# MAKING
## UTTAR PRADESH
# NIPUN
## in 2024

**DEVI SANSTHAN**
Dignity Education
Vision International
*Leave no one behind*

# DEAR POLICYMAKER

With profound respect and a shared vision for educational upliftment, I am eager to highlight that we can achieve the goals of NIPUN Bharat Mission within 2024, two years ahead of the 2026/27 deadline. This will help Uttar Pradesh lead India, and pave the way for a bright future for generations of children.

The matter deserves highest attention. Even after a mammoth effort in the last three years, just 24% of the schools of UP are NIPUN in the most recent NAT examination, whose results were announced in February 2024. We must do something different.

We would like to freely offer the groundbreaking pedagogy, Accelerating Learning for All (ALfA). This fast and holistic program allows children to become both literate and numerate in just 45 days, while integrating a holistic education of 21st-century skills such as collaboration, communication, critical thinking and creativity as per NEP2020.

The Ministry of Education invited us to take up Shamli District in August 2022. This led to an MOU for 15 districts of Uttar Pradesh in November 2022. Within a year of ALfA's launch, the program is being rolled out in stages across thousands of schools throughout the country.

The success is striking not only in third-party testing, but also in the recently-conducted NAT. Shamli was a low-performing district in 2022, but now has 36% of its schools NIPUN, substantially above the UP average of 24%. Meanwhile Hilauli, an aspirational block where ALfA was implemented in all 155 schools just since September 2023, has come first of Unnao's 17 blocks. In the four districts of UP where ALfA has been implemented – Lucknow, Unnao, Barabanki, and Shamli – 17% of schools were deemed NIPUN. Among ALfA schools in these districts, twice as many (35%) were NIPUN.

We offer our successful, free program for schools at the statewide level as part of the SCERT curriculum itself. Including the ALfA pedagogy as part of the curriculum will reduce printing costs by consolidating pages from existing books that are covered by ALfA, and enable NIPUN goals to be achieved this year itself.

Your decisive actions can forge a educational milestone by making UP NIPUN within 2024 itself, becoming an example for the rest of India and the world.

**Sunita Gandhi**

Former Economist, The World Bank, USA

PhD (Physics), Cambridge University, UK
Founder & CEO, DEVI Sansthan Dignity Education Vision International

# NIPUN 2024

Uttar Pradesh can **become NIPUN in a year**, if we work together in mission mode, adopting proven and scalable pedagogies. ALfA is also ready to scale up across India and around the world.

From
**Uttar Pradesh to**
**India** to the
**World**

Vasudhaiva Kutumbakam

# A ROADMAP TO NIPUN

2026-27 is approaching quickly, but are we on track to meet NIPUN Goals? This roadmap shows it is possible for Uttar Pradesh to achieve the NIPUN targets in 2024 itself, using a groundbreaking, research-backed fast and holistic pedagogy: Accelerating Learning for All.

**Uttar Pradesh**

## January-March
### Beyond NIPUN

Reading textbooks
Greater fluency
Deepening numeracy understanding
Excelling in NAT & other tests

**3**

## July-December
### Implementation

Implementing ALfA at scale
Full mobilisation of government apparatus

**2**

## April-May
### Preparation

Discussion with key stakeholders, planning
Teacher training & empowerment

**1**

**NIPUN BHARAT**

**Literacy**
**Key to the SDGs**

# FROM 20 SCHOOLS TO 14,000

Since its inception in 2022, ALfA has exploded in schools and adult literacy programs around the country. ALfA has only just begun. Looking towards 2024, many other districts and states have expressed interest in starting or expanding ALfA programs.

DEVI Sansthan looks forward to working together with all stakeholders – parents, teachers, principals, educational officials – to ensure rapid progress toward the NIPUN goal of literacy for all. **Together, we can!**

## Exponential Growth in Just One Year

### Himachal Pradesh

Implementation has begun in 496 schools of Solan district, with an MOU in place for taking it state-wide in the 2024-25 session.

### Ladakh

We are piloting a new way of disruptive learning - ALfA with 17000 ft Foundation in 30 selected schools of Leh district in Ladakh.

### Uttar Pradesh

ALfA is being scaled up in schools across four districts: Shamli, Lucknow, Unnao and Barabanki. Adult literacy programs are also being implemented across several districts.

### Mizoram

An adult literacy program implemented in partnership with the department of education has reached 5000 learners. There are now plans to implement ALfA in primary schools too.

### Haryana Rajasthan Uttarkhand

IIMPACT women's literacy program expanded to 9000 women across North India
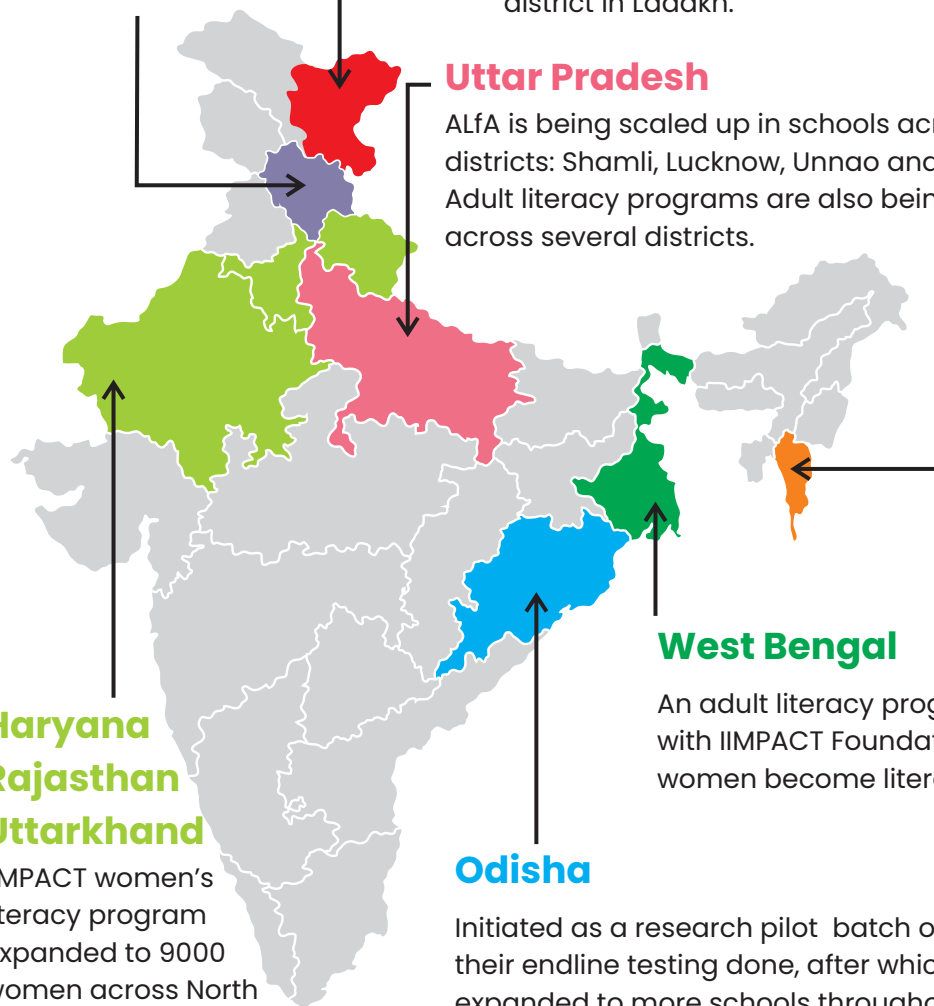
### West Bengal

An adult literacy program in partnership with IIMPACT Foundation has helped 1000 women become literate.

### Odisha

Initiated as a research pilot  batch of 10 schools will soon have their endline testing done, after which the program may be expanded to more schools throughout the district.
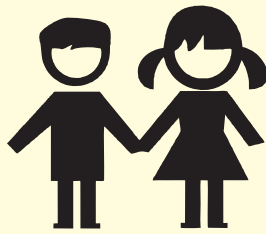
# IMPACT SINCE 2022

**Note on implementation style**
ALfA has been implemented in **randomly selected** schools from Shamli, Lucknow, Unnao and Barabanki districts, as a randomised control trial. In Solan (HP) and Hilauli (Unnao), It was implemented in **all the schools** of the district/block. Shamli is a low performing district, Hilauli is an aspirational block.



## 120,000+
**Students** have been impacted through the ALfA pedagogy
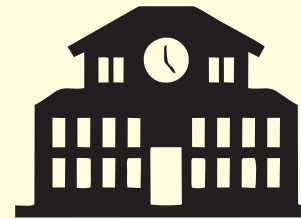
## 1000+
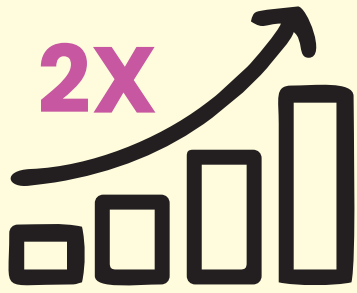**Schools** using the ALfA program, across 6 districts in 3 states

## 45
**Number of instructional days** required for literacy: up to **10x** faster than traditional approaches

## 12
**Countries implementing ALfA**
India, Maldives, USA, Peru, Guyana Honduras, Philippines, Malaysia, Ghana, Kenya, Trinidad & Tobago, Zimbabwe

# IMPACT SINCE 2022

**2X**

**Twice as many** ALfA schools (35%) deemed NIPUN compared to the average (17%) across four districts.

**2-6**

Children learned the equivalent of **2-6 years of traditional schooling** (effect sizes ranged from 0.3-1.3).

**47%**

**of schools NIPUN in Hilauli, Unnao** double the state average (24%) and triple the district average (15%)

**1st**

**Hilauli,** an aspirational block of Unnao district, came first out of 17 blocks in the recent NAT.

Dr Sunita Gandhi meeting with Rajnath Singh, India's National Defense Minister. 10 March 2024.

Click or Scan the **QR code** to watch Shri Rajnath Singh discuss the ALfA program.
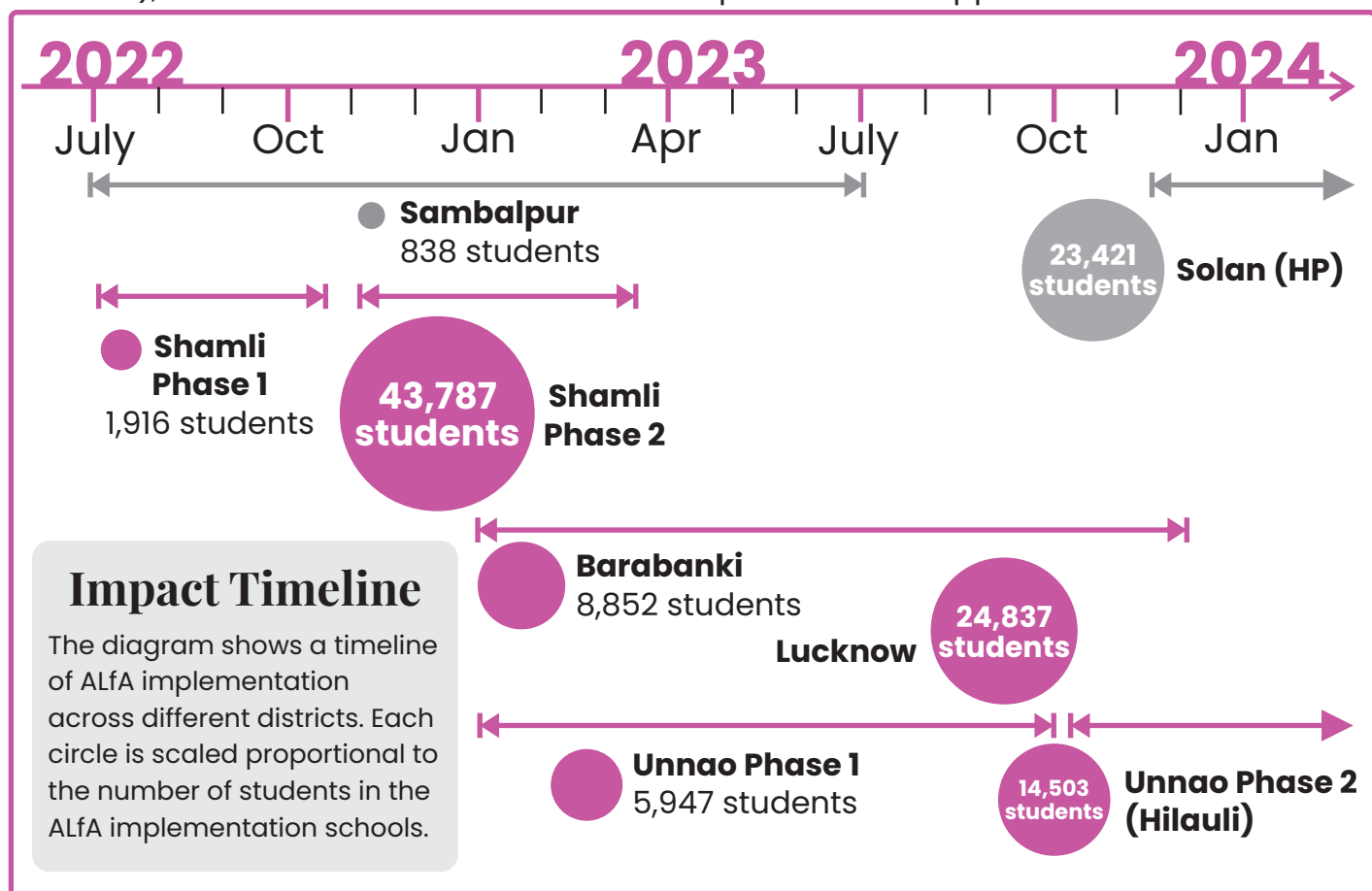
# RESEARCH AT SCALE

ALfA implementation was conducted as a randomised control trial. After applying a minimum bar of student enrolment (typically 80), the schools were randomly allocated to reference and implementation groups. We allocated 30-50% of the schools to be reference, with 50-70% as implementation. Reference schools were not given any training or materials, but baseline and endline testing was conducted. Testing was conducted in a randomly selected subset of implementation schools.

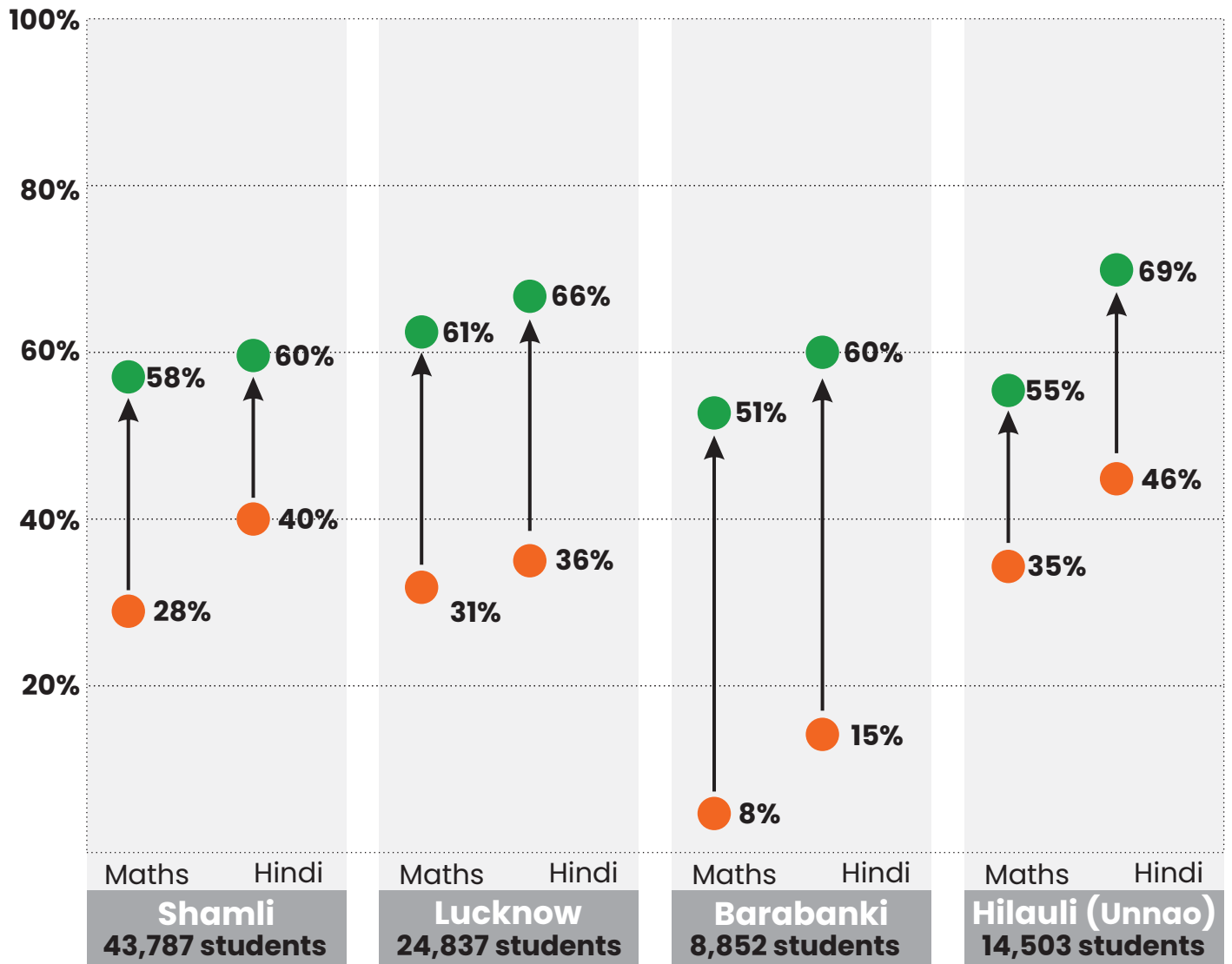## Number of Schools in ALfA Implementation

| District (Grey = outside UP) | Schools | | |
|---|---|---|---|
| | Implementation | Reference | Total |
| Sambalpur (Odisha) | 10 | 10 | 20 |
| Shamli | 210 | 80 | 290 |
| Lucknow | 110 | 60 | 170 |
| Barabanki | 30 | 20 | 55 |
| Unnao | 30 | 20 | 55 |
| Hilauli (Unnao) | 155 | 0 | 155 |
| Solan (HP) | 470 | 0 | 470 |
| **Total Schools** | **1,015** | **190** | **1,205** |
| **Total Children** | **124,101** | **23,825** | **147,926** |

A different approach was used in Hilauli (Unnao): the whole block's 155 schools were taken for implementation, with no reference group. Similarly, in Solan (Himachal Pradesh), the whole district's 469 schools adopted the ALfA approach.



**2022          2023          2024**

July     Oct     Jan     Apr     July     Oct     Jan

Sambalpur
838 students

23,421 students — Solan (HP)

Shamli Phase 1
1,916 students

43,787 students — Shamli Phase 2

## Impact Timeline

The diagram shows a timeline of ALfA implementation across different districts. Each circle is scaled proportional to the number of students in the ALfA implementation schools.

Barabanki
8,852 students

24,837 students — Lucknow

Unnao Phase 1
5,947 students

14,503 students — Unnao Phase 2 (Hilauli)

# RESULTS AT SCALE

Across the different districts, students showed dramatic improvement in learning levels, as measured by comprehensive & difficult third-party tests, which measure each competency specified in NIPUN Bharat and NAS.

| | Shamli | | Lucknow | | Barabanki | | Hilauli (Unnao) | |
|---|---|---|---|---|---|---|---|---|
| | Maths | Hindi | Maths | Hindi | Maths | Hindi | Maths | Hindi |
| Endline (green) | 58% | 60% | 61% | 66% | 51% | 60% | 55% | 69% |
| Baseline (orange) | 28% | 40% | 31% | 36% | 8% | 15% | 35% | 46% |

**Shamli** 43,787 students  
**Lucknow** 24,837 students  
**Barabanki** 8,852 students  
**Hilauli (Unnao)** 14,503 students

**Note** The orange circles show baseline test results, green circles show endline tests.

# IMPLEMENTATION OPTIONS

We offer the ALfA pedagogy as a key tool in the effort to make India NIPUN. There are several key choices on the scale, modality and training.

## Scale

### State-Wide

Adopt across the entire state to make the state NIPUN in record time.

### District or Block Level

Choose one or more entire districts (for instance, aspirational districts) to showcase rapid results.

## Modality

### Incorporate into existing curriculum

Merge ALfA materials with the existing textbooks. Reduce some pages to avoid duplication, keeping overall printing cost low.

### Physical ALfA books

ALfA booklets are slim (Hindi: 44 pages, Numeracy: 28 pages). After the ALfA books, students move on to rapidly complete regular textbooks.

## Training

### Training Cascade

In-person training can be rolled out by a sequence of master trainers and trainers. A one-day workshop is sufficient to start using ALfA in the classroom.

### Massive Open Online Training

Online training can be very effective if well-structured and highly interactive. Teachers can be reached directly through online training at massive scale.

# TABLE OF **CONTENTS**

# Endorsements

The ALfA pedagogy, and its impacts on learning, have been recognised by many eminent leaders – both politicians and pedagogues. It has also been explored in books published by Bloomsbury and by Harvard Graduate School of Education.

Children focus closely on the Hindi ALfA book, reading in pairs

# THANK YOU FOR INSPIRING US

**Rajnath Singh**
Hon. Defense Minister, India
Former Minister for Education, UP

> Dr. Sunita Gandhi's 30 hour literacy and numeracy model is highly innovative, and highly scalable, that can benefit school children, out of school children and illiterate adults.

**Yogi Adityanath**
Hon. Chief Minister,
Uttar Pradesh

> I am delighted that DEVI Sansthan is implementing its project in slums of Lucknow to enable foundational literacy and numeracy through their innovative toolkit.

**Sandeep Singh**

Minister of State,
Basic Education UP

**IAS Durga Shankar Mishra**

Chief Secretary,
Basic Education UP

**IAS Dr MKS Sundaram**

Principal Secretary,
Basic Education UP

**IAS Kanchan Verma**

Director General of
State Education UP

ALfA has been endorsed by many international experts. Click or Scan the **QR code** to watch.

# TESTIMONIALS

## POLICYMAKERS

### Alok Ranjan
Former Chief Secretary, Government of Uttar Pradesh

"I am very impressed with the toolkit developed by Dr. Sunita Gandhi, which takes **less time to make a person literate**."

### Dinesh Sharma
Deputy Chief Minister, Uttar Pradesh

"The 'Each One Teach At least One' campaign involving school children of 150 Lucknow schools, helped **make an estimated 2 lakh people literate**."

### G B Patnaik
Former Chairman, India Literacy Board

"Global Dream Model can make it possible to **scale up literacy across the state** at zero to near zero additional costs per learner."

### Anil Swarup
Former Education Secretary Government of India

"Dr Sunita Gandhi has developed **groundbreaking tools** that have potential to solve India's greatest education problem — FLN."

## OFFICIALS

"The results are highly positive and exciting. **Children's attendance** has also improved."
**Rahul Mishra, BSA**

"This was a very easy technique. I think **this technique should be used everywhere** throughout India."
**Alla Rakha, principal**

## TEACHERS

"This is an **excellent method**, in which children collaborate to derive the first sound from the name of a picture."
**Hemlata Sahu**

"The **training was highly effective**... all the activities were great. I especially enjoyed the division activity."
**Baby Saini**

"We got to **learn a lot new** in today's training: how to build a solid foundation for children's learning. There was a great exchange of ideas between the trainers and participants."
**Arif Hasan**

Scan the **QR code** to see a video of **Arvind Kumar Baliyan**, a Grade 2 Teacher from Shamli, discuss the program

# HILAULI ASPIRATIONAL BLOCK TO NUMBER 1
# UNNAO BSA LETTER

प्रेषक
जिला बेसिक शिक्षा अधिकारी
उन्नाव।

सेवा में
डॉ सुनीता गांधी
संस्थापिका
देवी संस्थान, लखनऊ    पत्रांक 33645    दि0 22-2-24

विषयः हिलौली ब्लॉक के प्राइमरी स्कूलों में ALFA पद्धति का प्रयोग

महोदया,

हमें आपको यह सूचित करते हुए अत्यंत खुशी हो रही है कि ALFA पद्धति, जिसका अनुसंधान आपने किया है, हिलौली ब्लॉक के 155 स्कूलों में वर्ष 2023–24 के शैक्षिक सत्र में सितम्बर माह से लागू किया गया है बहुत कम कार्य दिवसों के समय में बच्चों के शैक्षिक स्तर में काफी सुधार दिखा है ।

विभागीय निर्देशानुसार बच्चों के शैक्षिक दक्षता जांचने के लिए एक मूल्यांकन किया था इस मूल्यांकन में हिलौली विकास खण्ड में न्यूनतम स्तर था, वर्तमान मूल्यांकन में शैक्षिक स्तर पर निपुण पाया गया और उन्नाव जिले में प्रथम स्थान पर आया है।

आपकी ALfA पद्धति, प्रयास और सहयोग को हिलौली ब्लॉक को निपुण बनाने में हम आपके काम की प्रशंसा और सराहना करते हैं ।

हम आशा करते हैं कि आप शिक्षा क्षेत्र में इसी प्रकार आप शिक्षा आपका सहयोग प्राप्त होता रहेगा ।

धन्यवाद ।

(संगीता सिंह)
जिला बेसिक शिक्षा अधिकारी
उन्नाव

> "I am delighted to inform you that the ALfA pedagogy has been implemented in the 155 schools of Hilauli block since September 2023. There has been a substantial improvement in children's learning levels, in very little time.
> In the assessments conducted by the Department of Education, Hilauli has come first in Unnao district. The ALfA pedagogy has helped Hilauli become NIPUN; for this I praise and recommend your work. I hope that you continue assisting in the educational field going forwards."
> **Sangeeta Singh, Unnao BSA**

# NEWSPAPER CLIPPING

निपुण भारत मिशन में हिलौली प्रथम, पुरवा दूसरे और हसनगंज तीसरे स्थान पर

जागरण संवाददाता, उन्नावः सरकार साक्षरता में वृद्धि के लिए लगातार प्रयास कर रही है। देश का हर बच्चा शिक्षित हो और अभिभावक शिक्षा कार्यक्रम से जुड़े रहे। इसके लिए भारत सरकार द्वारा निपुण भारत मिशन की शुरुआत की गई है। जिसका उद्देश्य तीसरी कक्षा तक के बच्चों में आधारभूत साक्षरता और संख्यात्मकता ज्ञान को बढ़ावा देना है। निपुण भारत मिशन लक्ष्यों की प्राप्ति के लिए सभी ब्लाकों की कंपोजिट रैंकिंग सूची शासन द्वारा जारी की गई। जिसमें सभी पैरामीटर्स में विकासखंड हिलौली प्रथम, पुरवा द्वितीय और हसनगंज तीसरे स्थान पर रहा।

निपुण भारत रैंकिंग में जिले के अंदर चौथे स्थान पर नवाबगंज ब्लाक रहा। जबकि, असोहा, बिछिया, सिकंदरपुर कर्ण, मियागंज व सफीपुर की रैंक औसत रही। वहीं जिन ब्लाकों में रैंक फिसड्डी रही। उनमें सबसे नीचे नगर क्षेत्र इसके बाद सुमेरपुर, फतेहपुर,

- नगर क्षेत्र, सुमेरपुर व फतेहपुर चौरासी रहा फिसड्डी
- अन्य 10 ब्लाक निपुण रैंकिंग में रहे औसत

सिकंदरपुर सरोसी, बीघापुर, बांगरमऊ, गंजमुरादाबाद, औरास ब्लाक रहे।

हसनगंज ब्लाक के शिक्षक रवींद्र सिंह, सशांक सिंह, एआरपी शैलेंद्र सिंह, मोहदीनपुर प्राथमिक विद्यालय की प्रधान शिक्षिका प्रीती वर्मा, भांभाऊ की ज्योति वर्मा, नमिता सिंह, सूर्यकांत सिंह, अनुपमा जयसवाल, दीपक कुशवाहा आदि ने हर्ष व्यक्त कर बीईओ को बधाई दी। बीएसए संगीता सिंह ने बताया कि शासन द्वारा सूची जारी की गई है। जिसमें हिलौली, पुरवा व हसनगंज ने बेहतर रैंक पाई है। यह संबंधित ब्लाक की पूरी टीम द्वारा ईमानदारी से काम करने का परिणाम हैं।

| ब्लाकों की रैंक प्रतिशत के हिसाब से | |
|---|---|
| 1-हिलौली | 40 |
| 2.पुरवा | 32 |
| 3.हसनगंज | 20 |
| 4.नवाबगंज | 16 |
| 5.असोहा | 11 |
| 6.बिछिया | 11 |
| 7.सिकन्दरपुर कर्ण | 11 |
| 8.मियागंज | 10 |
| 9.सफीपुर | 10 |
| 10.औरास | 09 |
| 11.गंजमुरादाबाद | 09 |
| 12.बांगरमऊ | 04 |
| 13.बीघापुर | 04 |
| 14.सिकन्दरपुर सरोसी | 04 |
| 15.फतेहपुर 84 | 01 |
| 16.सुमेरपुर | 01 |
| 17.नगर क्षेत्र | 0 |
| जिले में कुल निपुण स्कूल 193 | |

In a government test conducted in November 2023 (partway through the ALfA implementation), Hilauli topped the ranking among Unnao's 17 blocks. 85 of Hilauli's schools were tested, out of which 40 were deemed to be 'NIPUN schools'.* This translates to 47% of Hilauli's schools being NIPUN, over triple the rate for Unnao overall (15%) and double the state average (24%).

**A 'NIPUN school' is defined as one in which 80% or more of sampled students passed the basic literacy assessment in each of Grade 1, 2 and 3.**

# GLOBAL ENDORSEMENT
## FROM HARVARD UNIVERSITY

Chapter 8 of 'Rebuilding Resilient Education Systems After the Covid-19 Pandemic', published in March 2023, documents the ALfA program in Shamli, and recommends its widespread adoption in UP.

**Click or scan QR to check out the book**
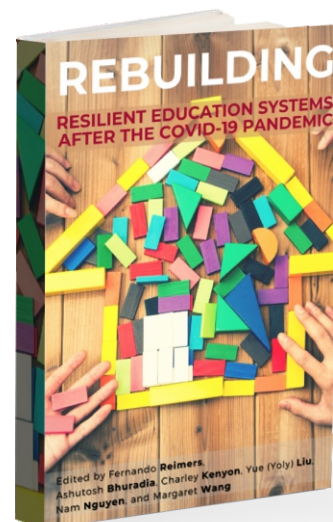


By Prof. Fernando Reimers et al, Harvard Graduate School of Education

### Grade 4&5, after just 40 days



Legend: ■ Reference ■ Intervention
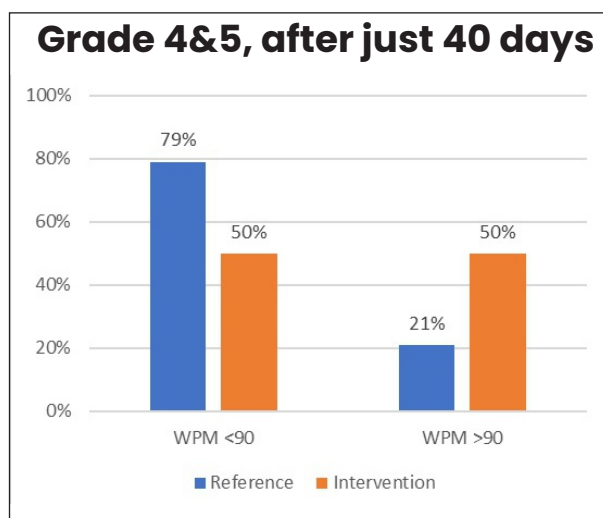
> "Students in the intervention groups had **much higher oral reading fluency** than those in the reference group. For Grades 4-5, 50% of the intervention group students were able to read the passage at >90 words per minute compared to 20% of reference group students."

> "The effect size* of the project was **0.23 for Grade 3** students and **0.89 for Grade 5**... the results suggest there is significant value in pursuing the ALFA model in other schools if implemented in a coherent, structured, and coordinated manner."

*\***Effect size** is a statistical measure of an intervention's impact. A business-as-usual school year in developing countries typically raises literacy levels by **0.15 to 0.21** standard deviations. This means that the ALfA 45-day intervention raised learning levels by the equivalent of **2-4 years worth of school.**

*Reference: Evans, David K.; Yuan, Fei. 2019. Equivalent Years of Schooling: A Metric to Communicate Learning Gains in Concrete Terms. Policy Research Working Paper;No. 8752. World Bank, Washington, DC.*

> "Accelerated Learning for All (ALfA), helps children quickly gain FLN competencies... students start with known words in the form of pictures, identify the sounds, and work backward to the letters.

> "We recommend the UP government incorporate the promising ALfA pedagogy developed by DEVI for the first 6 weeks to quickly establish a strong FLN foundation."

# A Groundbreaking Pedagogy

## ACCELERATING LEARNING FOR ALL

### Published by Bloomsbury
### January 2024

ALfA: Accelerating Learning for All breaks the shackles of the industrial education system, revolutionizing the school experience through peer learning and hands-on activities. The ALfA program enables children and adults alike to learn foundational literacy and numeracy in months rather than years. Beyond reading, writing and arithmetic, ALfA builds the crucial life skills of collaboration, creativity, citizenship and character.

Both a classroom guide for teachers and an implementation roadmap for policymakers, this book explores a transformative approach to teaching and learning. Sprinkled with anecdotes from teachers, principals & students, Accelerating Learning for All inspires and equips us to build a better education system."
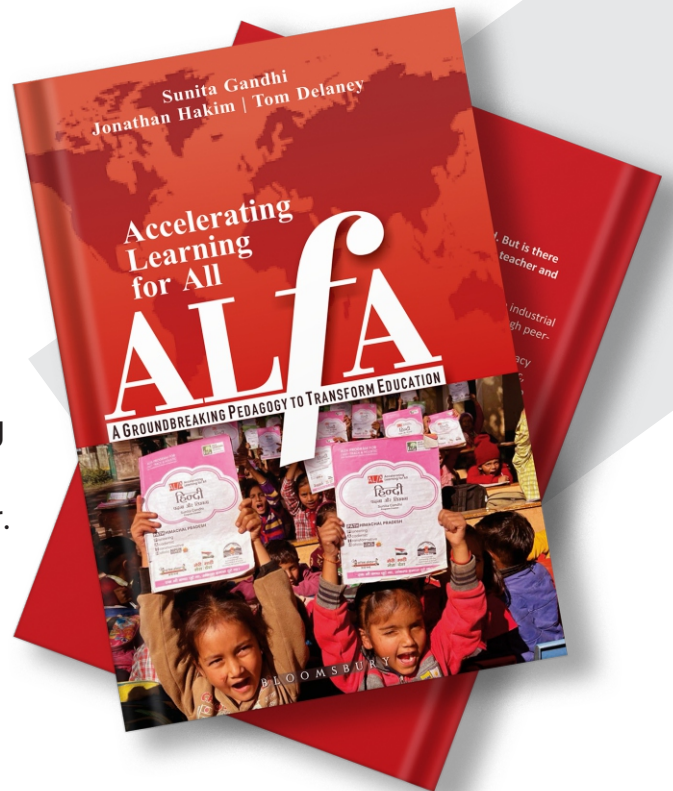
*"All students should be able to learn to read quickly so that they can maximize their academic potential and ALfA does that."*
**Jon Corippo**
**Founder of EduProtocols**

*"This book provide some insightful and unique ideas about creating a pedagogy of possibility. It will undoubtedly create the conditions for a better world."*
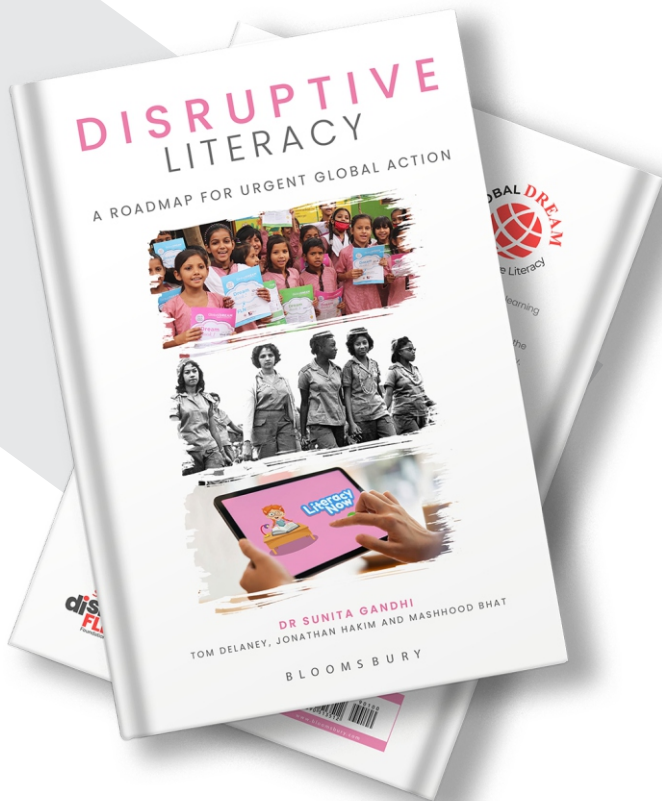**Sigamoney Naicker**
**Professor, University of the Western Cape**

# A Roadmap for Urgent Action

## DISRUPTIVE LITERACY



### Published by Bloomsbury (2022)

"Foundational literacy and numeracy are crucial to every person's well-being. A nation's literacy rate is a key predictor of its social and economic progress. Yet the world still has hundreds of millions of children in school but nor learning the basics, and adults deprived of these foundational skills. Why?

Drawing from remarkable examples of movements around the world, and sprinkled with stories from the authors' grassroots educational work in the Global Dream Accelerating Learning for All (ALfA) program, Disruptive Literacy is an easy-to-read but hard-to-ignore manifesto that will touch your heart and inspire you to action."

*"A much-needed manifesto for achieving large scale transformation of the global literacy crisis."*
**Ernesto Schiefelbein**
Former Minister of Education, Chile

*"A must read for policymakers and all those associated with the campaign against illiteracy."*
**Anil Swarup**
Former Secretary of Education, India

# Just 45 Days?

Literacy normally takes three years – or more – to acquire. But with the ALfA pedagogy, it is possible in as little as three months. Read on to find out how this disruptive structured pedagogy works, and what makes it different from traditional books.

Children work in pairs, one reading the ALfA book while the other asks questions and listens, then swapping roles.

# HOW IS ALfA SO FAST?
## A COMPARE & CONTRAST

ALfA is a structured pedagogy, with modules custom-designed to facilitate paired and activity-based learning.

| | ALfA | STANDARD TEXTBOOKS |
|---|---|---|
| Book length | **Slim & light** <br> 72 pages total: 32 reading + 12 writing + 28 maths | **Bulky & repetitive** <br> Often over 300 pages per grade per subject (Textbook + Workbook) |
| Learning methodology | **Student-led paired work** <br> Experiential learning about 80% of the time. | **Teacher-led whole class** <br> Experiential learning about 20% of the time. |
| Grouping strategy | **Random Pairing** <br> No child feels that there are low expectations of them. | **Ability Grouping** <br> Those in 'remedial' group lose self-esteem. |
| Timetabling | **Significant Flexibility** <br> Students can progress through the books at their own pace. | **Detailed Prescriptions** <br> Rigid, many are left behind the curriculum. |
| Type of questions | **Higher-order thinking** <br> Students pose questions for each other, developing cognitive skills. | **Lower-order questions** <br> Matching, true & false, fill in the blank style. |
| Numeracy methodology | **Simple TLMs for All** <br> Ice-cream sticks & matchsticks are provided to enable all children to participate. | **Insufficient TLMs** <br> Pictorial representation of activities in books, but without TLMs for everyone to participate. |
| Literacy methodology | **Known to Unknown** <br> Sound is derived from a picture, which is associated with a letter <br><br> Substantial reading practice for each matra. <br> 9-10 letters introduced per page. Writing introduced after reading. | **Unknown to Known** <br> 'A se Anaar'. One or at most two letters introduced per page <br><br> Minimal reading practice for any given matra. <br><br> Writing introduced simultaneously with reading. |

# HOW AL*f*A SAVES TIME
## EVERY STEP OF THE WAY

ALfA saves both time and paper, by using a structured pedagogy which swiftly scaffolds from simple to complex topics. Children make a lot of questions for each other, rather than needing hundreds of pages of workbooks.

## Grade 1

| NIPUN Competency | ALfA Program | Traditional Program* |
|---|---|---|
| Counting to 20 | **3 days** <br> 1.5 pages \| Module 1, 2 & 4 | **36 days** <br> 46 pages \| Week 8-13 |
| Read and write numbers up to 99 | **2 days** <br> 1 page \| Module 10 & 46 | **18 days** <br> 21 pages \| Week 14-16 |
| Solve word problems involving single-digit addition and subtraction | **2 days** <br> 1 page \| Modules 13 & 14 | **6 days** <br> 7 pages \| Week 18 |
| Recognize and describe the properties of 3D shapes | **1 day** <br> 1/2 page \| Module 8 | **6 days** <br> 7 pages \| Week 19 |
| Use numbers and shapes in short poems and stories | **2 days** <br> 1 page \| Module 38, 42 | Not covered |

*Based on an analysis of Uttar Pradesh Government workbooks

## Grade 2

| NIPUN Competency | ALfA Program | Traditional Program* |
|---|---|---|
| Read and write numbers up to 999. | **3 days** <br> 1.5 pages \| Module 17-18, 46 | **42 days** <br> 49 pages \| Week 4-10 |
| Solve addition and subtraction problems (including word problems) with numbers up to 99 | **2 days** <br> 1 page \| Module 15 & 16 | **12 days** <br> 14 pages \| Week 15-16 |
| Understand multiplication as repeated addition, and construct the 2, 3 and 4 times tables | **2 days** <br> 1 page \| Module 21, 44 | **6 days** <br> 7 pages \| Week 17 |
| Recognise and describe 2D shapes such as rectangle, triangle, square, circle etc | **1 day** <br> 1/2 page \| Module 7 | **6 days** <br> 7 pages \| Week 19 |
| Use prepositions such as near/far, inside/outside, high/low, left/right, front/back | **2 days** <br> 1 page \| Module 11, 31 | **18 days** <br> 21 pages \| Week 1-3 |

## Grade 3

| NIPUN Competency | ALfA Program | Traditional Program* |
|---|---|---|
| Read and write numbers up to 9999 | **2 days** <br> 1 page \| Module 18, 46 | Only covered up to 999 |
| Solve addition and subtraction problems (including word problems) with numbers up to 999 | **2 days** <br> 1 page \| Module 19 & 20 <br> Includes 4 digit numbers | **6 days** <br> 7 pages \| Week 21 |
| Construct times tables form 2 to 10, and use division facts | **5 days** <br> 2.5 pages \| <br> Module 21-24, 44 | **12 days** <br> 14 pages \| Week 12-13 |
| Notice, describe and construct simple patterns in numbers, events, and shapes | **1 day** <br> 1/2 page \| Module 6 | **6 days** <br> 7 pages \| Week 20 |
| Recognise and read dates off a calendar, be able to tell the time. | **2 days** <br> 1 page \| Module 27-28 | Not covered |

# HOLISTIC EDUCATION
## THROUGH AL*f*A

ALfA seamlessly integrates the skills and traits of a twenty-first century learner. These 8Cs cannot be taught from a textbook, but rather acquired while working with each other in the everyday context of a classroom. The paired setting creates a safe environment in which learners feel free to share and express.



**Creativity** expands by solving questions using hands-on materials

**Critical thinking** is built through making questions for each other.

**Communication & collaboration** skills flourish by working in pairs.

**Citizenship & character** grows by working with many different peers.

**Climate consciousness** developed through role plays & short stories.

**Connectedness** enhances social, emotional and mental well-being.



Communication

Critical Thinking

Citizenship

Climate Consciousness

**4C Skills**

**4C Traits**

+

Creativity

Collaboration

Connectedness

Character
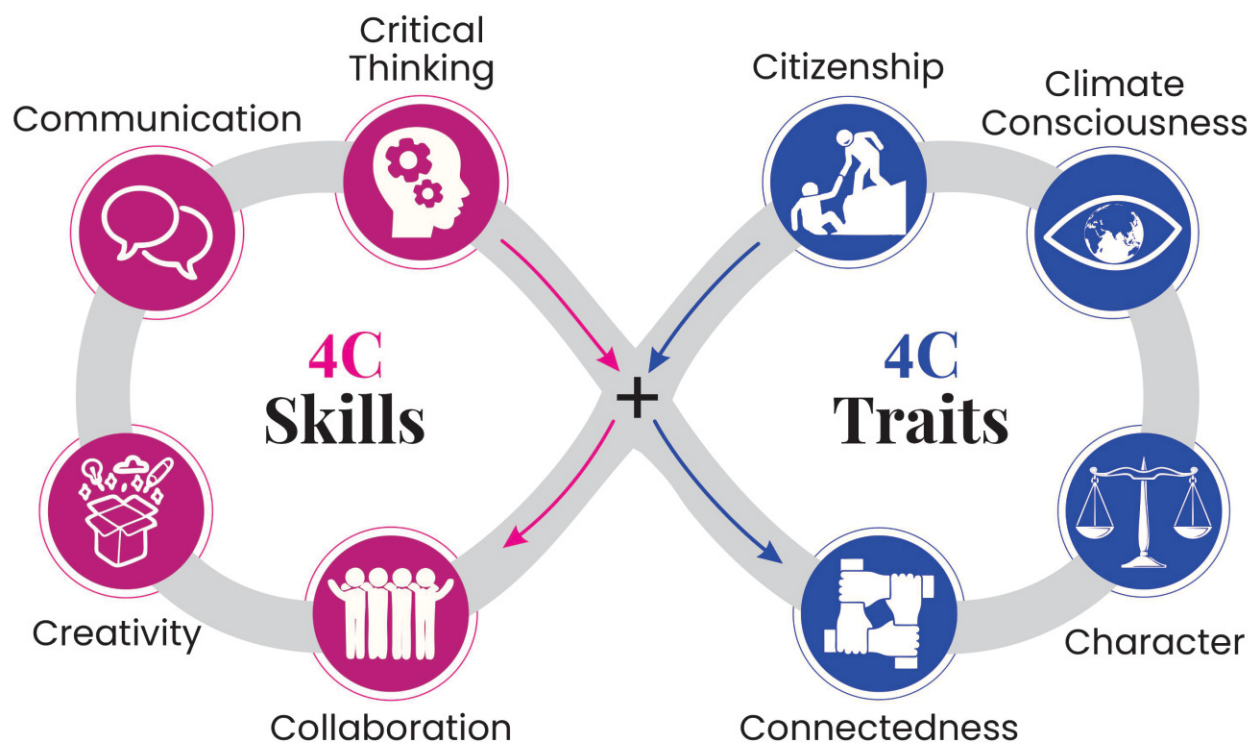
# A LOW CARBON EDUCATION

**Climate Footprint**

ALfA booklets are thin and are shared between two children, drastically reducing the paper and carbon footprint.

**Climate Consciousness**

Children avoid plastic and learn to select and use sustainable materials like pebbles, shells and leaves for hands-on activities.

**Climate Action**

Climate action is integrated in activities. Learners enact roleplays and read stories that inspire climate action.

# ALfA vs Traditional Classrooms

| Traditional classroom | ALfA classroom |
|---|---|
| Transaction of learning is from **teacher to student**. Much **rote memorisation.** | Transaction of learning is from **student to student.** Learning is derived. No rote learning. |
| Children are **grouped by skill level**. | **Random pairing** ensures greater academic learning, a highly interactive environment, and development of **21st Century Skills**. |
| Students work in **whole class** or groups, sit in rows facing the teacher. | Students work **entirely in pairs**; they face each other. Pairs are changed everyday. |
| Knowledge is **abstract**, with sometimes hands-on activities. | Children learn primarily through **hands-on activities**; use simple materials like matchsticks and ice cream sticks to learn entire mathematics. |
| Textbooks and workbooks are **bulky**. Designed for teachers to teach from. | **Thin booklets**, short modules with teacher prompts, are designed for children to learn by themselves. |

# HOW IS THE ALfA CURRICULUM STRUCTURED DIFFERENTLY?



| Feature | Traditional Literacy | ALfA Literacy |
|---|---|---|
| Introduction of letters | Multiple pictures per letter | Multiple pictures per letter10 letters introduced per page |
| Approach to learning | Writing and reading simultaneously | Picture to sound to letter |
| Starting point for reading | Single letter per page | Words from the very first lesson |
| Reading practice | Limited | Practice with new words made from same letters |
| Introduction of writing | After reading | Only after reading |
| Engagement in activities | Activities require little thought | Highly creative and engaging |
| Transaction of learning | Teacher to students | Child to child |

**Additional points:**

- Traditional Books focus on gradual introduction to literacy concepts.
- ALfA Books emphasize active participation and peer learning.

## Left worksheet (गिनतारा-2)

**① जोड़ करें-**

| | | | |
|---|---|---|---|
| 28 <br> + 11 | 55 <br> + 25 | 82 <br> + 17 | 48 <br> + 29 |
| 35 <br> + 16 | 63 <br> + 28 | 65 <br> + 27 | 35 <br> + 52 |

**② हल करें-**

65 + 23 = ☐
53 + 27 = ☐
72 + 13 = ☐
78 + 15 = ☐
58 + 23 = ☐
35 + 47 = ☐

**③ मिलान करें-**

62 + 18    86
55 + 23    47
57 + 29    63
18 + 31    80
32 + 15    78
27 + 36    49

बच्चों को हो रही कठिनाइयों को समझें और योजना के अनुसार रेमीडीयल कार्य करें।

☆ 👍 😊    DD / MM / YYYY

कार्यपुस्तिका गिनतारा–2    119

## Right worksheet (Numeracy Book)

**मॉड्यूल 11: हम 1 और 2 अंकीय संख्याओं को घटा सकते हैं।** — Level A

मेरे पास 13 संतरे थे। मैंने अपने दोस्त को 5 संतरे दे दिए। मेरे पास अब कितने संतरे बचे हैं?

आलिया के पास ₹52 थे। उसने ₹16 खर्च कर दिये। अब आलिया के पास कुल कितने रुपए शेष है?

13
13 – 5
13 से निकले 5 बचे 8
13 − 5 = 8

दहाई   इकाई    द0 इ0
    5 2
   − 16
3   6
30 + 6 = 36

**संकेत : जोड़ो में बैठ कर**
आइसक्रीम स्टिक और माचिस की तीलियों से पहली संख्या निकालें, फिर दूसरी संख्या को उसमें से घटाएं। माचिस की तीलियां कम पड़ने पर एक आइसक्रीम स्टिक को संख्या बैंक में रख कर उसके बदले दस माचिस की तीलियाँ ले लें, फिर घटाएं।

**मॉड्यूल 12: हम 3 अंकीय संख्याओं को घटा सकते हैं।** — Level B

राधा के बैंक खाते में ₹541 हैं। वह ₹279 निकाल लेती है। उसके खाते में अब कुल कितने रुपए शेष बचे हैं?

सैकड़ा   दहाई   इकाई    सै0 द0 इ0
    5 4 1
   − 2 7 9
2   6   2
200 + 60 + 2 = 262

**संकेत : जोड़ो में बैठ कर**
दिए गए प्रश्न हल करें। एक–दूसरे के लिए तीलियों और स्टिक्स के साथ अन्य प्रश्न बनाएं, फिर कॉपी में हल करें। कॉपी में एक दुसरे के लिए नए नए प्रश्न बनाये और तीलियों और स्टिक्स के साथ हल करें।

NID Accelerating Learning for All | NUMERACY BOOK

DEVI SANSTHAN Dignity Education Vision International | LEAVE NO ONE BEHIND

---

| Feature | Traditional Math | ALfA Math |
|---|---|---|
| Activities | Limited | Dialogue format for peer learning |
| Hands-on materials | Insufficient TLMs for everyone | Pictorial depiction provided |
| Question style | Repetitive questions | Few examples, children generate additional questions |
| Creativity | Little scope | Simple prompts guide creativity |

**Additional points:**

- Traditional Math may face challenges with access to hands-on materials for all students.
- ALfA Math fosters peer interaction and encourages students to generate their own questions, enhancing engagement and critical thinking.

# Third-Party Evidence

ALfA is much more than just an educational theory, it has shown **remarkable results** in the real world. This section shares the results from ALfA implementation in **four districts of Uttar Pradesh** - Shamli, Lucknow, Barabanki and Unnao. Both Third Party testing and the government NIPUN Achievement Test showcased impressive learning improvements.
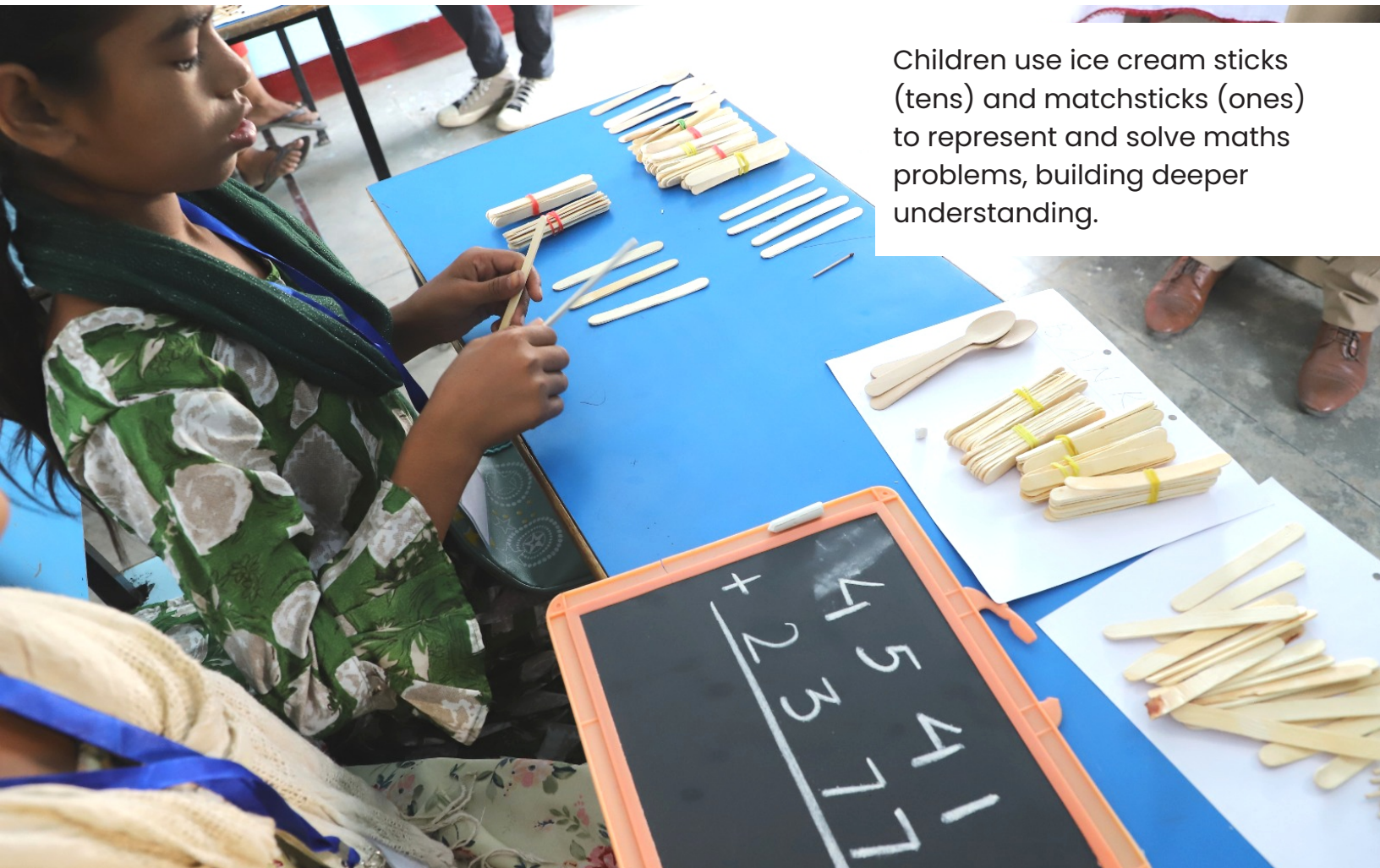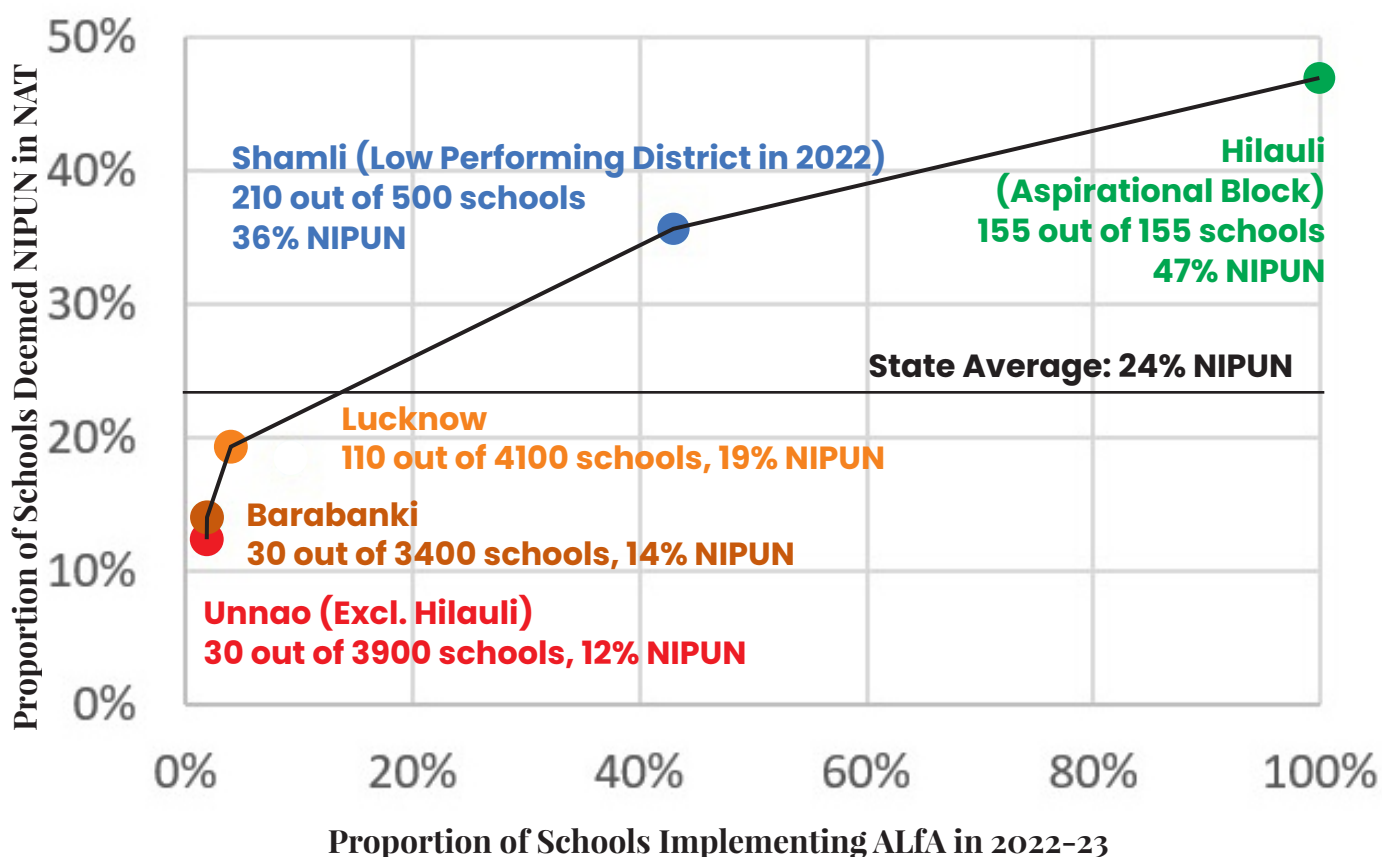
Children use ice cream sticks (tens) and matchsticks (ones) to represent and solve maths problems, building deeper understanding.

# NIPUN ACHIEVEMENT TEST

The NIPUN Achievement Test was conducted in schools across the state in late 2023, and results were released in February 2024. District-wise analysis showed a strong correlation between the proportion of schools taking up ALfA in a particular district, and its scores on the NAT, as shown in the figure below.



## District & Block Level correlation between ALfA implementation and NIPUN Achievement Test Results



Proportion of Schools Deemed NIPUN in NAT (y-axis)

Shamli (Low Performing District in 2022)
210 out of 500 schools
36% NIPUN

Hilauli (Aspirational Block)
155 out of 155 schools
47% NIPUN

State Average: 24% NIPUN

Lucknow
110 out of 4100 schools, 19% NIPUN

Barabanki
30 out of 3400 schools, 14% NIPUN

Unnao (Excl. Hilauli)
30 out of 3900 schools, 12% NIPUN

Proportion of Schools Implementing ALfA in 2022-23
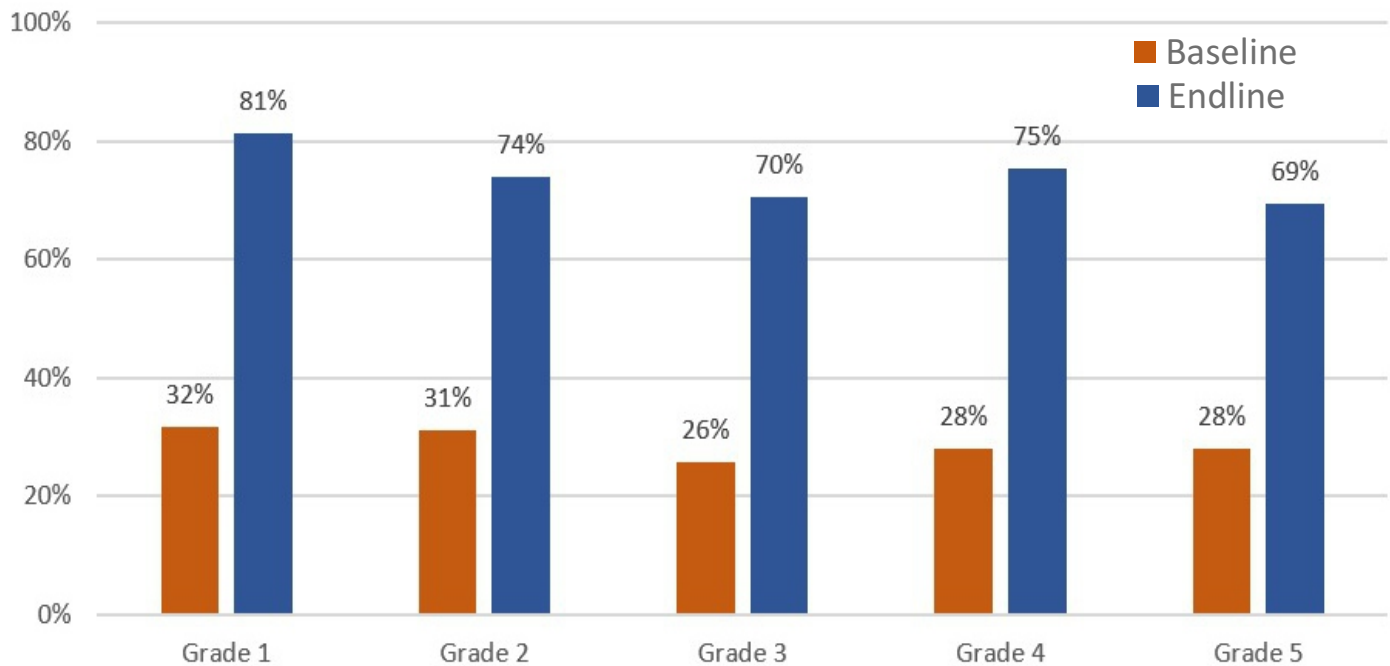
## Notes

1. Unnao, Barabanki and Lucknow all had a small proportion of schools implementing ALfA, and scored under the state average (24%).

2. Shamli, though a low-performing district in 2022, had almost half its schools implement ALfA. It scored well above the state average, and ranked 18th out of 75 districts.

3. Hilauli, an aspirational block, implemented ALfA in all 155 schools. It came first out of 17 blocks in Unnao.

4. Across these four districts, an average of 17% of schools were deemed NIPUN. Among ALfA schools, 35% of those tested were found to be NIPUN.

# BLOCK LEVEL HILAULI (UNNAO)
## 155 SCHOOLS 14,503 STUDENTS

Following the impressive results in other districts, the Block Education Officer of Hilauli (Unnao district) requested ALfA implementation in all the schools of his block. The ALfA program's success in doubling the test scores of an NAT-style assessment between October and December 2023 showed that it is possible to achieve dramatic results in record time. Students showed huge improvements across different grade levels, in both Hindi and Maths.
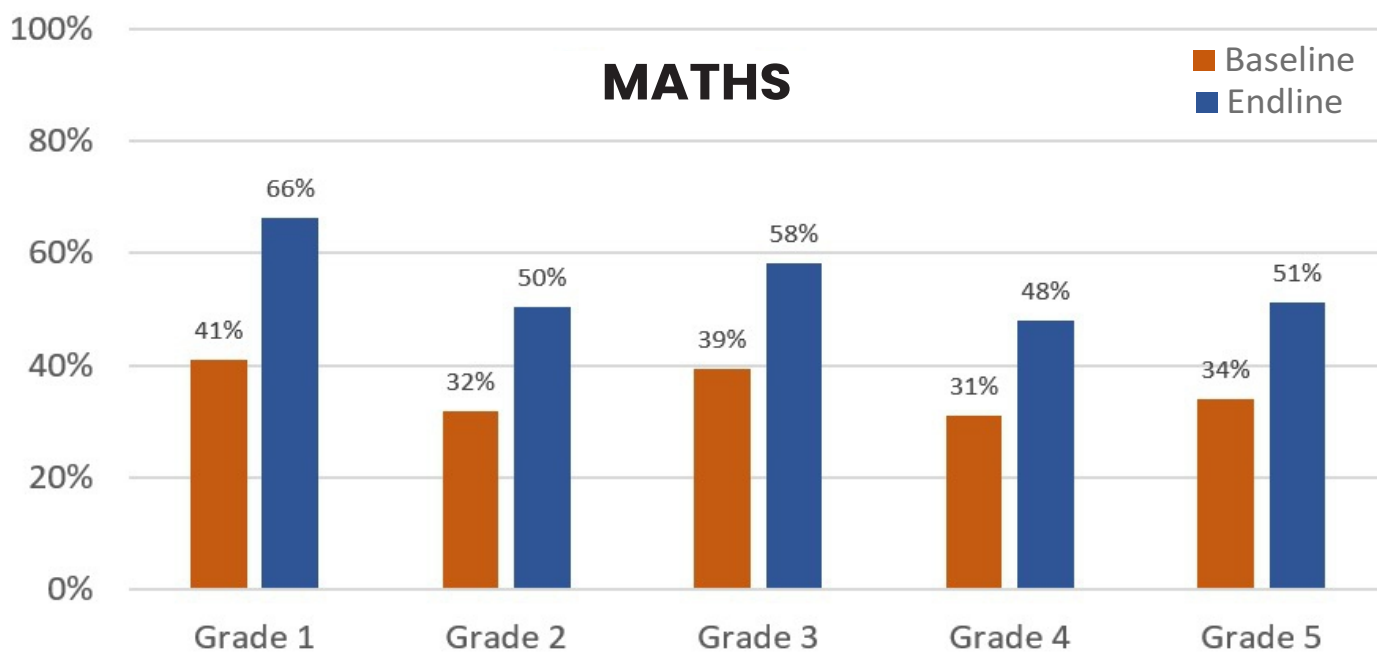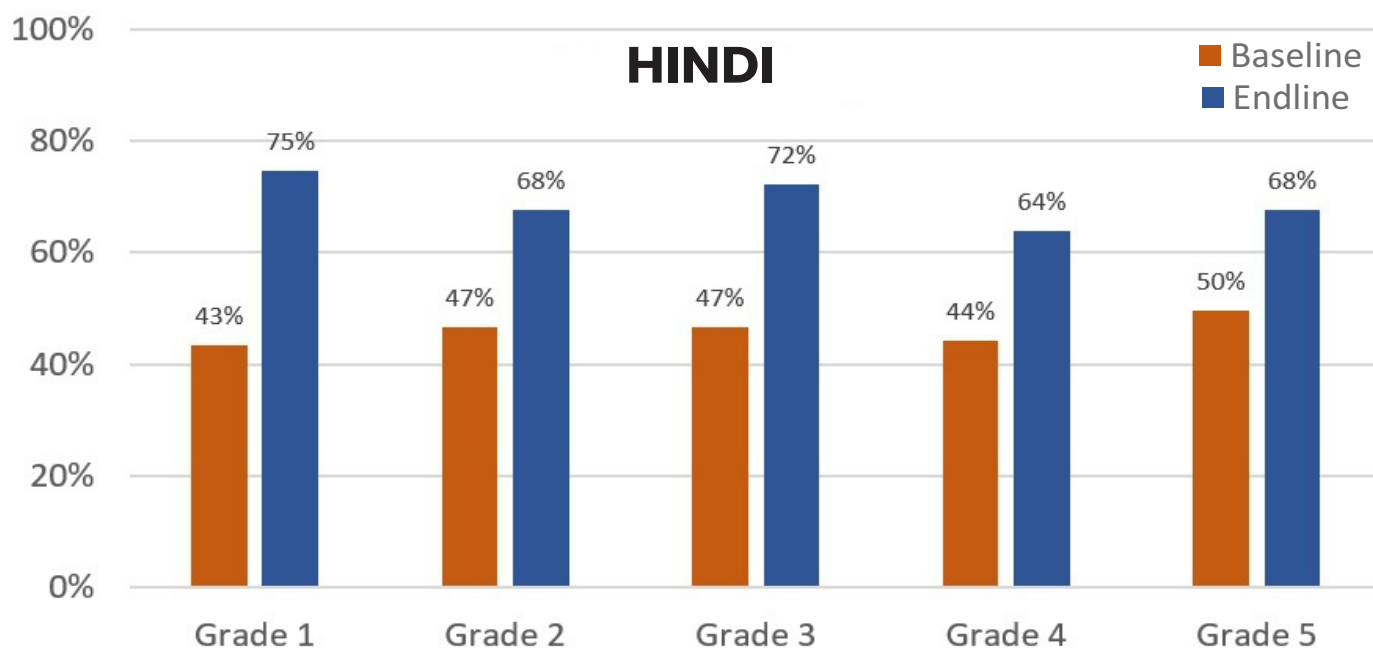


| | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 |
|---|---|---|---|---|---|
| Baseline | 32% | 31% | 26% | 28% | 28% |
| Endline | 81% | 74% | 70% | 75% | 69% |

**Testing was conducted in randomly selected 42 out of 155 Schools.**
**Baseline: Oct 2023; Endline: Dec 2023**

# BLOCK LEVEL HILAULI (UNNAO)

Using the ALfA assessments, the students showcased impressive gains of 23 percentage points in Hindi and 20 percentage points in Maths. Learning improvements were very similar across all Grades from 1 to 5, further demonstrating the versatility of the ALfA program.

## HINDI

Baseline / Endline

| | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 |
|---|---|---|---|---|---|
| Baseline | 43% | 47% | 47% | 44% | 50% |
| Endline | 75% | 68% | 72% | 64% | 68% |

## MATHS

Baseline / Endline

| | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 |
|---|---|---|---|---|---|
| Baseline | 41% | 32% | 39% | 31% | 34% |
| Endline | 66% | 50% | 58% | 48% | 51% |

**Testing was conducted in randomly selected 42 out of 155 Schools.**
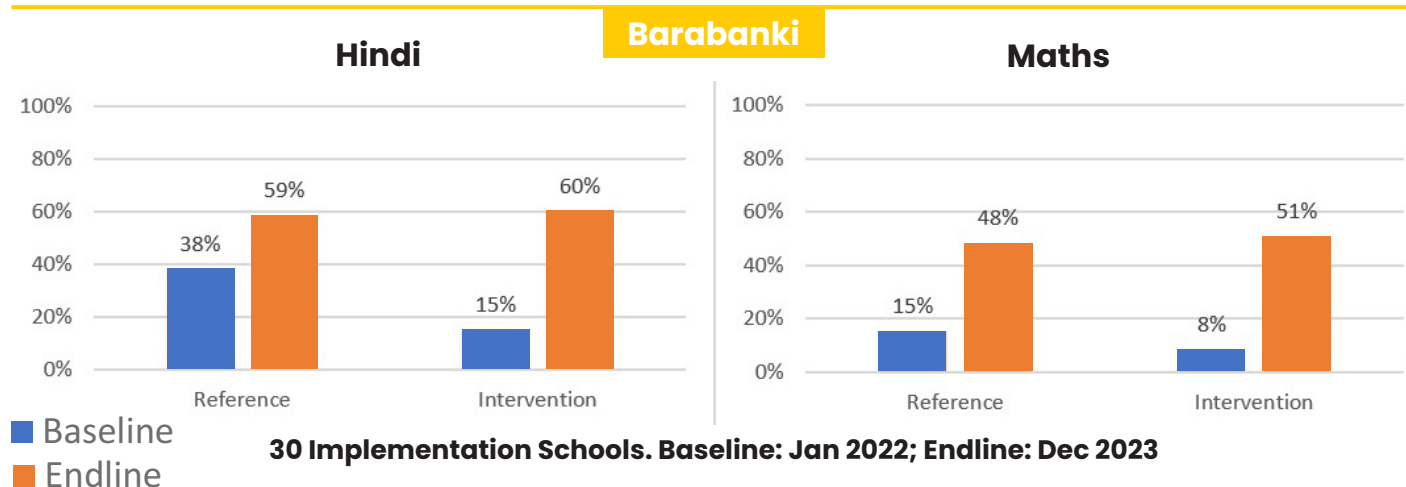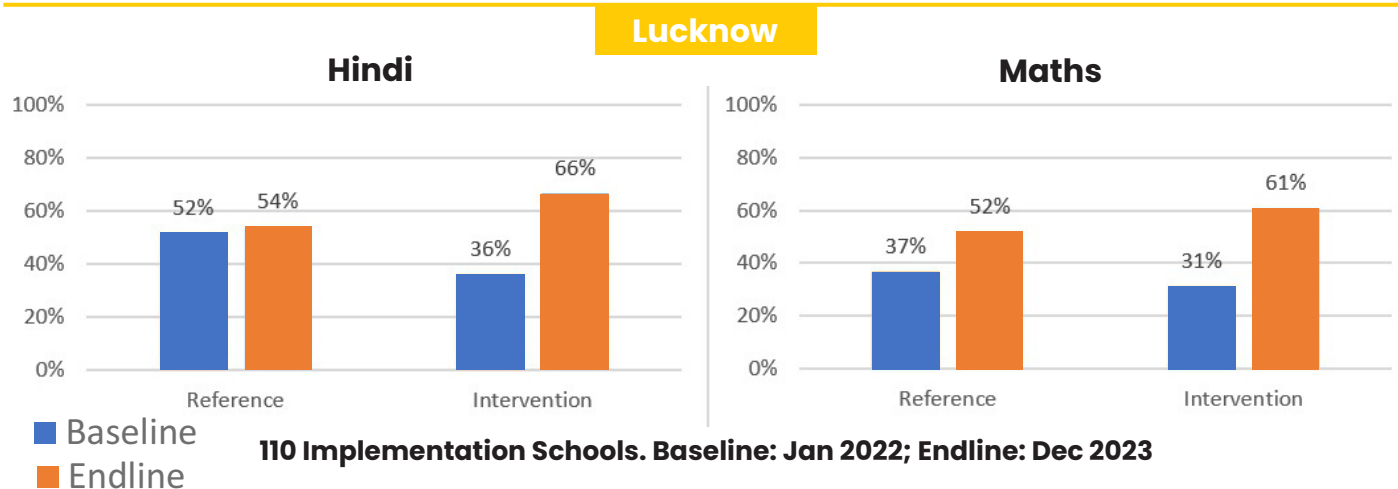**Baseline: Oct 2023; Endline: Dec 2023**

# DISTRICT PILOTS LUCKNOW & BARABANKI
## 140 SCHOOLS 33,689 STUDENTS

The results from Lucknow and Barabanki showcased a rate of improvement in the ALfA classes more than double that of the reference group schools over the course of 2023. Results were particularly impressive for Hindi. All results shown here are for Grade 3, as it was not possible to track the same cohort of Grade 5 students who graduated at the end of the academic year and moved into upper primary school.

### Effect Sizes



- Hindi
- Maths

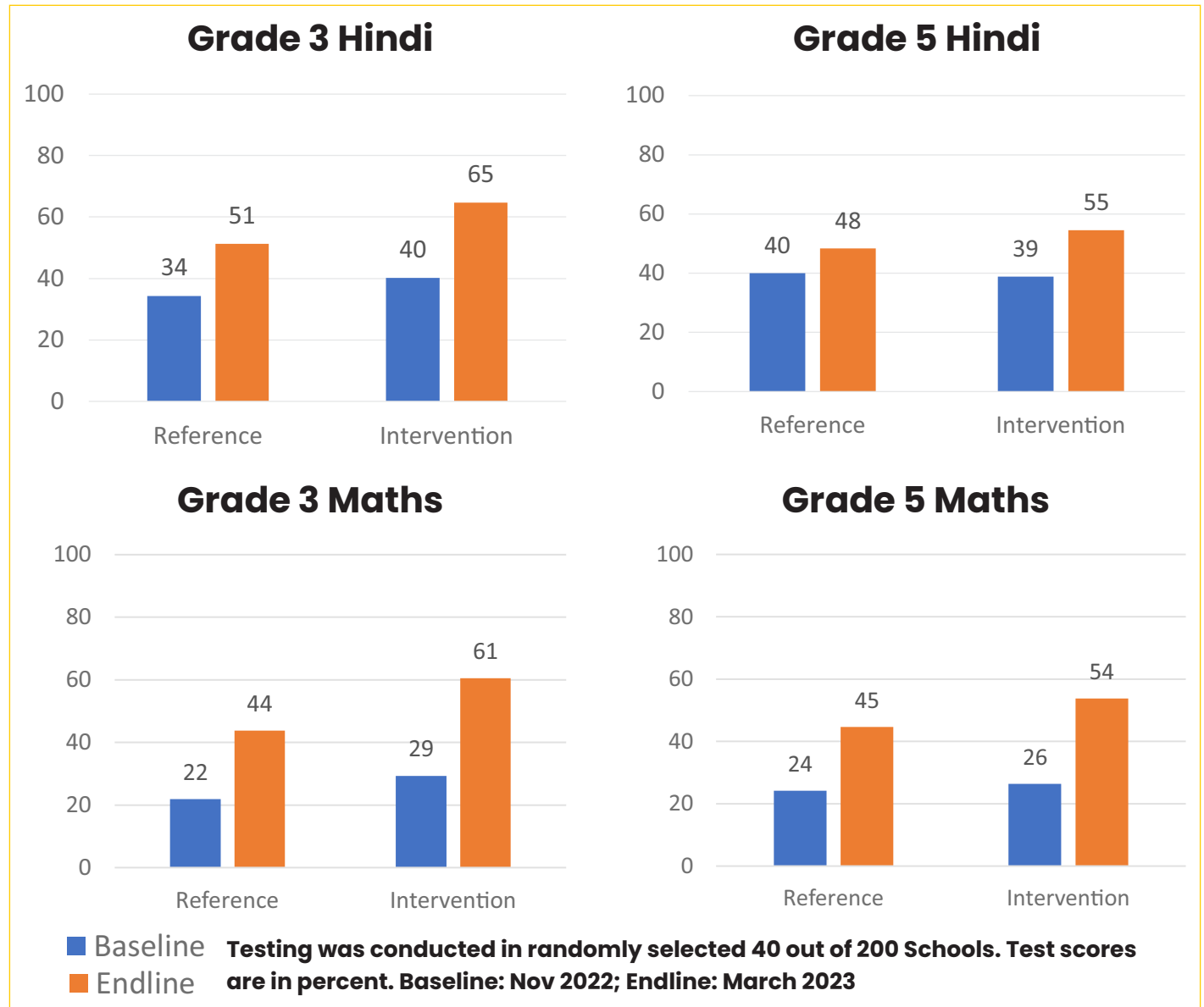Barabanki: Hindi 0.46, Maths 0.31
Lucknow: Hindi 1.28, Maths 0.68
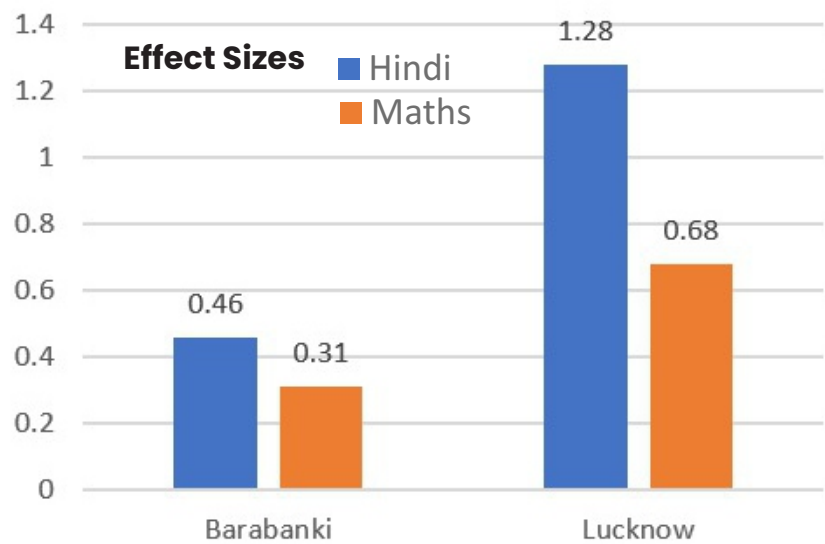
***Effect size is a statistical measure of an intervention's impact. A typical year of schooling in a developing country lifts children's literacy levels by 0.15-0.21 units of this metric.**

## Lucknow

### Hindi



Reference: Baseline 52%, Endline 54%
Intervention: Baseline 36%, Endline 66%

- Baseline
- Endline

### Maths



Reference: Baseline 37%, Endline 52%
Intervention: Baseline 31%, Endline 61%

**110 Implementation Schools. Baseline: Jan 2022; Endline: Dec 2023**

## Barabanki

### Hindi



Reference: Baseline 38%, Endline 59%
Intervention: Baseline 15%, Endline 60%

- Baseline
- Endline

### Maths



Reference: Baseline 15%, Endline 48%
Intervention: Baseline 8%, Endline 51%

**30 Implementation Schools. Baseline: Jan 2022; Endline: Dec 2023**

# DISTRICT PILOT SHAMLI
## 210 SCHOOLS 43,787 STUDENTS

ALfA students' rate of learning was over 1.5x greater compared to students in non–ALfA schools, with similar gains across different grade levels and subjects.

### Grade 3 Hindi

| | Reference | | Intervention | |
|---|---|---|---|---|
| Baseline | 34 | | 40 | |
| Endline | | 51 | | 65 |

### Grade 5 Hindi

| | Reference | | Intervention | |
|---|---|---|---|---|
| Baseline | 40 | | 39 | |
| Endline | | 48 | | 55 |

### Grade 3 Maths

| | Reference | | Intervention | |
|---|---|---|---|---|
| Baseline | 22 | | 29 | |
| Endline | | 44 | | 61 |

### Grade 5 Maths

| | Reference | | Intervention | |
|---|---|---|---|---|
| Baseline | 24 | | 26 | |
| Endline | | 45 | | 54 |

■ Baseline
■ Endline

**Testing was conducted in randomly selected 40 out of 200 Schools. Test scores are in percent. Baseline: Nov 2022; Endline: March 2023**

# Teacher Empowerment

ALfA combines its unique pedagogy with powerful teacher training tools. It offers a coherent package, with pedagogy, learning materials, teacher training and resources working hand-in-hand to lighten educators' load. ALfA assessments enable teachers and policymakers alike to precisely diagnose and swiftly address learning gaps in specific competencies.

Children read the Hindi ALfA book together, with the teacher watching on as a support

# A STRUCTURED PEDAGOGY

Accelerating Learning for All (ALfA) is a groundbreaking structured pedagogy, designed to enable children to gain foundational literacy and numeracy skills in as little as 45 days. What makes ALfA so effective? It is the combination of learning materials, pedagogy, curriculum and teacher training.

## PAIRED LEARNING

The transaction of learning is not from teacher to student, but rather between two children.





## PEDAGOGY

Children work from known to unknown: rather than 'a se anaar', they derive the first sound from a picture.

## CURRICULUM

Books are simple, modular, and highly visual, enabling children to learn independently.





## HOLISTIC EDUCATION

ALfA doesn't just develop children's academic abilities; it fosters 21st century skills including creativity, critical thinking and collaboration.

# TEACHER TRAINING AT SCALE

## Data Highlights MASSIVE OPEN ONLINE TRAINING (March 2023)

| **66** | **93%** | **97%** | **99%** |
|---|---|---|---|
| **countries** with representatives from all 6 continents participated | of participants found the online format of the training to be **effective** | of participants **passed the quiz** & were shared free access to ALfA materials | of teachers said they had **new take-away points** from the training |



Several audience polls were used in the Hindi sessions of the MOOT to gauge participants' attitude. The results, which were overwhelmingly positive, are shown below.
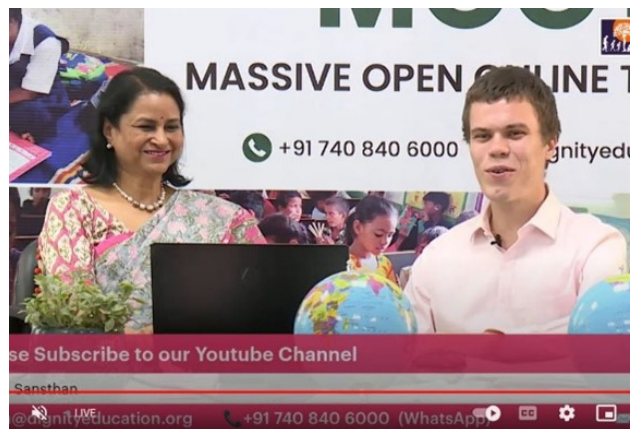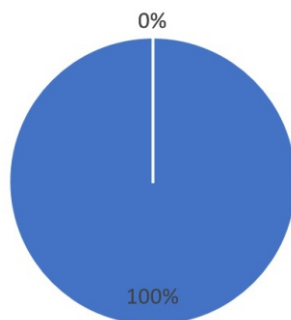
### How did you find **today's training?**
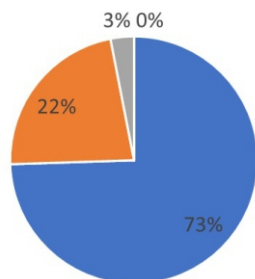
- 73% Excellent
- 22% Quite Good
- 3% Ok
- 0% Nothing new

### Do you want to adopt the **ALfA pedagogy** and processes in your classes?
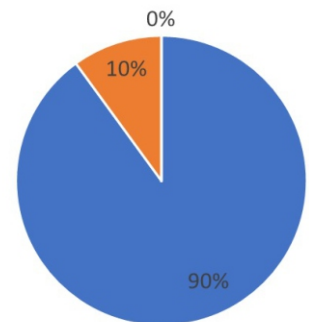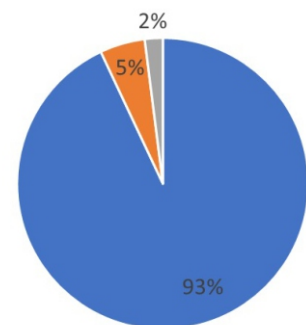
- 90% Yes
- 10% Maybe
- 0% No

### Do you want to adopt **paired learning** in your classes?

- 100% Yes
- 0% Maybe
- No

### Has the **online format** of this MOOT been effective for you?

- 93% Yes
- 5% Maybe
- 2% No

# VIDEO EVIDENCE



to watch a video of Shamli students performing **above Grade Level** after 45 days of ALfA implementation.



to hear the **testimonies of Unnao teachers** implementing the ALfA program.



to view a **news report by the Print** on ALfA implementation in Shamli.



to see the difference ALfA is making in **government schools of Lucknow**.

## How were these videos made?

WhatsApp groups were set up for different blocks/districts. Teachers were encouraged to post their photos, videos and any questions in the WhatsApp groups, much of the footage in this video was shared by classroom teachers.



to listen to teachers' reviews about the **literacy program in Barabanki.**

# TECH-ENABLED RESEARCH

A multiple-choice question paper was designed based on the NIPUN Bharat Competencies (for Balvatika to Grade 3) and the National Achievement Survey (for Grade 5), in consultation with DIET. The paper was divided into three sections based on the Grade level of the NIPUN competency being tested by each question.



Balvatika and Grade 1 students did only Section A, which was age appropriate. Grade 2 & 3 students did Section B (age appropriate) but also Section A. Grade 4 & 5 students did all three sections, as shown in the diagram below. This unique design enables cross-grade comparisons of children's learning.

| | | | | Section C | |
| | | Section B | | | |
| Section A | | | | | |
| Balvatika | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 |

Assessment was invigilated by a third party (college students), after receiving a training from the DEVI team. The surveyors requested teachers requested to remain outside the classroom during the tests, to minimise the possibility of cheating.

## Instant, Detailed Competency-Wise Feedback with Pragati App



**STEP 1**
Children sit test

**STEP 2**
Answers filled on OMR sheet by surveyors

**STEP 3**
OMR sheet scanned & uploaded using DEVI's Pragati App

# COMPETENCY-WISE ANALYSIS

The endline test given is scientifically similar to the baseline (though not identical), allowing a genuine measurement of progress. The Pragati App generates a detailed personalized report card at multiple levels (child, class, school, district) which shows with a colour code which topics have been mastered and which need more work. Pragati report cards enable children to focus on their progress over time rather than comparing against others.
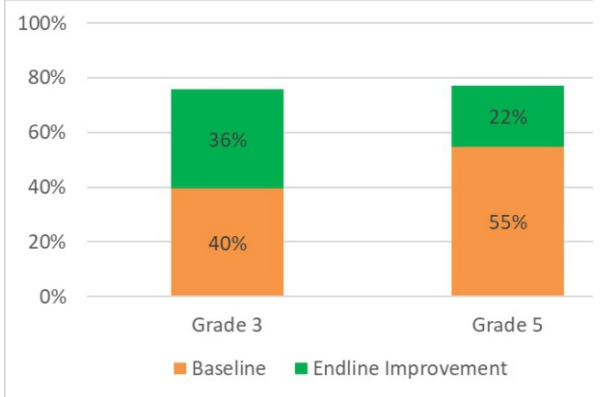


## Grade 2, Dakshata 4 Answering comprehension questions from unseen passage.

**HINDI**

प्र8. पक्षी क्या–क्या करते हैं? इसमें कौन सा उत्तर गलत है।

(A) पता नहीं

(B) ऊँची उड़ान भरते हैं

(C) खूबसूरत घोंसले बनाते हैं

(D) अण्डे देते हैं

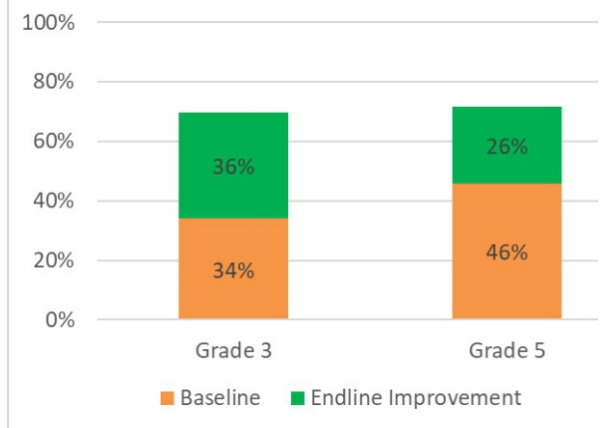(E) मनुष्यों से बातें करते हैं

(F) चूज़ों की देखभाल करते हैं



Grade 3: Baseline 40%, Endline Improvement 36%
Grade 5: Baseline 55%, Endline Improvement 22%
Baseline ■ Endline Improvement

## Grade 1, Dakshata 2 Understanding and representing sequences & patterns.

**MATHS**

प्र12. खाली वर्गों में उचित संख्या भरें।

| | | 95 | | 97 |

(A) पता नही

(B) 93, 94, 96

(C) 92, 94, 98

(D) 92, 93, 98

(E) 91, 92, 93

(F) 92, 93, 96



Grade 3: Baseline 34%, Endline Improvement 36%
Grade 5: Baseline 46%, Endline Improvement 26%
Baseline ■ Endline Improvement

**Graphs show the baseline and level of progress on specific competencies in Shamli Phase 2 Implementation (200 schools, 45 days)**

# Our Credentials

The AL*f*A program was launched only recently, in 2022. But DEVI Sansthan has a long history of educational innovations, leading to recognition and support from many leaders and international experts.



Dr Sunita Gandhi meeting with Anita Karwal, Secretary, Ministry of Education in 2022. Smt Karwal requested ALfA implementation in two low-performing districts: Shamli (UP) and Sambalpur (Odisha).

# MILESTONES ALfA's JOURNEY SO FAR

## 2022

### March
### MOU FOR 2 DISTRICTS

Anita Karwal (Secretary, Ministry for Education) requests ALfA implementation in two low-performing districts: Shamli (UP)and Sambalpur (Odisha).

### June
### FIRST TEACHER TRAININGS

DEVI conducts training for teachers from 10 schools randomly selected from Shamli's five blocks, followed by baseline testing in the schools.

### October
### Shamli Scale-Up

MOU signed to scale up Shamli implementation to Grade 3 and Grade 5 in 200 schools. Teacher training & testing follows.

### November
### 15 districts

MOU signed to scale up ALfA implementation to 15 districts across Uttar Pradesh.

## 2023

### January
### 170 more schools

Training 800 teachers from Lucknow, Unnao and Barabanki, followed by baseline testing. ALfA program commences in a further 170 schools.

### March
### Harvard Research

Book 'Rebuilding Resilient Education Systems After the Covid-19 Pandemic' published by Harvard Graduate School of Education. Chapter 8 discusses ALfA in Shamli.

### October
### Full Block

The BEO of Hilauli, district Unnao requests ALfA implementation across the 165 schools of his block. Implementation begins after training and baseline surveys.

## 2024

### January
### New Book

Endline testing is conducted across a sample of schools in Hilauli, Lucknow and Barabanki, showcasing tremendous results.

# GLOBAL ADVISORY COMMITTEE

We thank our advisory committee members for their guidance and motivation.

**Aïcha Bah Diallo**
Founding Member of
FAWE, Guinea

**Alesha Anderson**
Senior Program
Officer at Pro-Literacy
Worldwide, USA

**Alexandre Romanovsky**
Advisor to Companies
Dedicated to the United
Nations, USA

**Bill Graham**
Vice Chair, NGO Committee
for Education, Learning &
Literacy at the United
Nations in New York, USA

**David J. Rosen**
Director, Adult Literacy
Resource Institute, University
of Massachusetts, USA

**David Bovill**
Partnerships Manager,
DEIP, UK

**Ernesto Schiefelbein**
Chilean Pedagogue,
Professor, Economist &
Politician, Chile

**Fred Mednick**
Founder, Teacher
Without Borders, USA

**Chetnaa Mehrotra**
Founder, Applied
Theatre Urganization
(Rangbhumi), India

**Chris Macrae**
Head of Talent, Diversity,
Equity and Inclusion at
GlaxoSmithKline, USA

**Cindy Charles**
Kupanda Sisters Inc.
Founder & CEO,
Guyana

**Inger-Mette Stenseth**
Founder, World Climate
School, Norway
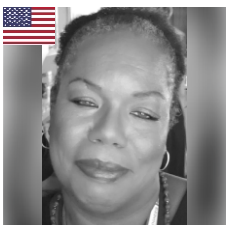
**Gail Davvis-Carter**
UN ECOSOC Representative,
UN Partner and Social
Entrepreneur, USA

**Girish Menon**
CEO, STIR Education,
UK

**Joanne Telser-Frere**
Director, Program
Development, USA

**Jon M Corippo**
Author, Eduprotocols,
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**Kyle Zimmer**
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**Mary McCool Berry**
Founder, Read Keys,
USA

**Michael Matos**
Education Technology
Director, ScaleLIT, USA

**Navneet Anand**
Director, GreyMatters
Communications &
Consulting, India

**Nicolas Gravel**
Professor of Economics,
Aix-Marseille University,
France

**Nixon Joseph**
CEO, Children's
LoveCastles Trust,
India

**Peter Campling**
Global Programmes
Director, USA

**Peter Kwasi Kodjie**
Secretary-General All
Africa Student's Union,
Ghana

**Rana Dajani**
President, We Love
Reading, Jordan

**Ravi Sreedharan**
Founder & President, Indian
School of Development
Management, India

**Rebecca Doreen**
Founding Director,
Vadiwa Trust
Organization, Zimbabwe

**Richard Allen**
Director of Partnerships,
VOYCE, USA

**Robert Thorn**
Director, Developing Real
Learners & Academy of
Learner Development, Turkey

**Samuel Sasu Adonteng**
Programmes Officer for
Tertiary Education, AASU,
Ghana

**Sigamoney Naicker**
Professor, University of
the Western Cape,
South Africa

**Sigbjorn Dugal**
Founder, Pickatale
Norway

**Stephen Peters**
President, The Peters
Group, USA

**Sylvia Guimarães**
Co-founder & President,
Vaga Lume, Brazil

**Vicky Colbert**
Founder & Director,
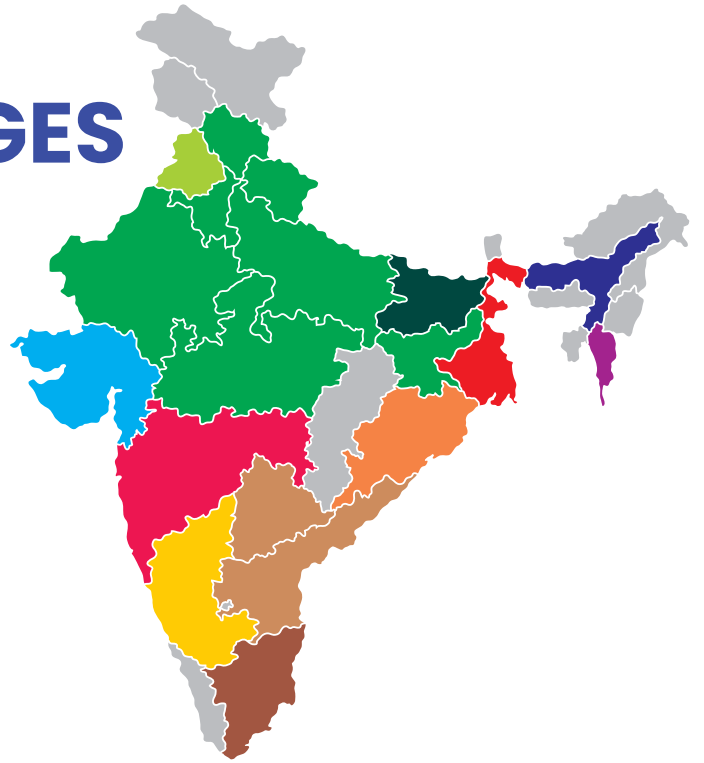Fundación Escuela Nueva,
Colombia

# International Impact

ALƒA is changing lives far beyond India, in contexts as diverse as the remote Peruvian Amazon and the suburbs of Chicago, USA. Available in 30+ languages, this low-cost, high-efficacy program is ready to scale up further in the effort to bring literacy for all.



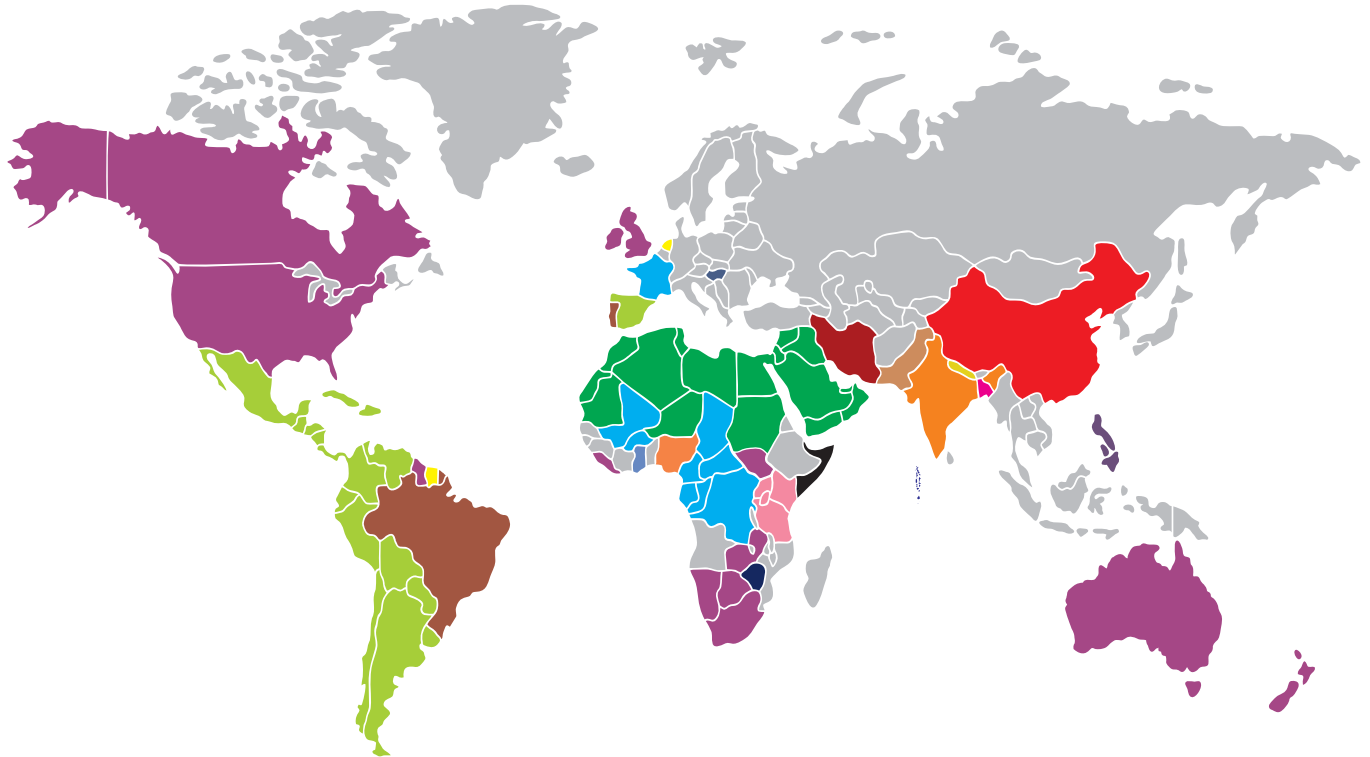A group of teachers in Malaysia enjoy the ALfA numeracy training

# AL*f*A TOOLKITS
## INDIAN LANGUAGES

- ■ Assamese
- ■ Bangla
- ■ Gujarati
- ■ Hindi
- ■ Kannada
- ■ Konkani*
- ■ Maithili

- ■ Marathi
- ■ Mizo
- ■ Odia
- ■ Punjabi
- ■ Tamil
- ■ Telugu

\* in process

# AL*f*A TOOLKITS
## INTERNATIONAL LANGUAGES

| | | | | |
|---|---|---|---|---|
| ■ Arabic | ■ English | ■ Nepali | ■ Shona | ■ Urdu |
| ■ Bangla | ■ Filipino | ■ Persian | ■ Spanish | ■ Yoruba |
| ■ Dhivehi | ■ French | ■ Portuguese* | ■ Swahili | ■ Somalian* |
| ■ Dutch | ■ Mandarin | ■ Serbian | ■ Twi | \* in development |

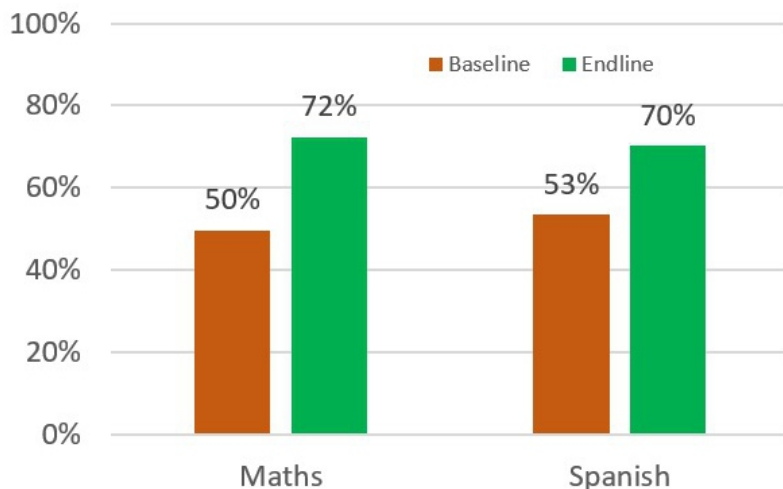# A GLOBAL LEARNING LAB

## Malaysia & Singapore
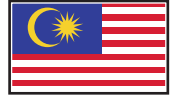


## Peru



> " Parents are happy because their children were at a disadvantage compared to those who already knew how to read but now are making good progress. "

**Zenaida, Grade 3 Teacher, Sachachorro school, Iquitos, Peru**



**Test scores in Sachachorro school, before and after 45 day ALfA implementation**

- Baseline
- Endline

Maths: 50% → 72%
Spanish: 53% → 70%

> " When the students came first, they wrote scribbles; they didn't know how to read. The students began to pronounce the images and words from the communication book. They worked in pairs. They began to form simple words, then more complex words and small sentences. Now, 80% of the students are reading. It is engaging and exciting for the students. Thank you so much. "

**Sheila, Grade 1A Teacher, Sachachorro school, Iquitos, Peru**

# A GLOBAL LEARNING LAB

## Philippines



## United States of America



> ❝ I am grateful for the opportunity you gave Kepler. In 4th grade, we had so many kids who couldn't write or read. My daughter is there in 4th grade, and her reading ability is now getting better each day, her scores improved significantly. Our school is excited, and our growth is accelerating. Everybody is praising the curriculum. ❞

**Rickie Dhillon,
School Superintendent,
Kepler Neighbourhood
School, California**

> ❝ A positive aspect of the ALfA reading program is that students can work at their own pace. Some students may go through the first five lessons quickly; others may need to work on them slowly, repeating some over and over. Everyone makes progress, and the beauty of the faces on those who achieve even a little success is inspiring. ❞

**Marcia Banzuly, Volunteer,
Literacy Chicago**
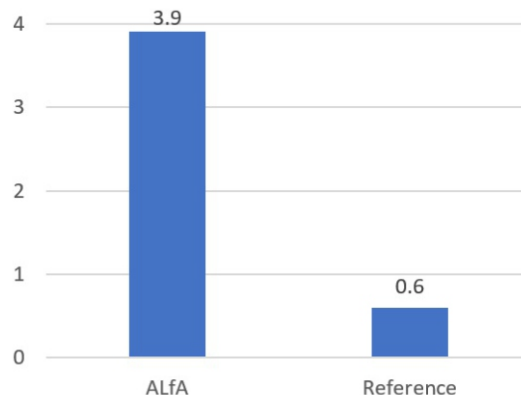


**Reading Level improvement in ALfA learners was much greater than non-ALfA learners**

# GLOBAL
# PARTNERSHIPS

**Quizizz, International**
Massive Open Online
Trainings partnership

**Teachers Without Borders**
Toolkit Replication partnership

**World Climate School, Norway**
Knowledge & Training

**Literacy Chicago, USA**
Adult Literacy program
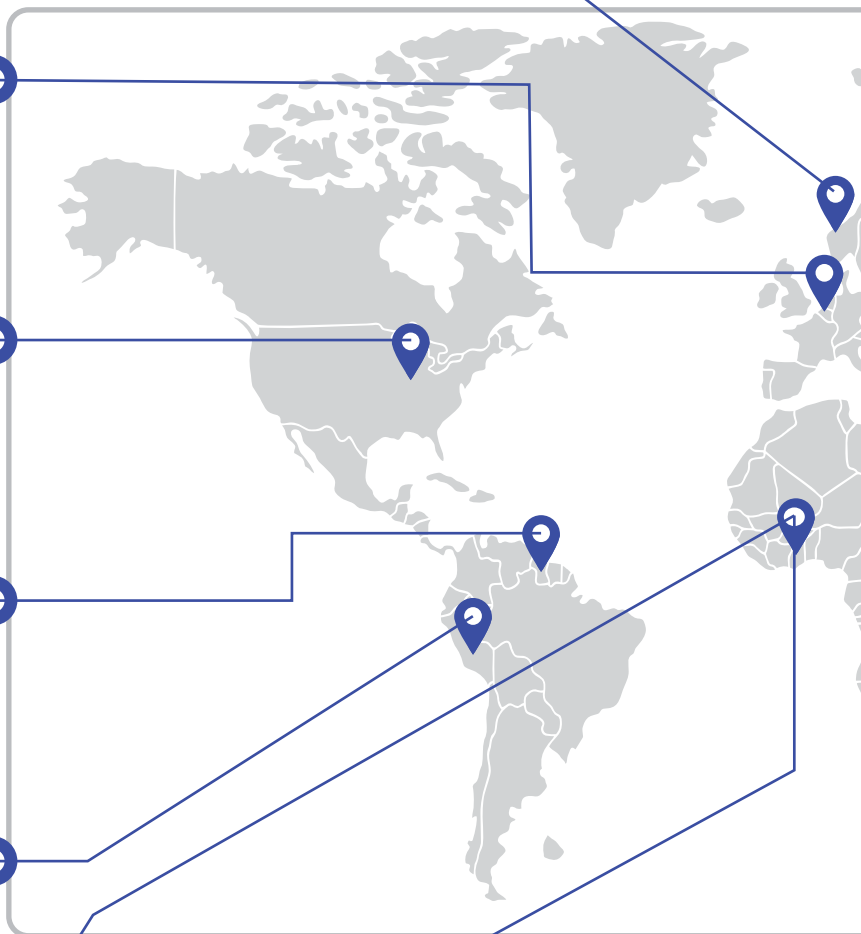
**Kupanda Sisters, Guyana**
Single school pilot

**Arca Beta, Peru**
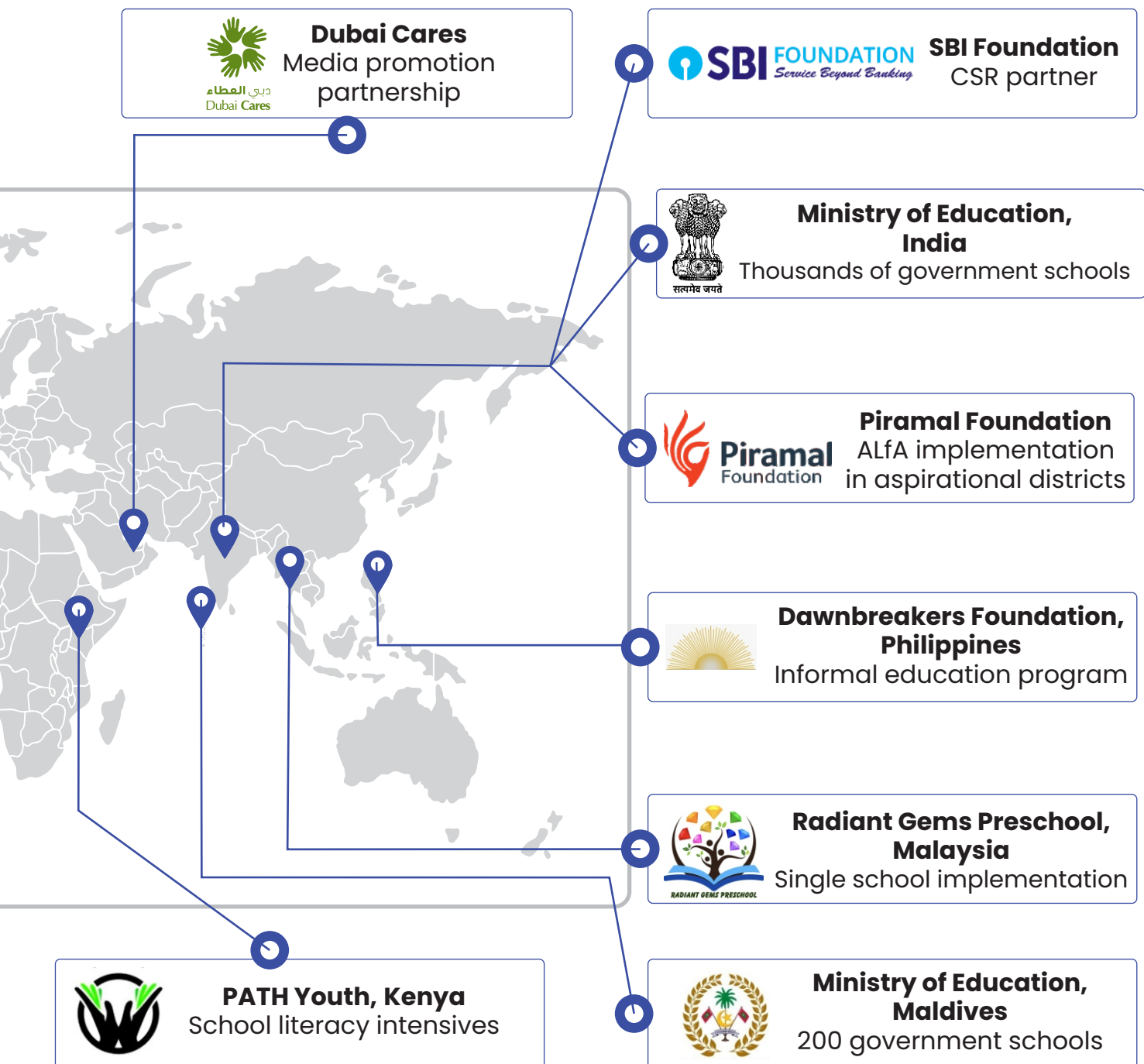Pilot in a school in Amazon

**All Africa Students Union**
Knowledge & training
partnership

**Forum for African Women Educationists**
Knowledge & training partnership

DEVI Sansthan is collaborating with numerous schools, NGOs and governments around the world in the effort to bring higher quality education for all, with a special focus on disadvantaged groups. From Peru to Chicago, from Maldives to Kenya, ALfA is showcasing impressive results.
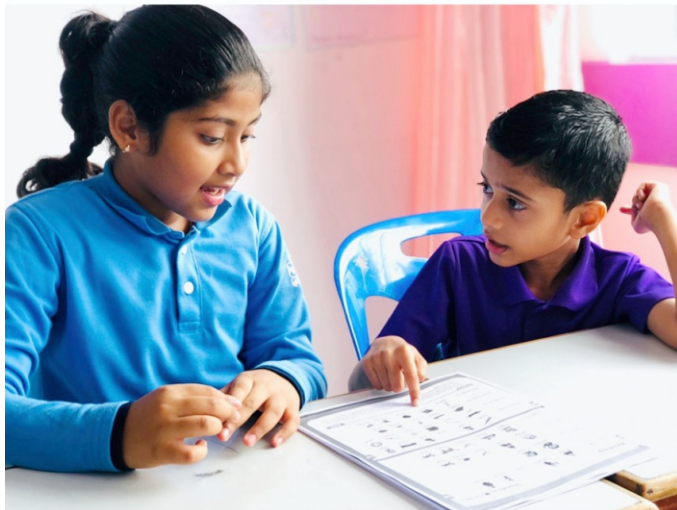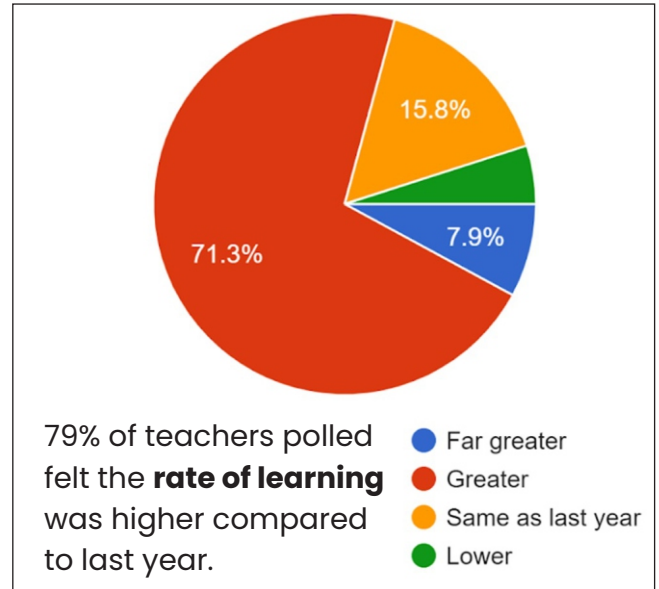
**Dubai Cares**
Media promotion partnership

**SBI Foundation**
CSR partner

**Ministry of Education, India**
Thousands of government schools

**Piramal Foundation**
ALfA implementation in aspirational districts

**Dawnbreakers Foundation, Philippines**
Informal education program

**Radiant Gems Preschool, Malaysia**
Single school implementation

**PATH Youth, Kenya**
School literacy intensives

**Ministry of Education, Maldives**
200 government schools

# MALDIVES NATIONAL CASE STUDY
## SUPPORTED BY UNICEF

The Ministry of Education engaged DEVI Sansthan to undertake an ALfA pilot across the whole country's **200+ schools**. In the first phase of the implementation, 13 schools are implementing ALfA while 5 are serving as a reference.

From September to December 2023, test scores in ALfA schools improved 7 percentage points in English and 11 percentage points in Maths – nearly **double the rate** of improvement compared to reference group schools.



79% of teachers polled felt the **rate of learning** was higher compared to last year.

- 71.3%
- 15.8%
- 7.9%

Legend:
- 🔵 Far greater
- 🔴 Greater
- 🟠 Same as last year
- 🟢 Lower



## Teachers' Testimonies

> *I believe in fostering independent learning and problem-solving, promoting peer collaboration and incorporating reflection opportunities. These strategies empower children to take ownership of their learning journey.*
>
> **- Aysharth Sumaa**

> *In my opinion, ALfA is a great opportunity for students to learn together in a collaborative, friendly environment. Students work together to complete the tasks and modules, as a result, they are very well connected with each other.*
>
> **- Hawwa Lamsha**

> *In my class there was one boy with ADHD. He knew how to read but had difficulty sitting still and doing his work. However, the hands-on activities we carried out in ALfA with paired work helped him improve. He loved doing those activities with his friends.*
>
> **- Mariyam Zuha**

# Every word read is a step towards a brighter future

**Together, we can make Uttar Pradesh Literate in 2024 and an example for India and the rest of the world.**

# FAST-TRACKING FOUNDATIONAL LITERACY & NUMERACY

DEVI Sansthan (Dignity Education Vision International) is an NGO with a big vision: to help India and the world achieve universal Foundational Literacy and Numeracy (FLN). DEVI Sansthan is pioneering transformative pedagogies, empowering teachers, and leveraging policy change to enable rapid gains towards literacy for all.

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