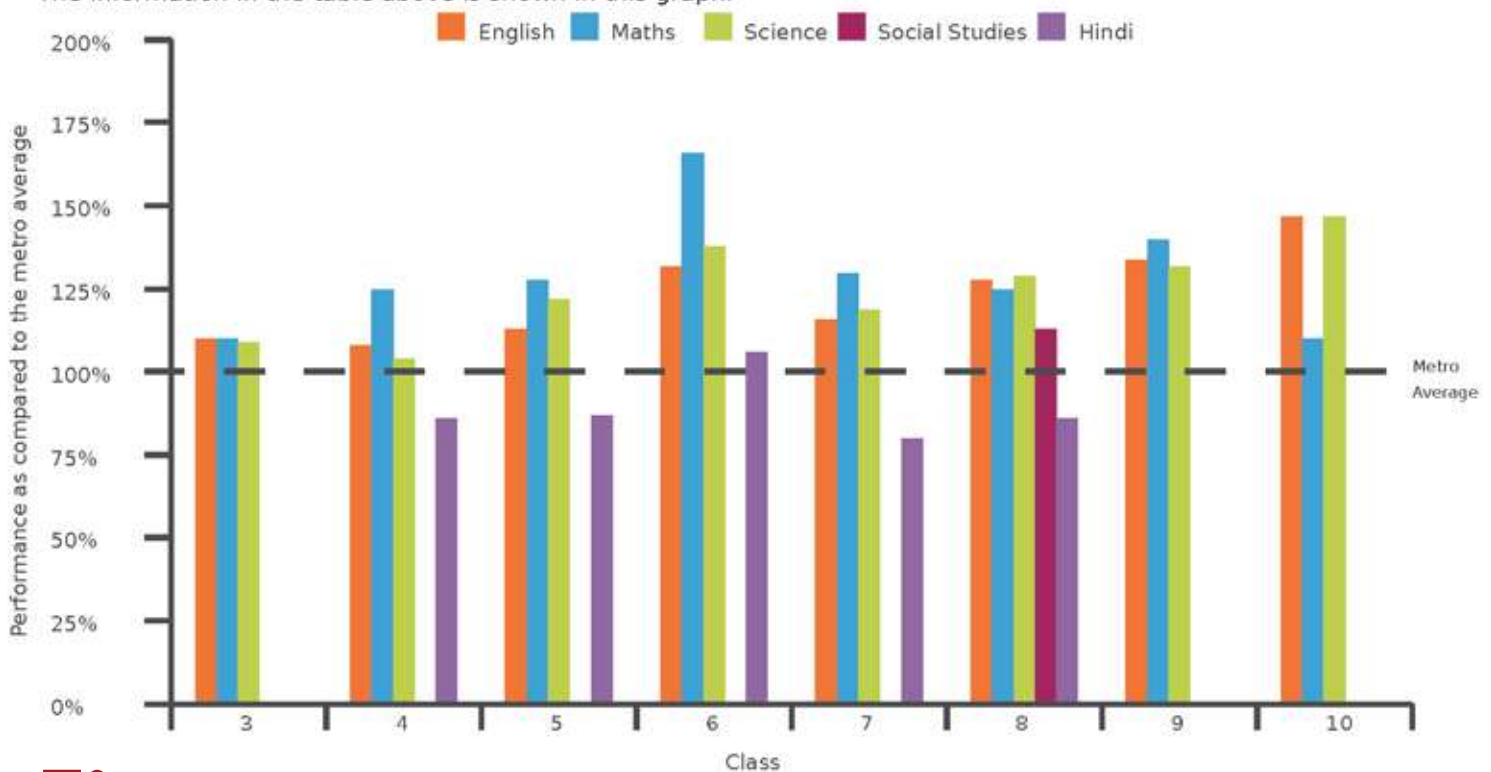
$$\text{Metro benchmarking \%} = \frac{\text{Class Average}}{\text{Metro Average}} \times 100$$

e.g. For a class average of 40% and metro average of 60%, Metro benchmarking % = $\frac{40}{60} \times 100 = 67\%$

The last column shows the number of students who took ASSET tests for that class from your school.

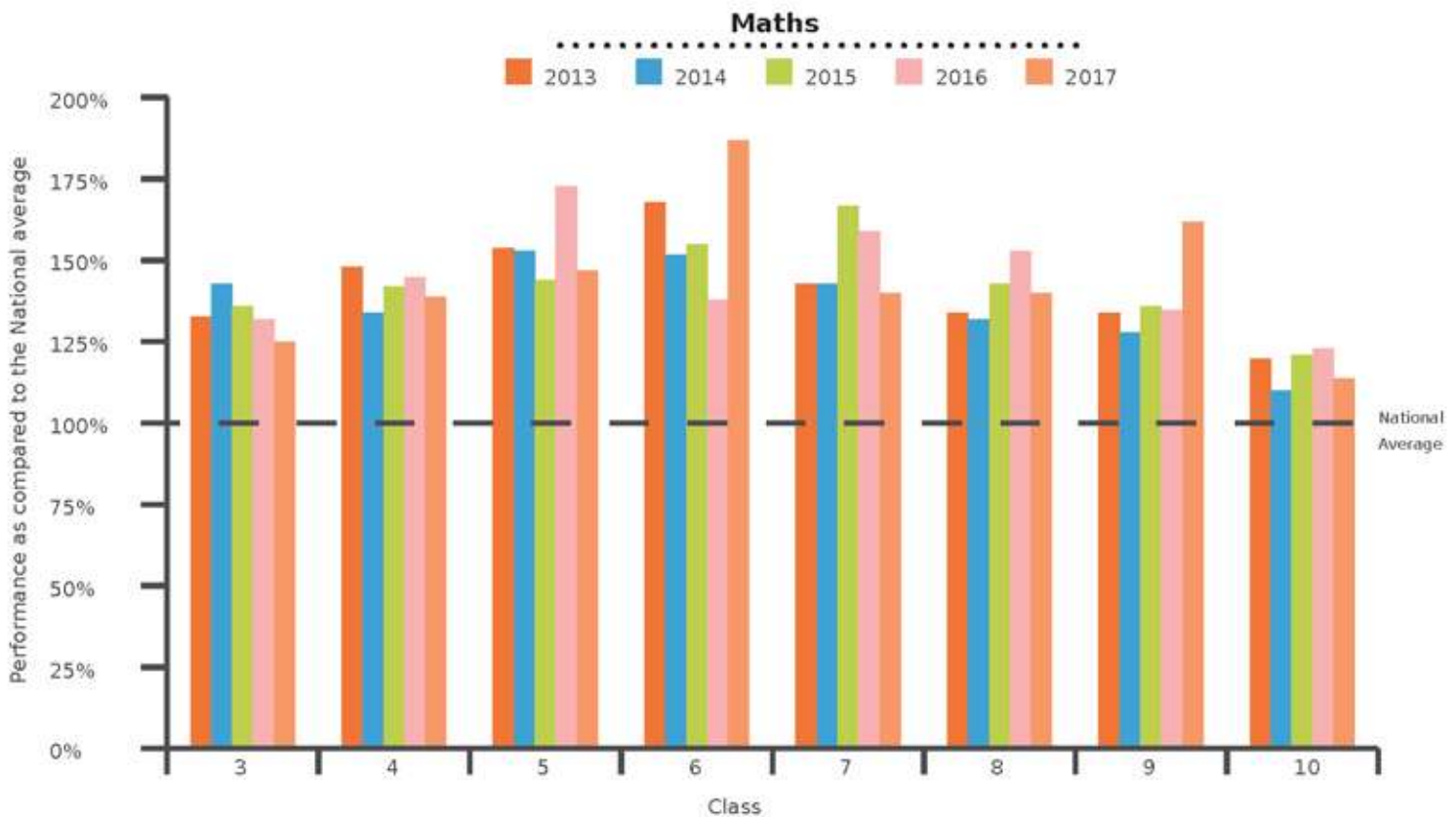
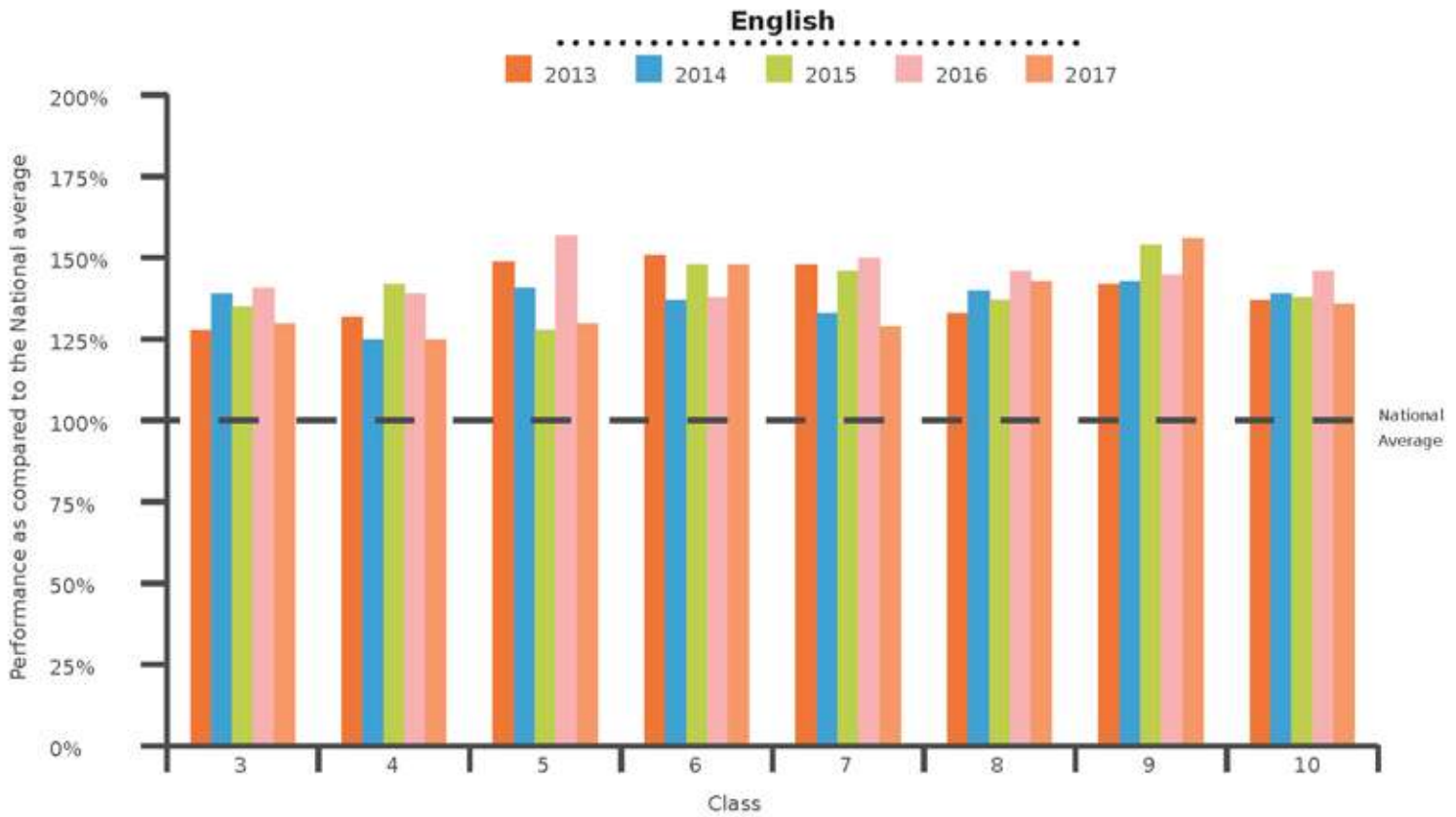
Note: These numbers may vary up to 3% due to delayed responses received from some schools. The updated numbers would be used for all future year-on-year analyses.

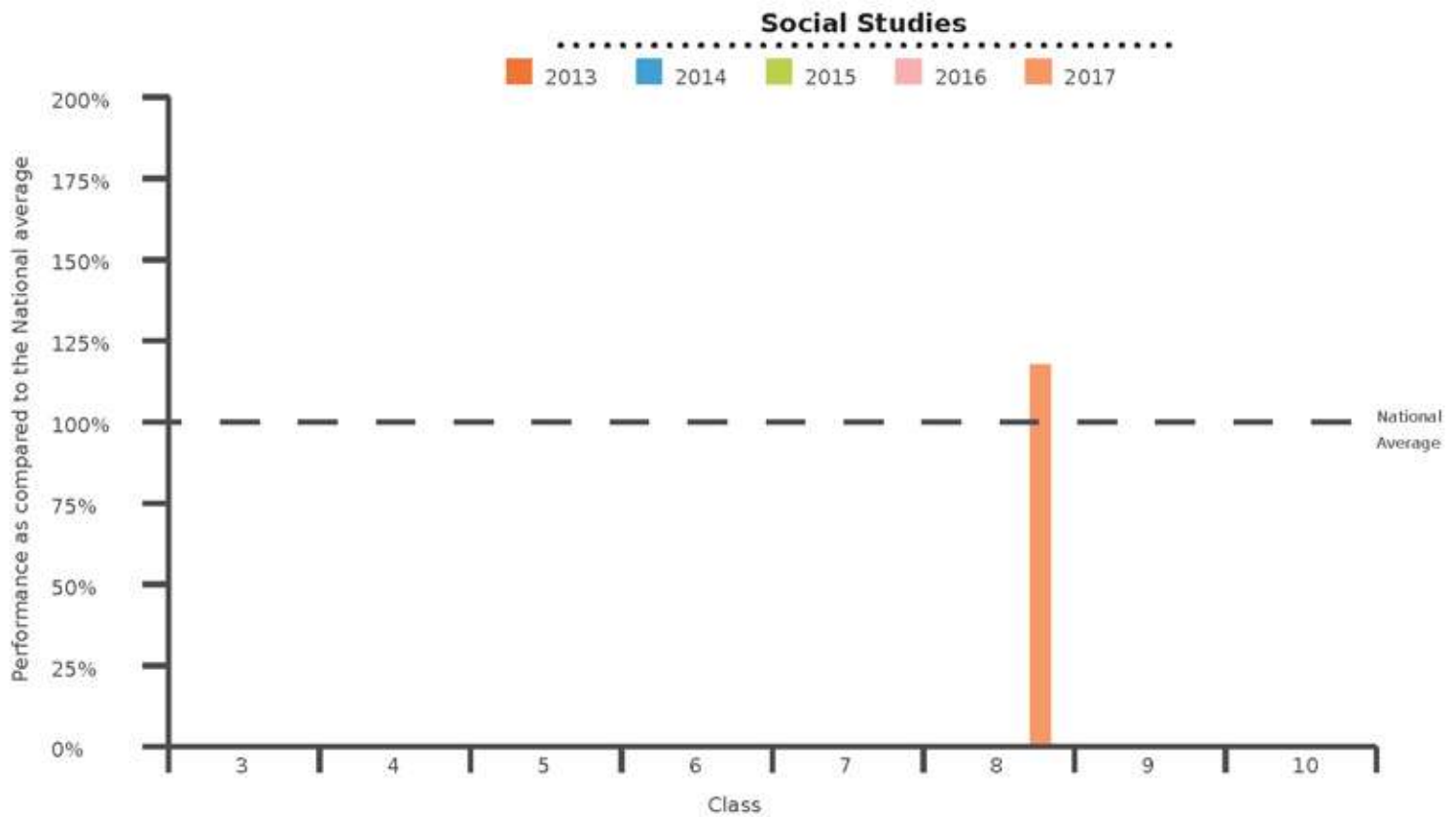
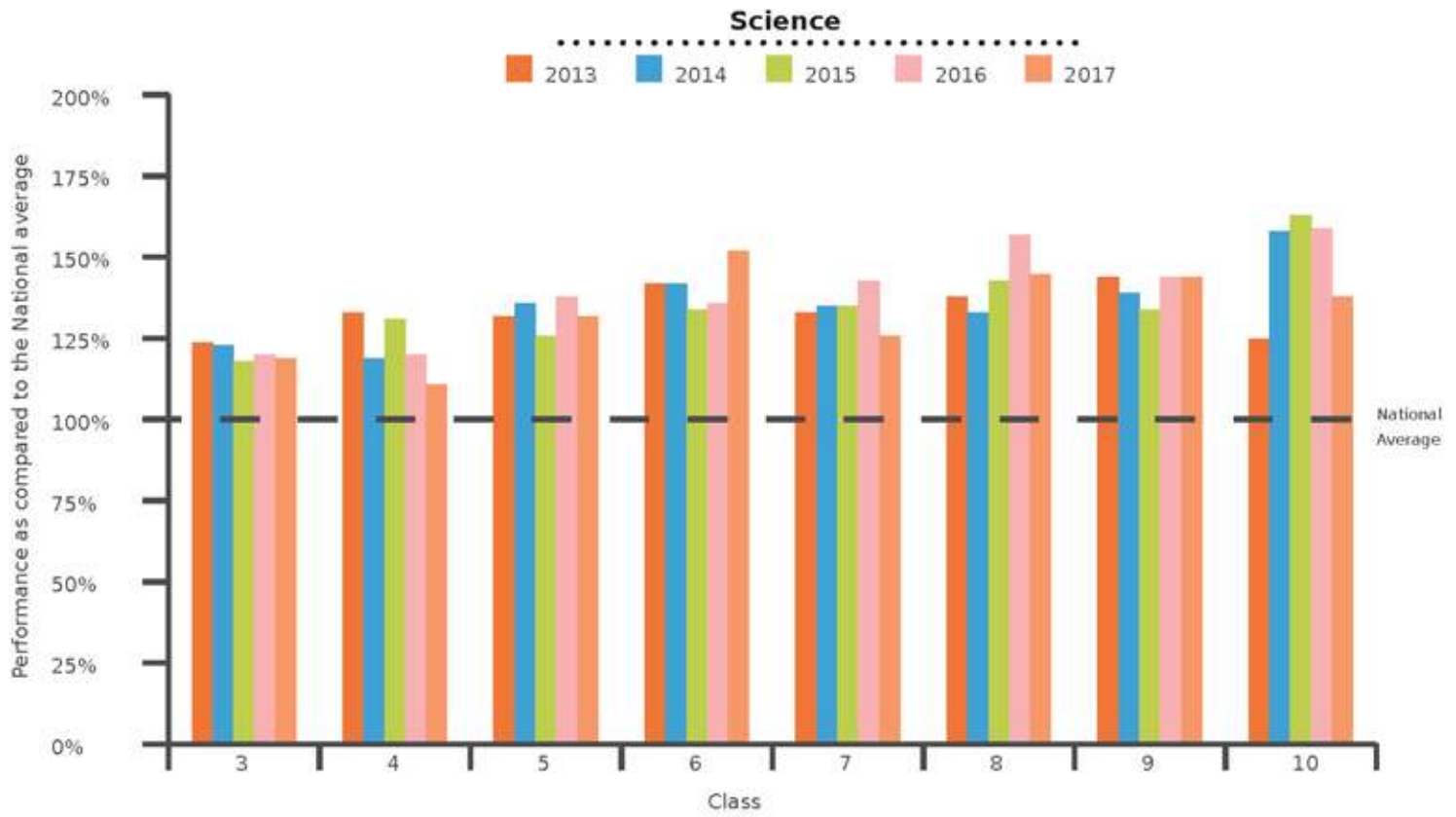
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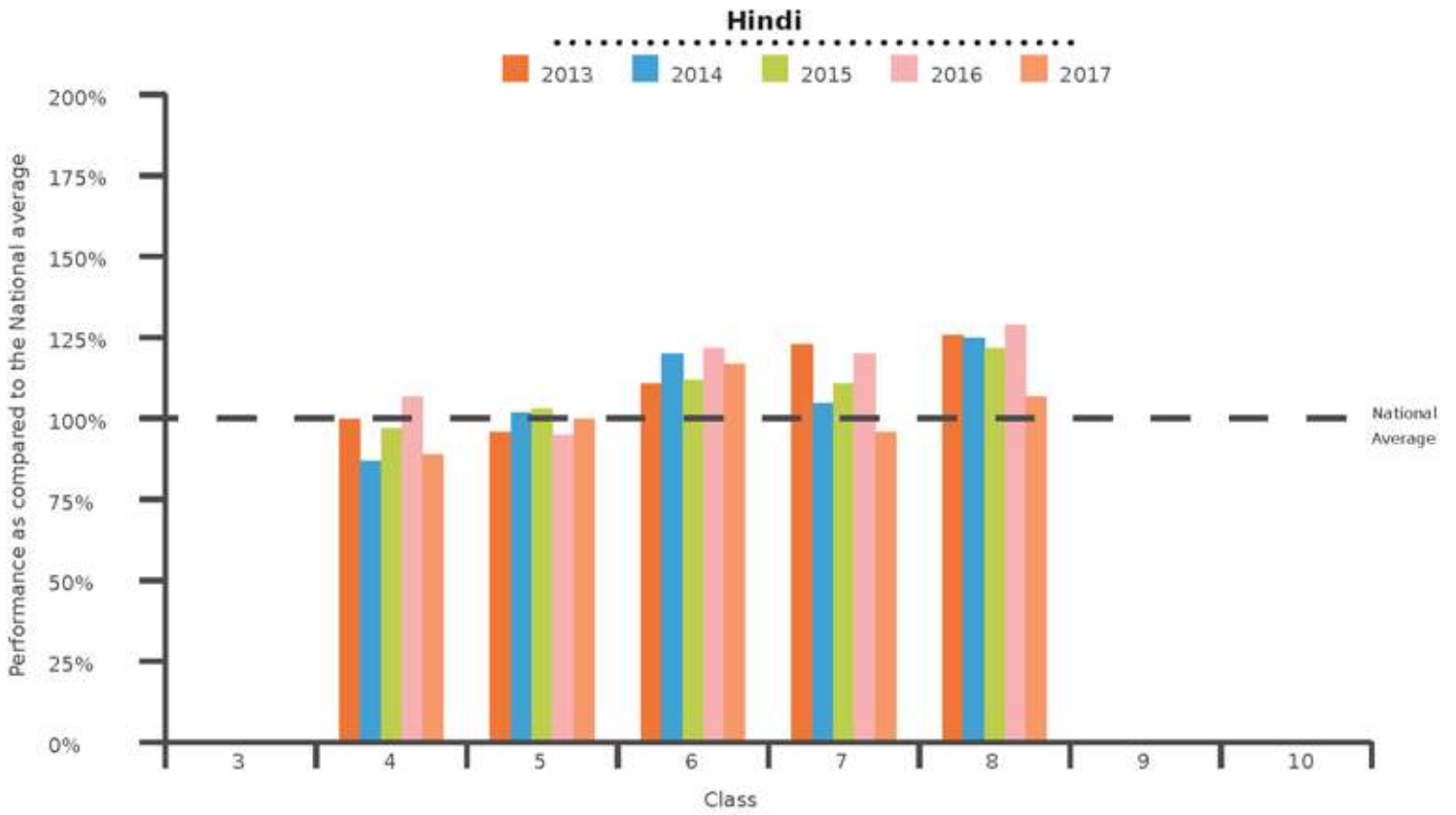


Consecutive Performance Summary

Summary of your school performance over the last 5 consecutive years







Note: Data of previous year may differ by up to 3% due to delayed responses received from some schools.



Ei Mindspark

Ei Mindspark is a personalised learning software that allows children to effectively advance at their own pace. Everyday, Ei Mindspark delivers over 2 million questions, and the data collected is used to enhance the child's learning pathway.

Ei Mindspark

Maths

Aligned to CBSE, ICSE, IGCSE, Common Core State Standards (U.S curriculum), CAPS (South African curriculum)

Available for classes 1 - 10

Ei Mindspark

English

Follows international learning and literacy standards

Available for classes 3-9

Ei Mindspark

Science

Aligned to CBSE and ICSE

Available for classes 6-10

Ei Mindspark is recognised by the world



**HARVARD
BUSINESS SCHOOL**

Ei Mindspark has been part of the HBS CASE Citation
Cole, Shawn, and Tony L. He. "Ei Mindspark: Improving Educational Outcomes in India." Harvard Business School Case 217-060, March 2017.



Ei Mindspark selected as a top innovation for ICT in education award in 2018 & 2019 for use of Artificial Intelligence to improve teacher learning processes & was a Finalist of the UNESCO King Hamad Bin Isa Al-Khalifa Prize"



J-PAL

Abdul Latif Jameel Poverty Action Lab (J-PAL)

In independent research led by Economist Karthik Muralidharan from J-PAL South Asia has proved that Ei Mindspark is a top-notch ed-tech solution to improve elementary education. A randomized control trial (RCT) of Ei Mindspark by J-PAL shows 2-2.5x gains in students' learning outcomes relative to control schools and a 7-8x gain in DIB Lucknow.



One of the interventions tried in Rajasthan- Ei Mindspark, which is run by a private company, has proved effective with science and math learning for kids. It identifies the stage at which the child is and takes him or her to the next level through a personalised learning journey.

– **Nobel Laureate, Abhijit V Banerjee**
Professor of Economics at MIT and
Co-Chair of the Global Education Evidence Advisory Panel



I saw the potential in using Ei Mindspark. So we took it and there was no looking back. Mindspark is hugely popular with the parents, the children and the teachers. Though we have changed many other resources, Mindspark has stayed.

– **Asha Alexander**
Principal at GEMS Legacy School, Dubai



Comprehensive Assessment, Reports and Evaluation for Schools

Helping schools re-imagine and re-define assessments, end-to-end.

Ei's Comprehensive Assessment, Reports and Evaluation for Schools (Ei CARES) is a unique assessment package scientifically designed to replace conventional assessments, and free up crucial time for teachers, thus allowing to identify gaps and act on them with empirical data.

- > Chapter-wise class, unit and end term assessments with high-quality questions
- > Available for grades 3 to 10
- > Covers English, Maths, Science, Social Science and Hindi
- > Customisable assessment papers
- > Online and offline options for conducting assessments
- > Evaluation rubrics for standardised correction
- > Digital evaluation of student responses
- > Class-level and student-level report with remediation support on critical questions

Request for a demo by visit:

<https://www.ei-india.com/demo>

For any queries, do write to us at

info@ei-india.com



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and present in
19 Countries

Treasure house of
5 Billion
Data Points

Assisted
15000+ Teachers
for classroom remediation
with Ei Cares

2 Million+
questions delivered every day
on Ei-Mindspark

Personalised Maths learning for
500,000+
students with Ei Mindspark

14 Million+
students assessed with Ei ASSET

Conducted
300+
CSR Projects



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