

Detailed Analysis Report of Project KA-LAWEI (2022-24)

Introduction

Project KA-LAWEI was initiated to enhance the classroom teaching, and academic performance of schools by implementing digital classes. Phase 1 was implemented after the academic results of 10th grade in the year 2022, and Phase 2 followed in the academic year 2023-24. The project aims to improve student outcomes through the usage of digital classes by teachers in their classroom teaching. This report analyzes the impact of the project based on three different parameters and presents the data insights.

Parameters for Analysis

1. 10th Grade Academic Results Before and After Phase 1 Implementation
2. Comparative Analysis of 10th Grade Academic Results, Year 2022-23 vs 2023-24 for Phase 1 Schools
3. Comparative Analysis of 10th Grade Academic Results for Phase 2 Schools (2022-23 vs 2023-24)

1. Comparison of 10TH Grade Academic Results Before and After Phase 1 Implementation

Criteria for Analysis:

- Schools with digital class usage more than 20 minutes per day (total > 27 hours in 2022-23) based on the 80 active usage days.

Top Performing Schools:

- Divine Word Secondary School: Significant improvement in both pass percentage (29.41%) and average score (9.28%).
- Sein Raij Secondary School: Notable progress with a 26.10% increase in pass percentage and a 10.50% rise in average scores.

Analysis Table:

S. No	Name of the School	Usage in 2022-23 (Hours)	Percentage of Students Passed (2022)	Average Percentage Scored (2022)	Percentage of Students Passed (2023)	Average Percentage Scored (2023)	Improvement in Pass Percentage	Improvement in Average Score
1.	Divine Word Secondary School	41	70.59%	47.52%	100%	56.80%	29.41%	9.28%
2.	Sein Raij Secondary School	32	37.50%	46.40%	63.60%	56.90%	26.10%	10.50%

2. Comparative Analysis of 10th Grade Academic Results, Year 2022-23 vs 2023-24 for Phase 1 Schools

Criteria for Analysis:

- Schools with digital class usage more than 20 minutes per day (total > 46 hours in 2023-24) based on the 139 active usage days.

Top Performing Schools:

- San Shnong Sec School: 21.01% increase in pass percentage.
- Wapung Hr. Sec School: Most significant increase in pass percentage (70.97%) and average score (18.03%).
- Ieng Swer Secondary School: Notable progress with a 37.95% increase in pass percentage and an 11% rise in average scores.
- Sein Jait Higher Secondary School: 23.24% increase in pass percentage and 10.57% rise in average scores.
- Umkiang Sec School: 2.39% increase in pass percentage and 7.25% rise in average scores.
- Sham Sham Secondary School: 21.32% increase in pass percentage and 11.93% rise in average scores.
- Sacred Heart Secondary School: 3.75% increase in pass percentage and 11.30% rise in average scores.
- St. Peter Secondary School: 42.20% increase in pass percentage.

Analysis Table:

S No.	Name of School	Usage in 2022-23 (Hours)	Pass Percentage (2022-2as3)	Avg Score (2022-23)	Usage in 2023-24 (Hours)	Pass Percentage (2023-24)	Avg Score (2023-24)	Improvement in Pass Percentage	Improvement in Average Score
1	Sein Jait Higher Secondary School	16	56.19%	40.66%	48	79.43%	51.23%	23.24%	10.57%
2	San Shnong Sec School	20	74.54%	52%	34	95.55%	46.81%	21.01%	-5.19%
3	Wapung Hr. Sec School	1	29.03%	50.67%	33	100%	68.70%	70.97%	18.03%
4	leng Swer Secondary School	13	62.05%	52%	26	100%	63%	37.95%	11%
5	Umkiang Sec School	1	82.22%	46.77%	17	84.61%	54.02%	2.39%	7.25%
6	Sham Sham Secondary School	4	68.42%	48.17%	10	89.74%	60.10%	21.32%	11.93%
7	Sacred Heart Secondary School	0	90%	56.50%	19	93.75%	67.80%	3.75%	11.30%
8	St. Peter Secondary School	2	45.80%	57.23%	11	88%	53.75%	42.20%	-3.48%

3. Comparative Analysis of 10th Grade Academic Results for Phase 2 Schools (2022-23 vs 2023-24)

Criteria for Analysis:

- Schools with digital class usage more than 20 minutes per day (total > 46 hours in 2023-24) based on the 139 active usage days.

Top Performing Schools:

- Lumjingshai Sec School: Most significant improvement with a 66.67% increase in pass percentage and a 23.50% rise in average scores.
- Holy Trinity Sec School: Substantial improvement in average scores (17.66%).
- Khliehriat Hr. Sec. School: Notable improvements in both pass percentage (21.81%) and average scores (11.47%).

Analysis Table:

No.	Name of School	Pass Percentage (2023)	Avg Score (2023)	Usage in 2023-24 (Hours)	Pass Percentage (2024)	Avg Score (2024)	Improvement in Pass Percentage	Improvement in Average Score
1	Lumjingshai Sec School	33.33%	36%	33	100.00%	59.50%	66.67%	23.50%
2	Holy Trinity Sec School	67.00%	58%	43	75.66%	75.66%	8.66%	17.66%
3	Khliehriat Hr. Sec. School	73.01%	65.03%	43	94.82%	76.50%	21.81%	11.47%

Positive Insights from the Overall Analysis(2022 - 2024)

- Divine Word Secondary School and Sein Raij Secondary School showed significant improvements in both pass percentage and average scores after Phase 1 implementation.
- San Shnong Sec School and Wapung Hr. Sec School exhibited notable progress in pass percentages for the academic year 2023-24 compared to 2022-23.
- Lumjingshai Sec School demonstrated the most substantial improvements among Phase 2 schools.

Conclusion

Project KA-LAWEI has positively impacted the 10th-grade academic performance of the schools with the effective usage of digital classes. Schools that met the usage criteria of more than 20 minutes per day saw significant improvements in both pass percentages and average scores. The project's integration of digital classes is proving to be beneficial, and further consistent usage could yield even better results.

Next Steps:

1. Increase Digital Class Usage: We will encourage schools to meet or exceed the usage criteria of 20 minutes per day to maximize benefits. Also to motivate the schools we will be starting a reward program for the best-performing schools and teachers. Special day-based activities every quarter might help encourage teachers to adopt digital classes as a supplement to their classroom teaching.
2. Continuous Monitoring: We will regularly monitor the performance based on the assessment results, Academic results, and digital class usage to ensure consistent improvement.

By adhering to these steps, Project KA-LAWEI can further enhance the educational outcomes across all the schools, leading to better student academic achievements in the next academic year.

Annexure A: Avg Performing Schools (Phase 1)

S. No.	Name of School	Pass % (2022)	Avg Score (2022)	Usage in 2022-23 (Hours)	Pass % (2023)	Avg Score (2023)	Usage in 2023-24 (Hours)	Pass % (2024)	Avg Score (2024)	Improvement in Pass Percentage	Improvement in Average Score
1	Latyrke Secondary School	30.76%	46.50%	10	21.05%	43.20%	74	12.50%	47.66%	-8.55%	4.46%
2	Narpuh Morden Sec School	100%	61.83%	6	100%	55.25%	27	100%	53.41%	-	-1.84%
3	Dkhiah East Secondary School	77.27%	51.59%	5	39%	48.07%	34	80%	44.93%	41%	-3.14%
4	Chiehruphi Secondary School	100%	50.26%	2	76.19%	48.44%	23	60%	49.58%	-16.19%	1.14%
5	Narwan Secondary School	67.56%	56%	0	27.00%	51%	14	29.40%	50%	2.40%	-1%

Annexure B: Avg Performing Schools (Phase 2)

S. No.	Name of School	Pass % (2023)	Avg Score (2023)	Usage in 2023-24 (Hours)	Pass % (2024)	Avg Score (2024)	Improvement in Pass Percentage	Improvement in Average Score
1	Sacred Heart Hr. Sec. School	100%	64.41%	97	100%	58.92%	0.00%	-5.49%
2	Dkhiah Pres. Sec School	60%	49.42%	54	82%	55.22%	22.00%	5.80%
3	Sohkymphor Sec School	80%	50.34%	104	69.23%	49.53%	-10.77%	-0.81%
4	Ambrose Memorial Sec. School	44.15%	58.91%	52	96.96%	58.80%	52.81%	-0.11%
5	Robinson Memorial Sec School	90%	55.55%	48	100%	59.30%	10.00%	3.75%
6	Rymbai Pohskur Sec School	63.30%	35.65%	50	60%	33.30%	-3.30%	-2.35%
7	Evermore Secondary School	24%	37.60%	40	31.25%	48%	7.25%	10.40%
8	Musniang Sec School	39.13%	45.21%	50	35.48%	47.48%	-3.65%	2.27%
9	Khatsoo Ripnar Brightstar Sec School	35.71%	45.50%	20	66.66%	49.95%	30.95%	4.45%
10	Little Star Secondary School	93.94%	69.58%	38	96.97%	63.25%	3.03%	-6.33%

11	Byndihati Secondary School	77.96%	48.91%	36	86.27%	42.80%	8.31%	-6.11%
12	KB Memorial Secondary School	59.80%	57.90%	22	68.05%	59.60%	8.25%	1.70%
13	Alpha Secondary School	57.14%	53.24%	37	66.66%	47.08%	9.52%	-6.16%
14	Morning Dew Secondary School	16.66%	40%	22	44.44%	49.44%	27.78%	9.44%
15	Christian Secondary School	81.25%	56.41%	23	68.96%	56.08%	-12.29%	-0.33%
16	Mooliment RMSA Secondary School	21.42%	49.03%	30	16.66%	50%	-4.76%	0.97%
17	Little Star Academy Secondary School	57.14%	54.60%	11	62.50%	47.05%	5.36%	-7.55%
18	Lotus Secondary School	50%	60%	13	62%	52%	12.00%	-8.00%
19	Tia Chaphrang Hr. Sec. School	40.62%	59.43%	13	77.80%	55.57%	37.18%	-3.86%
20	Syrlein Secondary School	80.78%	45.48%	14	95.45%	51.10%	14.67%	5.62%
21	Sutnga Presbyterian Hr. Secondary School	64.70%	47.89%	3	77.77%	47.96%	13.07%	0.07%