

**The Digital Divide in
Distance Education During
the Covid-19 Pandemic &
Innovative Interventions at
the Sabaragamuwa
Province in Sri Lanka**



**:A Case Study
in Practitioners
Perspective**

**Lakmal Eranda Kumara-
Deputy Director of Education (MPhil-Reading, MEd, PGDE, PGDEA, BSc)**



- **Qualitative Methodology**
- **Population - Students, Teachers & Principals & officers of Sabaragamuwa Province**
- **convenience sampling**
- **Sample Size was 30**
- **Data Collection Methods are Document Analysis, Interviews, Focused Group Interviews, Observations**
- **Data Analyses – Thematic Analysis**

Digital Divide

Social

Literacy skills

Disability vs. fit

Age: Old vs. young

Family background (income and education)

Under-developed nations vs. first world countries

Culture

Ethnicity and language (non-English speaking)

Approach

Lack of motivation or objective

Fear of technology, or 'technophobes'

Geographical

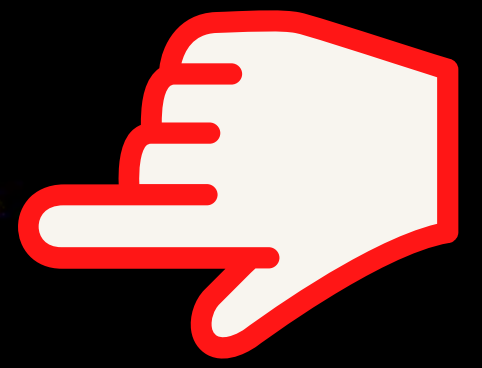
Under-developed nations vs. first world countries

Rural areas vs. suburban

Economic

Poverty, i.e. unaffordability

Lack of international investment and funding in poorer countries

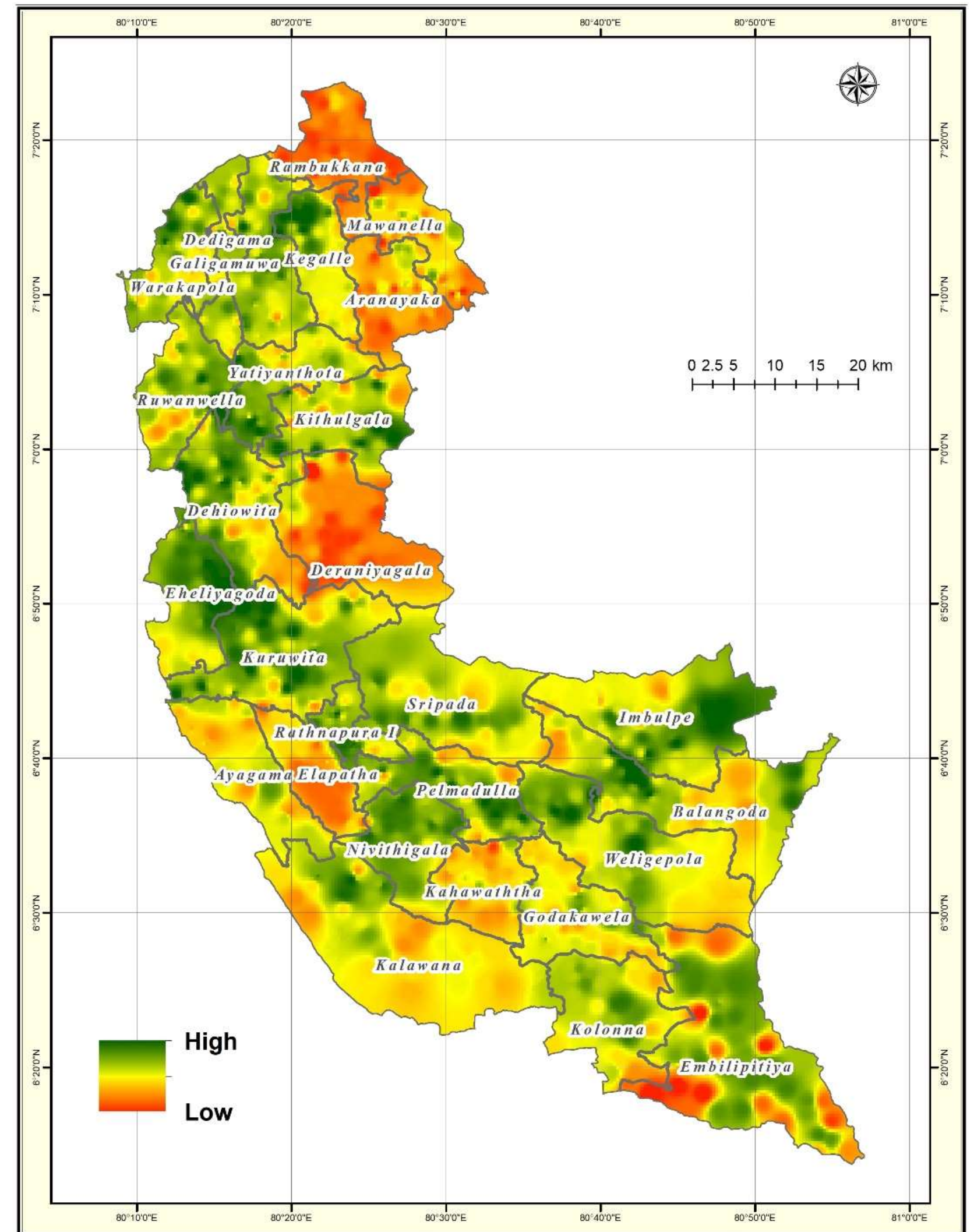




Focused Factors

- Literacy Skills
- Fear of Technology
- Lack of Motivation
- Rural Area Factor
- Unaffordability

Signal Strength Mapping



KEY INTERVENTIONS

As the Sabaragamuwa
Education

1. Online Exams Culture
2. Interactive Contents (Online & Offline)
3. Teacher Empowerment
4. Co-Curricular Online Activities

40% Accessibility



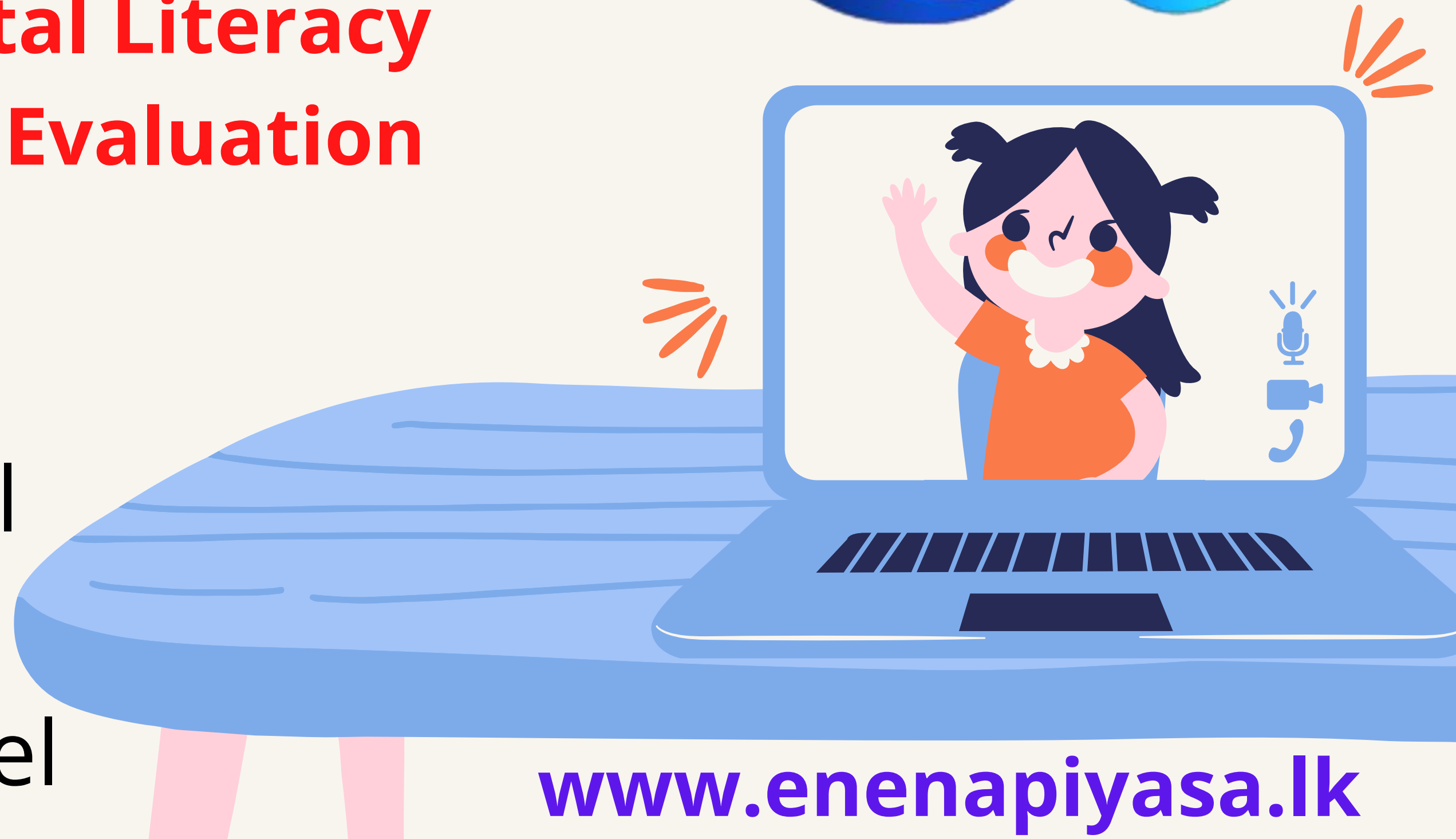
1. Online Exams

Built an Online Exams Culture



- **Improve Digital Literacy**
- **Assessment/ Evaluation**

- Grade Five
- Ordinary Level
- Mathematics
- Advanced Level



www.enenapiyasa.lk

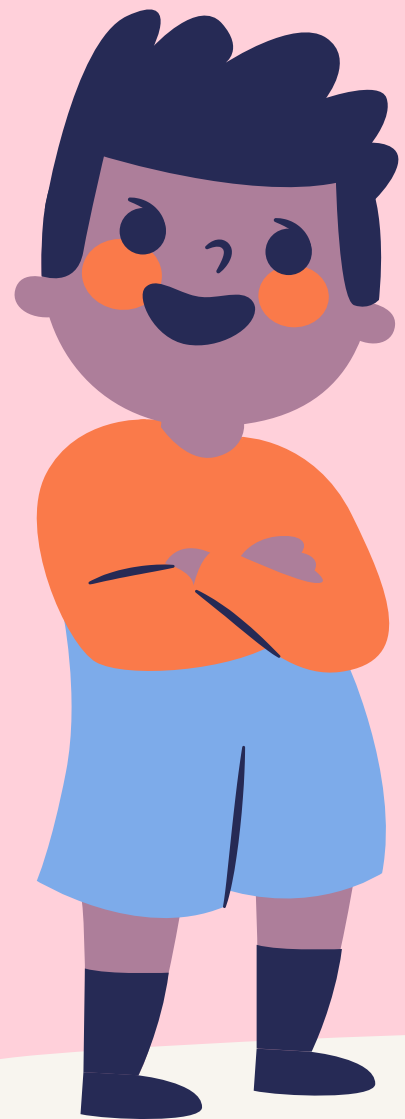
First Exam

Participation

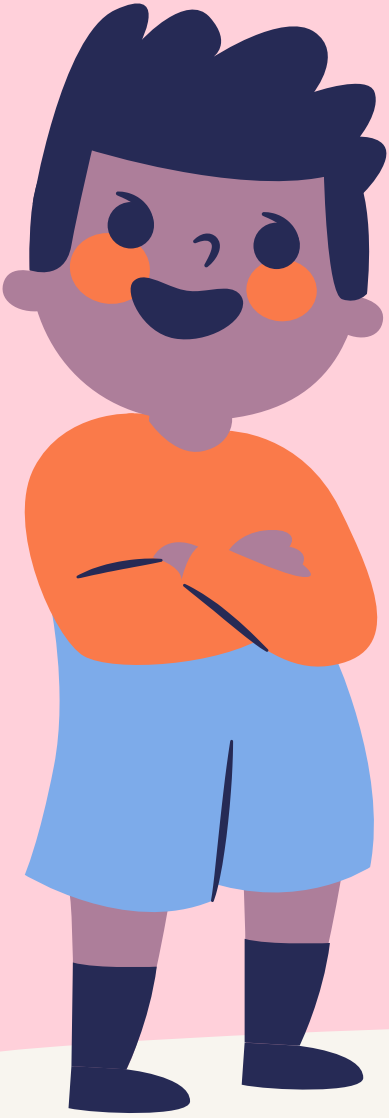

33% from Sri Lanka

50% from Western Province

78.18% from Sabaragamuwa



Grade 5 Online Exams

- 
- 
- Second Exam - **96.33**
%(No Travel
Restrictions)
 - Third Exam - **76.78 %**

Grade 5 Online Exams

Mathematics Online Exam 2021- Students Participation By Province

	Province	Sinhala	Tamil	English	Total
1	Western	161,414	7,243	24,457	193,114
2	Sabaragamuwa	87,236	8,794	13,824	109,854
3	Southern	57,655	1,455	8,961	68,071
4	Central	39,840	6,326	8,764	54,930
5	North Western	40,767	1,912	8,971	51,650
6	North Central	20,946	960	3,075	24,981
7	Uva	7,790	1,175	3,601	12,566
8	Eastern	2,114	2,260	482	4,856
9	Nothern	399	3,588	566	4,553
	Total	418,161	33,713	72,701	524,575



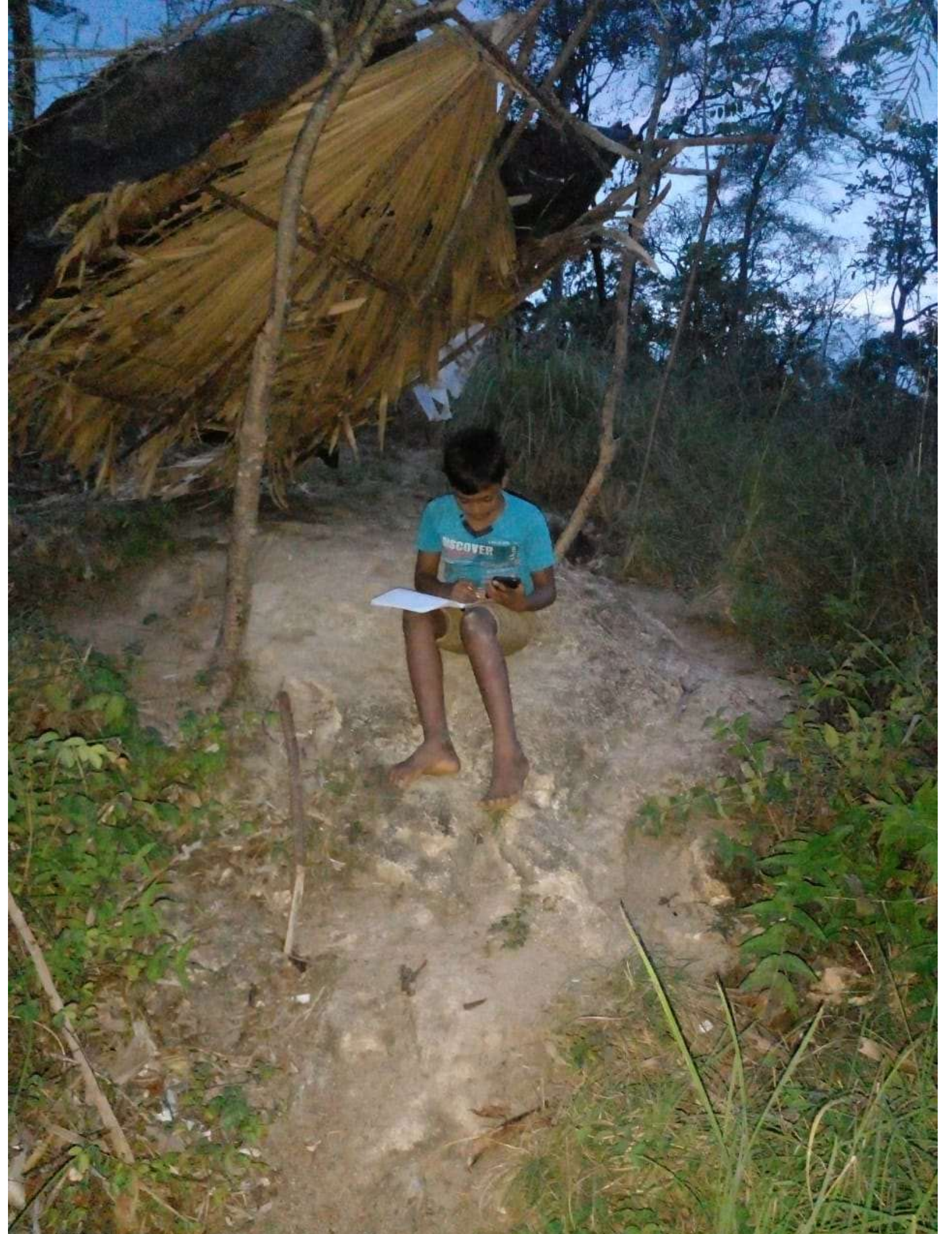
Mathematics Exam











2. INTERACTIVE CONTENT DEVELOPMENT

3. Teacher Empowerment



Massive Open Online Courses

Welcome to
MOOC - Sri Lanka

www.enenapiyasa.lk

The logo features the letters 'MOOC' in a stylized, overlapping font. The 'M' is blue with 'massive' written vertically on its left side. The 'O's are orange and green, with 'open' written above the first 'O' and 'online' below the second 'O'. The 'C' is green with 'courses' written above it. To the right of the logo, the text 'Massive Open Online Courses' is written in yellow. Below that, 'Welcome to MOOC - Sri Lanka' is written in yellow. At the bottom, the website address 'www.enenapiyasa.lk' is written in white.



ICDAL- Interactive Content Development for Active Learning.

ICDAL 01 - 414

ICDAL 02 & 3 – 1884

ICDAL –SESIP- Ongoing (107 Complettd)



GABL- Google Apps for Better Life

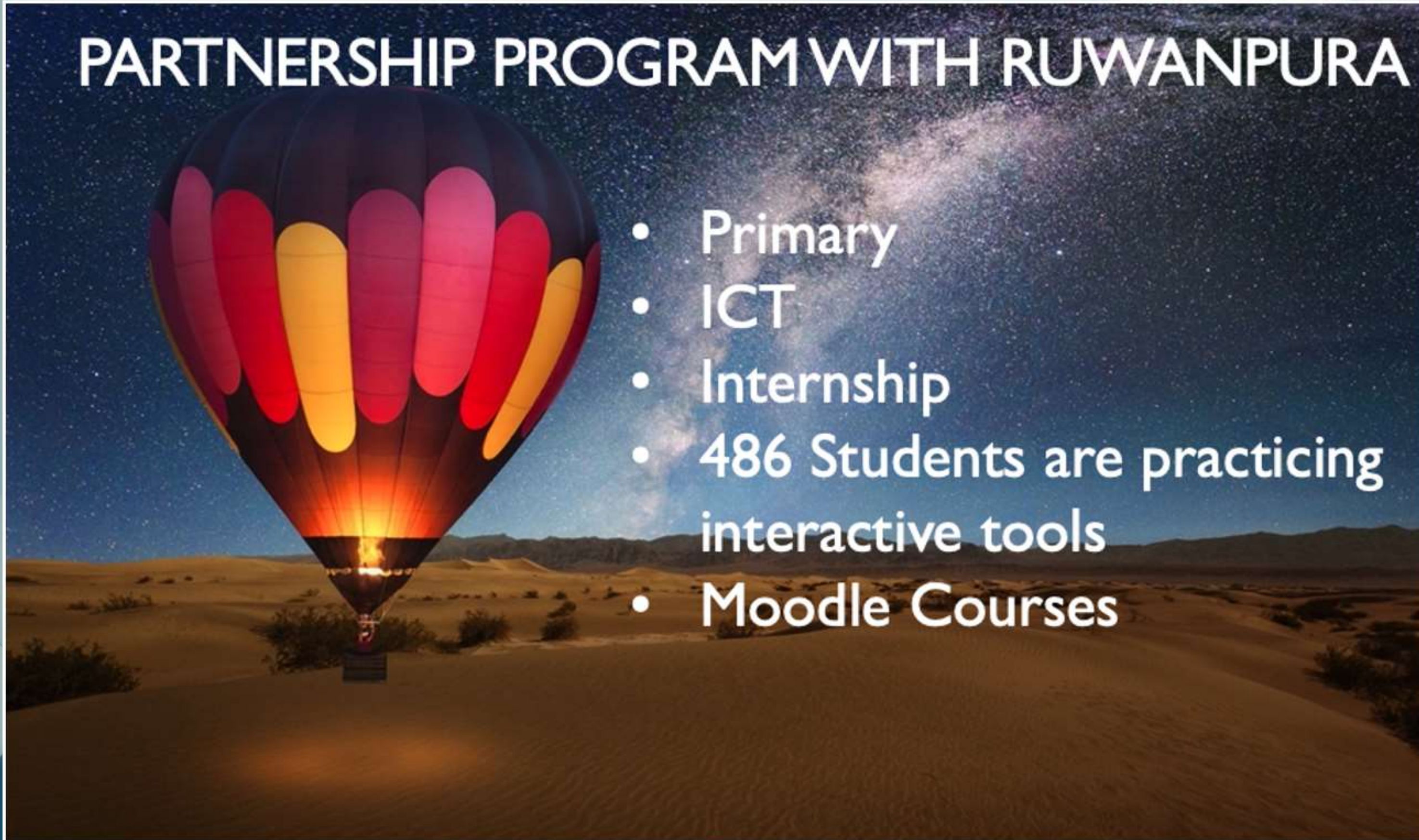
**GABL- 1 - Ongoing
(781 Completed)**

GABL- 2 - Ongoing (766 Studying)

Blended Learning for Beginners (BLB 01, BLB 02, BLB 03)

PARTNERSHIP PROGRAM WITH RUJWANPURA

- Primary
- ICT
- Internship
- 486 Students are practicing interactive tools
- Moodle Courses





PROVINCIAL DEPARTMENT OF EDUCATION SABARAGAMUWA



CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT



Has successfully completed the 40 hours online course:
"Blended Learning for Beginners"
Conducted by E-Nenapiyasa for the Teacher Trainees of
Ruwanpura National College of Education
from 7th of June 2021 to 15th of August 2021


SEPALA KURUPPUARACHCHI
PROVINCIAL DIRECTOR OF EDUCATION
SABARAGAMUWA PROVINCE


LAKMAL ERANDA
DEPUTY DIRECTOR OF EDUCATION - DEVELOPMENT
COURSE COORDINATOR

DATE :

CERTIFICATE ID : ZA342FGH

ICDAL- Interactive Content Development for Active Learning

6000 Trained
Voluntarily



Issuing Badges to motivate and continuous engagement



Janani Welarathna

September 20 · 🌐



just like collecting trophies. love enenapiyasa all these lessons are very very helpful



Enenapiyasa H5P
Creator - ICDAL 2



Enenapiyasa GIF
Expert - ICDAL 2



Enenapiyasa Live
Worksheet Expert -
ICDAL 2



Enenapiyasa
LearningApps
Expert - ICDAL 2



Enenapiyasa
Narrative Expert -
ICDAL2



Enenapiyasa
Wordwall Expert -
ICDAL 2

Facilitation for less privileged school Students





How they have completed



CREATING A CONDUCTIVE E-LEARNING ENVIRONMENT DURING THE COVID-19 PANDEMIC: A COLLABORATIVE ACTION RESEARCH PROJECT ON E- NENAPIYASA AND ONLINE SUPERVISION

K.Lakmal^{1*}, A.Herath², A.Thawoos¹, A.Rajah¹

¹ Provincial Department of Education Sabaragamuwa Sri Lanka

² University of Perad

klekumara@g

The Digital divide in online school education during the Covid-19 pandemic at the Sabaragamuwa Province in Sri Lanka

*K. Lakmal Eranda Kumara,
Deputy Director of Education,*

*K.J. Fernando
The principal*

*Prince of Wales' College,
Moratuwa, Sri Lanka*

Creating an Ordinary Level Online Mock Examination System for Sri Lanka During the Covid-19 Pandemic: A Collaborative Action Research on E-Nenapiyasa/Learning Management System

**K.L.E. Kumara^{1*}, H.M.A.S. Herath², M.T.M. Ansaf¹, D.V.A.G. Dodangoda¹,
M.S. Kumara¹, K.P.A.R. Pathirana¹, A.M. Rajah¹**

¹ Provincial Department of Education, Sabaragamuwa, Sri Lanka

² University of Peradeniya, Sri Lanka

Publications

3. INTERACTIVE CONTENTS

Colours
Pictures
Sounds
Movements
Rhythms

- Increases Engagement
- Active Participation
- Motivation
- Facilitate Self Learning
- Improve the utilization of Available Devices



INTERACTIVE CONTENT DEVELOPMENT TOOLS

- Wordwall
- Narrative Presentations
- Learning apps
- Live worksheets
- Hot Potatoes
- i-Spring
- H5P - HTML5 Package



- Akura – Program to write Sinhala Characters

අකුරු

නිසා අධ්‍යයනය

1,2 ශ්‍රේණි දැරුවන්ට අකුරු හුරුව

1 ශ්‍රේණිය
සිංහල අකුරු 36 ක්
දෙමළ අකුරු 30 ක්
ඉලක්කම් 10 ක්

2 ශ්‍රේණිය
සිංහල අකුරු 24 ක්
දෙමළ අකුරු 40 ක්

සබරගමුව ප්‍රාථමික අධ්‍යාපන අංශයේ හා සබරගමුව e-Nenapiyasa කණ්ඩායමේ ජාතික මෙහෙවර

අකුරු ඉංකිඳි

සබරගමුව දුරස්ථ අධ්‍යාපන මෙහෙවර

THE DEPARTMENT OF DISTANCE LEARNING - SABARAGAMUWA

- Created During the Complete Lock-Down Situation
- Primary Education Team - Sabaramauwa

කබරගමුව පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව
Sabaragamuwa Provincial Department of Education
சபரகமුව மாகாணக் கல்வித் திணைக்களம்

රනු ඉර මන

"අකුර්" program for kids to practice letters

අපි මෙහි "ල" අකුර ලිවීමට සුදානම් වෙමු...

සායර් ගමුණා අංක 26, කාලය - ඔක්තෝබර්

පියවර -1

- "ල" අක්ෂරය සිලිට්ටු වලට පැමිණි විට පමණක් අකුරක් ලෙස හඬ නගා කියවිය යුතුය. (පෙරෙහි කියවීමේදී 8, 20)
- සිලිට්ටු වලට පැමිණි විට පමණක් "ල" අකුර ලිවීමට හඳුන්වා දෙමු. (ලිවීමට පෙර කියවීම)
- සිලිට්ටු වලට කියවීම

සියලුම ශාලා සඳහා මෙම වැඩසටහන ක්‍රියාත්මක කිරීමට අවස්ථාවක් ඇත. එමඟින් ශාලා සඳහා වන ප්‍රශ්න සහ පිළිතුරු සැලසුම් කිරීමට මෙම වැඩසටහන ඉතාමත් ඉහලින් උපකාරී විය හැකිය. මෙම වැඩසටහන සඳහා අවශ්‍ය වන සියලුම දේ සැලසුම් කිරීමට අප සූදානම් වෙමු.

Kids Game Zone

සමස්ත පාఠයන්

දින 19 > 4 ශ්‍රේණිය

20 > 3 ශ්‍රේණිය

26 > 2 ශ්‍රේණිය

27 > 1 ශ්‍රේණිය

සෙල්ලම් මිනීම

www.enenapiyasa.lk
සබරගමුව පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව

Gamification – Game based learning



**LET'S SEE THE
CONTENTS**

www.enenapiyasa.lk

Thank You