**Contents**

|  |  |  |
| --- | --- | --- |
| **Sl No** | **Details** | **Page No** |
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |
| 5 | 5 | 5 |
| 6 | 6 | 6 |
| 7 | 7 | 7 |
| 8 | 8 | 8 |
| 9 | 9 | 9 |
| 10 | 10 | 10 |
| 11 | 11 | 11 |
| 12 | 12 | 12 |
| 13 | 13 | 13 |
| 14 | 14 | 14 |
| 15 | 15 | 15 |
| 16 | 16 | 16 |
| 17 | 17 | 17 |
| 18 | 18 | 18 |
| 19 | 19 | 19 |
| 20 | 20 | 20 |

**Annual Performance Report 2023-24**

1. The Impact of SKILLANGELS

The academic year 2023-24 has been challenging in many respects, with schools trying to find the right blend of skill-building and concept progression at every stage and grade. EDSIX BRAINLAB has strengthened the efforts of **School name** by getting students on the SKILLANGELS platform to perform at their cognitive best.

Before the details of this impact are shared, we are happy to present the most relevant and essential findings of your students.



These critical data points highlight the impact that SKILLANGELS has had on the students at **School name**.This data has also highlighted the following:

|  |
| --- |
| * Performance is interrelated with continuous student-engagement. * Students can climb the Cognitive Ladder effectively & steadily. * Progression in multiple skillsets is evident and measurable. |

Edsix team is proud to present this evidence-based report, which will pave way for further understanding and use of cognitive skilling that is essential to future-proof today's young learners.

1.1 Aligning SKILLANGELS with other academic records:

While highlighting the impact of this program, it would be relevant to note that Cognitive Upskilling gains a high level of attention and importance in the context of the current CBSE curriculum. The shift towards the Competency-based Learning & Assessment model that has been advocated by the **New Education Policy** and the CBSE ensures that every child is given the support and the opportunity to enhance **Higher Order Thinking Skills**, thereby working towards competency and mastery in a subject. All teaching and learning efforts are outcome-based, leading to the need for a program that can be evidence for measurable achievements. With this program and quantifiable results, there is a clear indication of the continuum that every child moves on to help multiple stakeholders keep track at every stage.

The SKILLANGELS CAUP scaffolds the learning process by providing an engaging and supportive platform in the learning cycle. For this precise reason, the data generated in this report should be viewed along with other academic records to get a comprehensive view of the student's achievements.

**Important terms in this report**

|  |  |
| --- | --- |
| **CAUP** | COGNITIVE ABILITIES UPSKILLING PROGRAM |
| **IA & PPA** | Initial Assessment & Post Program Assessment |
| **BSPI** | BRAIN SKILL POWER INDEX- An average measure of Cognitive Brain Skills across 5 core areas: Memory, Visual Processing, Focus & Attention, Problem Solving, and Linguistics |

**2.Program Overview**

|  |  |
| --- | --- |
| Program name: | SKILLANGELS – COGNITIVE ABILITIES UPSKILLING PROGRAM |
| Program Start Date: | 17/6/2023 |
| Number of students enrolled | 329 |
| Number of students who have completed the PPA | 329 |
| Grades in which the program has been conducted | III, IV, V, VI, VII, VIII |
| Reporting Period: | March 2024 |

At EDSIX BRAINLAB we work to help children develop cognitive skills and become 21st century learners. We take pride in our collaboration with **School name**, marking a significant endeavor. This aims to contribute to academic excellence and community engagement.

**Initial Assessment** (IA) was conducted in June 2023 to establish the baseline of the student’s skill level at the start of the **SKILLANGELS - COGNITIVE ABILITIES UPSKILLING PROGRAM (CAUP). Post-Program Assessment**(PPA) was conducted at the end of the school year in March 2024. The progress of every learner is tracked right through the program and the progress can be observed on the Admin Portal.

**(PPA) was conducted at the end of the school year in March 2024. The progress of every learner is tracked right through the program and the progress can be observed on the Admin Portal.**



|  |  |  |
| --- | --- | --- |
| **Minutes Trained** | **Puzzles Attempted** | **Puzzles Solved** |
| **49717** | **929189** | **483283** |

**2.1 Skill Progression & Brain Skill Power Index (BSPI) Comparison**

|  |  |  |  |
| --- | --- | --- | --- |
| **BSPI Score Range** | **Description** | **Number of students in IA** | **Number of students in PPA** |
| > 80 | Prodigy! This is fantastic. Keep it up and take it further! | 0 (0.00%) | 1 (0.30%) |
| > 60 and <= 80 | You have a spark. A little more determination and you will be there! | 21 (6.38%) | 65 (19.76%) |
| > 40 and <= 60 | The intervention will enhance academic performance. A slight push is all that is needed! | 93(28.27%) | 168 (51.06%) |
| > 20 and <= 40 | Needs Immediate Intervention. You can surely do it! Mistakes are the steppingstones to success. | 186 (56.53%) | 81 (24.62%) |
| <= 20 | Rigorous and immediate intervention is needed. But don't feel low – You can certainly improve! | 29 (8.81%) | 14 (4.26%) |
|  | **Number of students who have completed the Program** | **329** | **329** |

The remarkable improvement observed in students' performance is evident. Initially, 114 students, representing 35% of the total, were classified in the top bands of BSPI during the initial assessment. However, this figure rose to 234 students, accounting for 71% of the total, in the post-assessment phase. This substantial increase suggests a notable enhancement in students' abilities over the course of the assessment period.

**We congratulate the students and teachers on this excellent performance.**



**2.1 Skill Progression & Brain Skill Power Index (BSPI) Comparison**

The overall school average BSPI has increased from **36.56 to 47.69**.

Continuous tracking of student engagement and performance has shown that every student who consistently uses the platform is able to move ahead steadily and achieve significantly higher scores from the beginning to the end of the program.

In expressing gratitude for the teachers' commendable efforts in this academic year, we encourage sustained and uplifting support for every student to actively participate and engage with the program. This would definitively show positive results not just in cognitive skill building but in academic performance as well.



**3. A high-level overview of Assessment results 3.1 BSPI comparison across grades:**

Since the **IA**,students have improved in their overall skill proficiency on average, which is indicated in the table below. Students who have completed fewer than eight sessions were not considered for this analysis since they would not have had enough practice to make a meaningful comparison.

Over the course of the academic year, noticeable improvement in the average BSPI has been evident across ALL grades from the beginning to the end.

|  |
| --- |
|  |

The visible improvement from initial assessment to post program assessment indicates a positive impact of the CAUP training, demonstrating its effectiveness in enhancing students' skill sets.

This positive trend underscores the collective progress and proficiency development observed across various aspects of learning. Congratulations!

**3.2 BSPI improvement for each grade:**



The data below shows the BSPI improvement for each grade.

This report is analyzed based on the number of students who have taken both the **IA** as well as the **PPA.**

The total number of students who have taken both is **329**.(as on **March-24**).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade III** | <= 20 | 21-40 | 41-60 | 61-80 | > 80 |
| Initial Assessment | 7 | 39 | 14 | 3 | 0 |
| **Post Program Assessment** | 1 | 8 | 32 | 22 | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade IV** | <= 20 | 21-40 | 41-60 | 61-80 | > 80 |
| Initial Assessment | 6 | 33 | 17 | 2 | 0 |
| **Post Program Assessment** | **1** | **21** | **28** | **8** | **0** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade V** | <= 20 | 21-40 | 41-60 | 61-80 | > 80 |
| Initial Assessment | 2 | 45 | 20 | 2 | 0 |
| **Post Program Assessment** | **2** | **14** | **41** | **12** | **0** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade VI** | <= 20 | 21-40 | 41-60 | 61-80 | > 80 |
| Initial Assessment | 3 | 23 | 25 | 7 | 0 |
| **Post Program Assessment** | **1** | **11** | **33** | **13** | **0** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade VII** | <= 20 | 21-40 | 41-60 | 61-80 | > 80 |
| Initial Assessment | 0 | 15 | 14 | 7 | 0 |
| **Post Program Assessment** | **1** | **4** | **20** | **10** | **1** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Grade VIII** | <= 20 | 21-40 | 41-60 | 61-80 | > 80 |
| Initial Assessment | 11 | 31 | 3 | 0 | 0 |
| **Post Program Assessment** | **8** | **23** | **14** | **0** | **0** |

**3.3 Highly gifted students - Prodigies - > 80 PPA BSPI:**

Congratulations to our highly gifted student, the prodigies with PPA BSPI scores exceeding 80, on her promising improvement! Keep up the exceptional work and continue to shine brightly!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Highly gifted students - Prodigies - > 80 PPA BSPI | | | | |
| **S.NO** | **Student Name** | **Grade** | **Section** | **PPA - BSPI** |
| 1 | SAHAANA | 7 | A | 89.6 |

**3.4 Future Achievers - 70-80 PPA BSPI:**

Best wishes to our future achievers, those with PPA BSPI scores ranging from 70 to 80, for their significant improvement! With further training, they are destined to become the stars of tomorrow. Keep up the great work!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Future Achievers - 70 to 80 PPA BSPI | | | | |
| **S.NO** | **Student Name** | **Grade** | **Section** | **PPA - BSPI** |
| 1 | DHAKSHANA | 3 | A | 72 |
| 2 | NAVYASREE | 3 | A | 70.4 |
| 4 | PAVITHRA | 3 | A | 70 |
| 4 | SHANMUGAPRIYA | 3 | B | 77.6 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Future Achievers - 70 to 80 PPA BSPI | | | | |
| **S.NO** | **Student Name** | **Grade** | **Section** | **PPA - BSPI** |
| 5 | TEJASHWIN | 3 | B | 72.2 |
| 6 | THANUSHREE | 3 | B | 71 |
| 7 | SAKTHI KARNIKA | 4 | A | 73.4 |
| 8 | HEMADHARSHINI | 4 | B | 75.4 |
| 9 | DHARNEESH | 4 | B | 72.8 |
| 10 | KESAV | 5 | A | 79.2 |
| 11 | VISHNUVARTHAN | 5 | A | 70.6 |
| 12 | THISANTH | 5 | B | 75.8 |
| 13 | KRISHNA KANNIKA | 5 | B | 74 |
| 14 | AKSHAYA KEERTHI | 6 | A | 76.2 |
| 15 | VIDHARSHANA | 6 | B | 79.2 |
| 16 | JOSHNI SREE | 6 | B | 76.4 |
| 17 | NIVEDHA | 6 | B | 72 |
| 18 | UMMUL AYISHA | 7 | A | 79 |
| 19 | DHAANYA | 7 | A | 75.6 |
| 20 | DEVESH KUMAR | 7 | A | 73.8 |
| 21 | SANJAI | 7 | A | 73.6 |
| 22 | GOPIKA | 7 | A | 71.6 |

**3.5 Growing Stars - <= 20 PPA BSPI:**

These students (<= 20 BSPI) require immediate attention for the improvement. With proper training, they are certain to advance to higher bands like their peers. Wishing them the very best as they embark on their path to success!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Growing Stars- <= 20 PPA BSPI | | | | |
| **S.NO** | **Student Name** | **Grade** | **Section** | **PPA - BSPI** |
| 1 | ARUNKAARTHI | 3 | B | 8.4 |
| 2 | CHERAN | 4 | B | 20 |
| 3 | MOHAN KUMAR | 5 | A | 15.6 |
| 4 | RAMAVARSHAN | 5 | A | 19.6 |
| 5 | SABARIVASAN | 6 | B | 14.4 |
| 6 | SASHVINTH | 7 | A | 16.4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Growing Stars- <= 20 PPA BSPI | | | | |
| **S.NO** | **Student Name** | **Grade** | **Section** | **PPA - BSPI** |
| 7 | MLLER | 8 | A | 18 |
| 8 | SUBASH | 8 | A | 18.2 |
| 9 | PRAJITH | 8 | A | 18.6 |
| 10 | SARVESH VIJAY | 8 | B | 8 |
| 11 | RITHIKA SRI | 8 | B | 17 |
| 12 | PARTHIBAN | 8 | B | 17.2 |
| 13 | KAVIYA BHARATHI | 8 | B | 17.8 |
| 14 | KABIL | 8 | B | 19.8 |

**4 Skill Performance – Initial Vs.Post Program Assessment**



**The 5 essential skills that the Program tracks and measures.**

The chart below clearly shows the students' considerable improvement in each skill from the Initial Assessment to the Post Program Assessment.

Here is the graph comparing Initial vs Post Program Assessment:

|  |
| --- |
|  |

Students have achieved remarkable strides, showcasing a remarkable 49% boost in Memory skills, closely followed by an impressive 32% improvement in Focus and Attention & Linguistics skills.

**MEMORY**

The table below captures the number of students in each score category/band at two specific points in the program – at the beginning, the **IA**, and at the end, the  **PPA.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Score Range** | **Description** | **Number of students in IA** | **Number of students in PPA** |
| <=20 | Rigorous and immediate intervention needed | 149 | 90 |
| 21-40 | Needs intervention at the earliest | 100 | 88 |
| 41-60 | Intervention will enhance academic performance | 50 | 72 |
| 61-80 | Can be groomed to be highly successful | 27 | 53 |
| >80 | Prodigy – excellent performance! | 3 | 26 |

|  |
| --- |
|  |

At the commencement of the program, majority of students fell within the lower score bands. However, by the program's conclusion, a shift is seen, with a larger ratio of students moving into the higher score ranges. The 8% shift from initial to post assessment in >80 band indicates that in terms of MEMORY, the program has effectively helped a larger number of students in improving their skills.

**VISUAL PROCESSING**

The table below captures the number of students in each score category/band at two specific points in the program – at the beginning, the **IA**, and at the end, the  **PPA.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Score Range** | **Description** | **Number of students in IA** | **Number of students in PPA** |
| <=20 | Rigorous and immediate intervention needed | 44 | 32 |
| 21-40 | Needs intervention at the earliest | 90 | 56 |
| 41-60 | Intervention will enhance academic performance | 91 | 85 |
| 61-80 | Can be groomed to be highly successful | 81 | 99 |
| >80 | Prodigy – excellent performance! | 23 | 57 |

|  |
| --- |
|  |

Where VISUAL PROCESSING is concerned, students have been able to move into the top bands with 17% improvement; this is a good development as it is bound to positively impact their thought processing as well.

**FOCUS AND ATTENTION**

The table below captures the number of students in each score category/band at two specific points in the program – at the beginning, the **IA**, and at the end, the  **PPA.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Score Range** | **Description** | **Number of students in IA** | **Number of students in PPA** |
| <=20 | Rigorous and immediate intervention needed | 66 | 34 |
| 21-40 | Needs intervention at the earliest | 95 | 63 |
| 41-60 | Intervention will enhance academic performance | 72 | 74 |
| 61-80 | Can be groomed to be highly successful | 67 | 72 |
| >80 | Prodigy – excellent performance! | 29 | 86 |

|  |
| --- |
|  |

In terms of FOCUS AND ATTENTION, students have successfully advanced into the top band with 26% improvement marking a notable enhancement that is likely to enhance their cognitive processing positively.

**Problem Solving**

The table below captures the number of students in each score category/band at two specific points in the program – at the beginning, the **IA**, and at the end, the  **PPA.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Score Range** | **Description** | **Number of students in IA** | **Number of students in PPA** |
| <=20 | Rigorous and immediate intervention needed | 69 | 47 |
| 21-40 | Needs intervention at the earliest | 124 | 86 |
| 41-60 | Intervention will enhance academic performance | 92 | 90 |
| 61-80 | Can be groomed to be highly successful | 36 | 74 |
| >80 | Prodigy – excellent performance! | 8 | 32 |

|  |
| --- |
|  |

Students have achieved top bands in PROBLEM SOLVING, signifying substantial progress likely to enhance their cognitive processing positively. Since this involves analytical skills and is heavy on thinking out of the box, it is necessary to work on it harder.

**LINGUISTICS**

The table below captures the number of students in each score category/band at two specific points in the program – at the beginning, the **IA**, and at the end, the  **PPA.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill Score Range** | **Description** | **Number of students in IA** | **Number of students in PPA** |
| <=20 | Rigorous and immediate intervention needed | 224 | 163 |
| 21-40 | Needs intervention at the earliest | 54 | 98 |
| 41-60 | Intervention will enhance academic performance | 33 | 46 |
| 61-80 | Can be groomed to be highly successful | 14 | 20 |
| >80 | Prodigy – excellent performance! | 4 | 2 |

|  |
| --- |
|  |

Recognizing the crucial role of LINGUISTICS in bolstering other learning domains is imperative for its enhancement. While students are performing satisfactorily in this skill, there remains room for improvement.

**5 Do You Know How Well They Did?**

The table below indicates the scores of students from two categories – those who have completed less than eight sessions in CAUP and those who have completed more than eight sessions in CAUP.

The total number of students who have taken  **IA** & **PPA** is **329.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Grade** | **Total students completed PPA** | **Number of students who have taken below 8 sessions in CAUP** | **Average score of PPA taken by students who have completed below 8 sessions in CAUP** | **Number of students who have taken 8 and more sessions in CAUP** | **Average score of PPA taken by students who have taken 8 and above session we in CAUP** |
| 1 | Grade III | 63 | 0 | **0** | 63 | **52.90** |
| 2 | Grade IV | 58 | 0 | **0** | 58 | **45.63** |
| 3 | Grade V | 69 | 0 | **0** | 69 | **48.56** |
| 4 | Grade VI | 58 | 0 | **0** | 58 | **50.15** |
| 5 | Grade VII | 36 | 0 | **0** | 36 | **54.31** |
| 6 | Grade VIII | 45 | 0 | **0** | 45 | **33.25** |

**It is evident that students who are regular with CAUP sessions and complete all the required/scheduled sessions have a brighter chance of improving their skills.**



|  |
| --- |
|  |

|  |
| --- |
|  |