



5 *Years of* Impactful Partnership in Jharkhand



Impact Report

2017-22

Published by SAMPARK
176, A Block, Sector 40
Noida, Uttar Pradesh – 201301, India
www.samparkfoundation.org
May 2022
Copyright: Sampark Foundation

CONTENT

01

5 Years of Impactful Partnership with
Jharkhand Education Project Council,
Government of Jharkhand
- Solving an Unsolved Problem

02

Innovation Timeline

03

5 Years of Partnership in 5 Steps

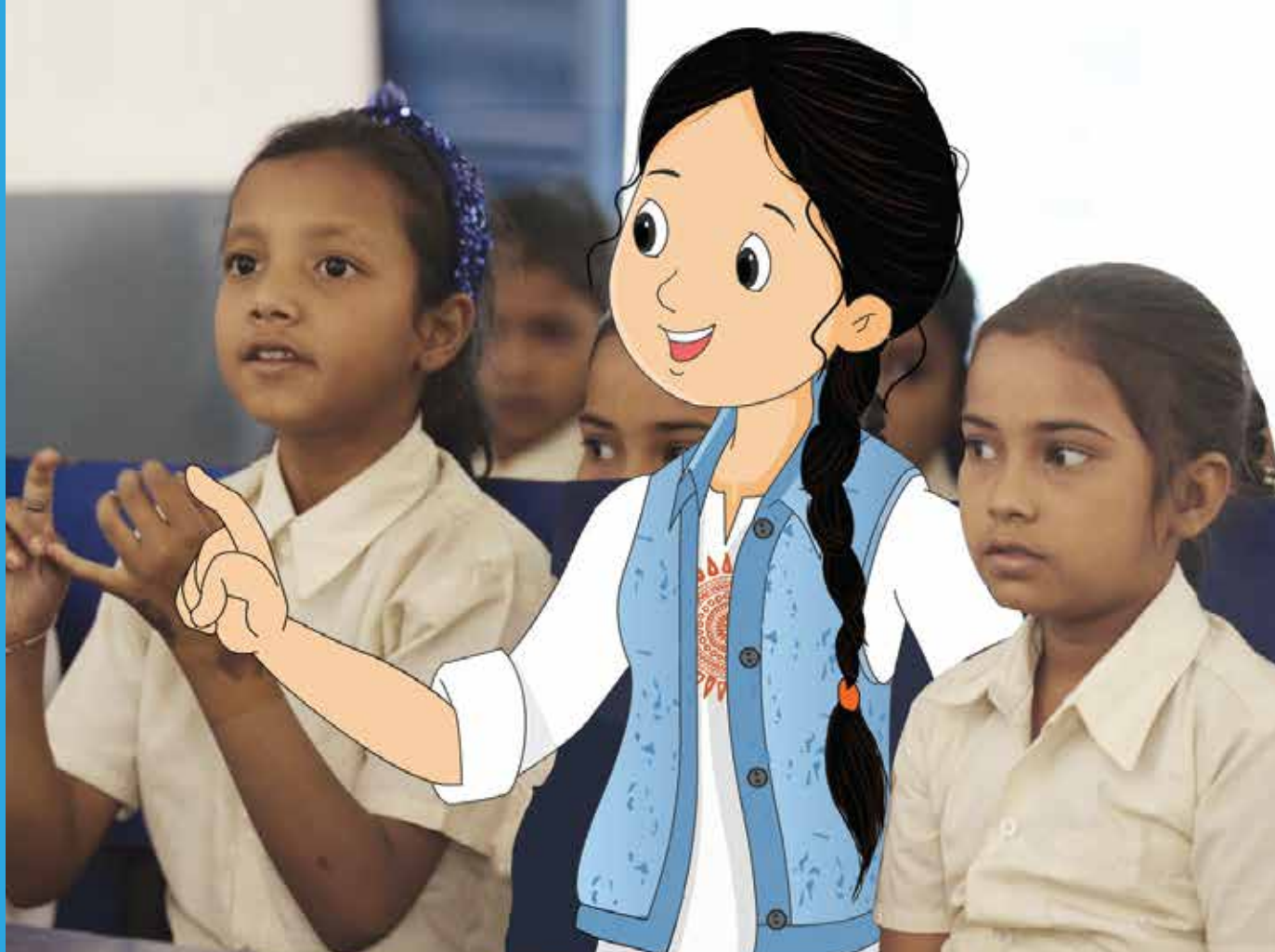
- a. Partnered with the Government of Jharkhand
- b. Provided English FLN Kit, Math FLN Kit and Sampark TV
- c. Tech-enabled teachers with Sampark Smart Shala App, Gamified Assessment and Speak English
- d. Trained the teachers to create an impact
- e. Monitored Teachers and Learning Outcomes among 30.2 Lakh Children

04

Third Party Impact Assessment

- a. KPMG
- b. Feedback Advisory





P1

5 Years of Impactful Partnership

30.2 Lakh Children Impacted

5 Years of Partnership



It was 2017, when we asked ourselves – how can we transform learning outcomes in 35,000 Government schools in Jharkhand where nationally 4 out of 5 children in grade 5 could not read grade 2 text and 8 out of 10 children could not solve previous grade questions despite doubling of investment in education over the last decade.

Jharkhand Education Project Council, Government of Jharkhand and Sampark Foundation entered in a long-term strategic partnership with a belief that by leveraging design thinking we could build innovative solutions that would bring excitement back into the classroom.

This partnership led to **the beginning of a change** across Jharkhand primary schools, however the road was long and hard.



4/5

Children in Grade 5 could not read Grade 2 Text nationally



8/10

Children could not solve previous Grade question nationally



5 Years of Partnership



First, we introduced the innovative Sampark Smart Shala Math and English FLN Kits to help teachers teach math from concrete to abstract and English through Listening and Speaking before Reading and Writing. These kits included innovative manipulatives, board games and an audio box with a voice mascot called Sampark Didi, who brought the class to life with songs and music to make learning a joyful experience.

Second, we introduced Sampark Smart Shala mobile app for teachers with lesson plans, mock teaching videos and question banks mapped to Jharkhand Textbooks to help teachers teach in the right sequence and in the right way. Today 28,096 teachers are on this platform viewing resources that have made teaching and learning significantly easier.

Third, based on the popular KBC format, we brought gamified AI-driven assessment called Sampark Didi Ke Sawaal to the classroom. This innovation took away the fear of exams and made assessments fun.

The **fourth** innovation was an AI-driven Speak English program where all Jharkhand textbooks were animated with a unique button for the child to record and test their pronunciations. This innovation had a significant impact on enhancing teachers' ability to teach English and a child's ability to speak and comprehend English.

And finally, the **fifth** innovation, we introduced this year was Sampark TV, which transforms a dumb TV into a smart classroom enabling teachers to teach and engage children through interactive learning that has energized the classroom with excitement.



5 Years of Partnership



All these 5 innovations were wrapped around extensive teacher training covering 28,096 teachers at every block level and monitoring at the school level by our Sparks and JEPC Volunteers.

This has helped us achieve up to 27% increase in learning outcomes in Jharkhand-govt schools as per independent assessment by KPMG and Feedback Advisory.

We have touched lives of 30.2 lakh children and will continue exploring new ideas, innovations, and new ways to ensure that no child is ever left behind – because we all at Jharkhand Education Project Council and Sampark Foundation care!

Impact Created since 2017 by Jharkhand Education Project Council & Sampark:



20,729
Schools Covered



28,096
Teachers Trained



30.2 Lakh
Children Impacted

*Source: Independent assessment by Feedback Consulting in 2021-22 in Jharkhand

Program Summary

Schools Impacted

20,729

SSS Users

13,875

SSS Resources used

1,81,728

SSS Kits Distributed

34,951

Sampark TV Distributed

185

Children Impacted

30,25,395

Teachers Trained

28,096

Overall Program Highlights

SSS Super Users

3,638

SSS Kits Distributed

14,428

Sampark TV Distributed

185

SSS Resources used

Total Resources Used

32,603

Resources used per school

1.1

Subject Resources Used

English

14,189

Math

17,735

Other Subjects

568

Other Resources Used

E-learning courses
completed

390

Class Resources Used

FLN

27,423

Class 4-5

3,742



P2

Innovation Timeline

Innovation Timeline



Sampark Smart Shala Math Program was introduced in Jharkhand to help teachers teach Math from concrete to abstract.



Sampark Smart Shala English Program was introduced in Jharkhand to help teachers teach English through Listening and Speaking before Reading and Writing.



Sampark Smart Shala Mobile App was introduced to help teachers teach in the right sequence and in the right way and make teaching and learning significantly easier.



Sampark TV was introduced to teach and engage children through interactive learning that has energized the classroom with excitement.



Speak English was introduced to encourage active learning of English language and help develop listening & comprehension skills among children, parents and teachers.



Gamified Assessment was introduced to take away a child's fear of exams and make assessments fun. The AI-based assessment module also helped identify learning gaps.



03

5 Years of
Partnership
in 5 steps

5 Years of Partnership in 5 steps

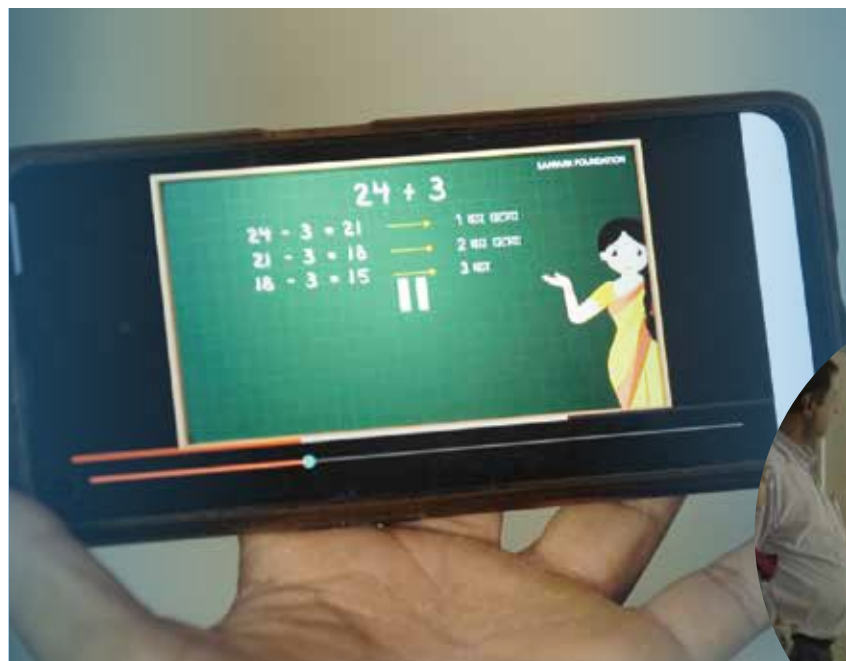


30.2 Lakh Children and Counting

For innovations to trigger change, especially when it involves lakhs of children in government schools, it needs to find a mode of execution that works with the entire system and within the system. Without execution at scale, long-term change is not likely to happen. Sampark's Design Thinking innovation Centre produced a 5-step model of change to bring about state-wide transformation in learning outcomes by implementing the Sampark Smart Shala (SSS) program.

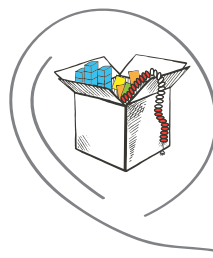
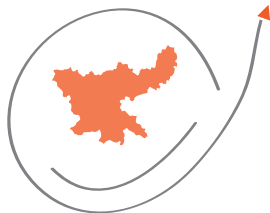
Jharkhand Education Project Council supported us in implementing this 5-step model of change and together we have been able to reach and transform learning outcomes of as many as 30.2 Lakh children studying in the government primary schools in Jharkhand since 2017.





First
PARTNERED
with the
Government

Signed MoU with the Government of Jharkhand to rollout Sampark Smart Shala™ in **35,000** schools across 8 Districts.



Next
PROVIDED
Innovative
Manipulatives

34,951 English and Math Kits distributed, **185** Sampark TV were set-up in the state to make learning a joyful experience.



And
TECH-ENABLED
the teachers

13,875 teachers now use the Sampark Smart Shala™ mobile app, Gamified Assessment and Speak English program to teach children in the right sequence and the right way.



Then
TRAINED
teachers in blocks
or villages

28,096 teachers were trained to use technology and engage children in effective learning.

Finally
MONITORED
learning
outcomes

30.2 Lakh Children monitored using Independent Assessment Partners - KPMG and Feedback Advisory.



SAMPARK SMART SHALA™

A 5-step model for change we followed to bring about transformation in Jharkhand:

1. Partnered with the Government of Jharkhand

Impact – Achieved alignment of all education initiatives in the state.



Partnered with the Government of Jharkhand



Change at scale is impossible unless we work with the government, within their opportunities and constraints, to drive significant gains in learning outcomes. Since 2017, we at Sampark, along with Jharkhand Education Project Council, Government of Jharkhand have been closely working to drive significant gains in learning outcomes. The basis of our work collaboration is a non-financial long-term MoU with the state government to impact 30.2 Lakh school children in 35,000 schools across 24 districts of Jharkhand, namely Bokaro, Chatra, Deoghar, Dhanbad, Dumka, East Singhbhum, Garhwa, Giridih, Godda, Gumla, Hazaribag, Jamtara, Khunti, Koderma, Latehar, Lohardaga, Pakur, Palamu, Ramgarh, Ranchi, Sahibganj, Seraikela-Kharsawan, Simdega and Purbi Singhbhum.



Signed MoU with the Government of Jharkhand to roll out Sampark Smart Shala program in 35,000 schools

Under the partnership with the state government, both the parties took up separate responsibilities to make the program a success –



Partnered with the Government of Jharkhand



Sampark Foundation's and the JEPC's Responsibilities

- Investments made in the transformative program.
- Rolled out Sampark Smart Shala™ program in 20,729 schools in 16 districts.
- Trained one teacher per school, each in Math and English.
- Distributed Sampark Smart Shala™ Math and English kits.
- Provided the technology and platform to ensure monitoring.
- Developed new programs based on state requirements.
- Monitored 10% of the schools through Sparks and share monthly dashboards at District and State Level.
- Conducted and reported annual third-party evaluations.

State's Responsibilities

- Arranged teacher trainings for SSS for all teachers.
- Printed and disseminated SSS workbooks for children.
- Monitored program through the state and other district officers.
- Made SSS a part of the state dashboards at all administrative levels.
- Reviewed Progress and provided direction at all levels.
- Integrated SSS pedagogy in the state education framework.



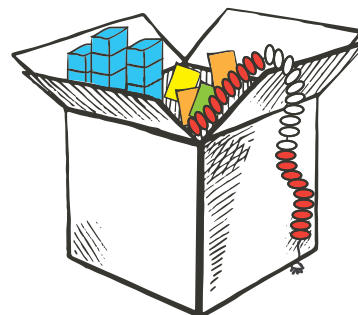
2. Provided 35,136 Manipulatives

Impact – Teaching became easy and learning easier!

Provided - Innovations to Improve Classroom Transactions

At the core of our design thinking approach is an assumption that if we can get a child excited about learning, nothing can stop her from getting to where she wants to go, irrespective of all the constraints she might face on the way. Hence, we provided children and teachers in Jharkhand with innovative learning and teaching materials developed by Sampark's Innovation Lab.

Over these 5 years, JEPC and Sampark provided teachers with various innovations to impact and enhance learning outcomes. These frugal innovations included foundational literacy and numeracy (FLN) Kits for Math and English and Sampark TV to engage and inspire children to become the best version of themselves. The Sampark Smart Shala learning material is aligned with the SCERT curriculum and is based on the latest NIPUN guidelines of NEP 2020.



Provided 34,951 Math & English FLN Kits and 185 Sampark TV in the state



Provided Innovative Manipulatives



1 Math FLN Kit

Under this program, with JEPC's support, we introduced the innovative Sampark Smart Shala Math FLN Kits in all the 20,729 schools to help teachers teach Math in the right way. The Math Sampark Smart Shala Kits included innovative Teaching Learning Materials, puzzles, counting beads, and board games – specially designed to work in rural classrooms and help explain concepts in linear steps: from simple to complex and concrete to abstract.

These engaging, colourful, and attractive manipulatives has helped 28,096 teachers in explaining the concepts to 30.2 lakh children in 8 districts of Jharkhand.





Provided Innovative Manipulatives



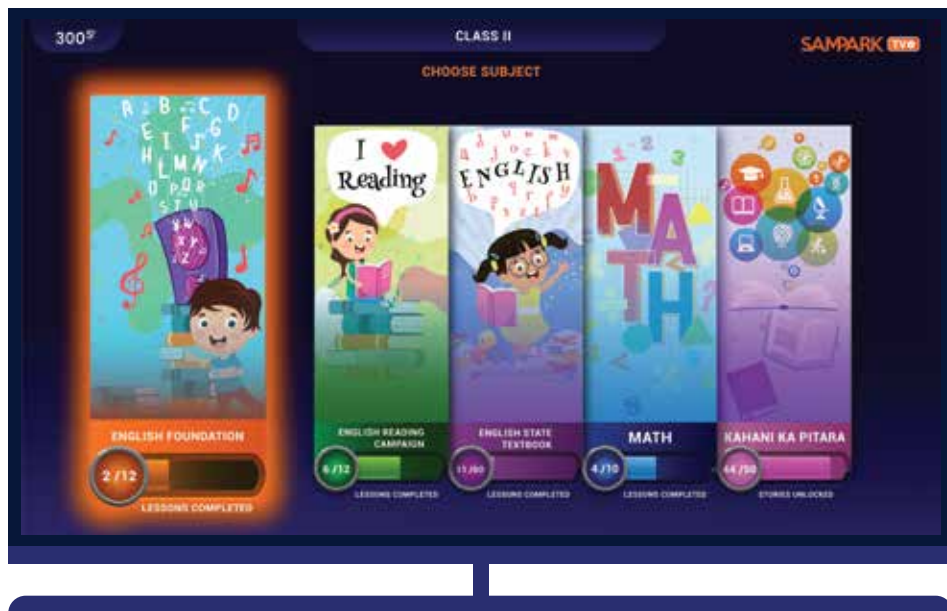
2 English FLN Kit

Next, with JEPC's support, we introduced the English FLN Kit in all 20,729 schools to help teachers teach English through Listening and Speaking before Reading and Writing. The English Sampark Smart Shala Kits included innovative Teaching Learning Materials, flash cards, theme calendar, letters, puzzles, and an audio box with a voice mascot called Sampark Didi, who brought the class to life with songs and music to make learning a joyful experience.

These engaging, colourful, and attractive manipulatives has helped 28,096 teachers in explaining the concepts to 30.2 lakh children in 16 districts of Jharkhand.

What is quite interesting is that the methodology adopted and executed by Sampark Foundation in 2014-15 was finally accepted by the central government's ministry of education in the form of the NIPUN Bharat, FLN (Foundation Literacy and Numeracy) Mission in 2021 which points to the fact that our journey was on the right track and our thinking in this critical issue was way ahead of its time.





Provided Innovative Manipulatives



3 Sampark TV

In an endeavour to transform government school classrooms into smart classrooms, Sampark with JEPC's support has launched a flagship EdTech initiative, Sampark TV. Designed and developed by Sampark Foundation's Innovation Lab, Sampark TV is a plug and play device that converts any television into an interactive learning platform, featuring videos and animated content, quizzes, worksheets – all mapped to state textbooks and developed in accordance with the states' syllabus, as well as is aligned to the FLN guidelines under NEP 2020.

Sampark TV will drive learning outcomes by following the right sequence of 'Learn, Play, Practice, Earn and Celebrate. Teachers can provide students with a rich in-classroom experience thereby enabling students to better understand concepts.

The Sampark TV set-up includes an android set-up box and a remote that provides a blend of engaging content just with a simple hardware set-up. It has content for children in Class 1 to 8 studying – English, Math and Science. It will be a huge boost to Sampark's vision to drive large-scale improvement in learning outcomes as well as support government schools' to be future-ready for a successful education transformation.

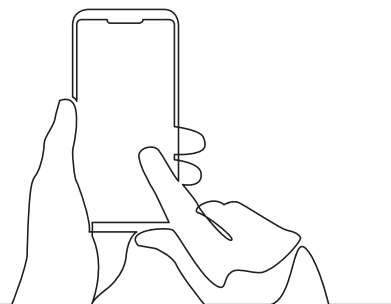
Also, given that internet connectivity is an issue for most rural locations, Sampark TV is pre-loaded with all required content and does not require to be connected to the internet.

3. Tech-enabled teachers and children

Impact – Teachers now know
WHAT, WHEN and HOW to teach!



Tech-enabled teachers with frugal innovation



In the Third Step, we tech-enabled 13,875 teachers and 30.2 lakh school children of Jharkhand with the Sampark Smart Shala Mobile App – which is a one-stop solution for exchanging ideas, sharing innovations, teaching with rhymes, stories, and many more interactive tools all mapped to the state syllabus.

The idea behind tech-enabling children and teachers was to uplift both – the **Giver (Teacher)** and **Receiver (Children)** whilst encouraging learning as an integral part of individual growth. Also, so that one teacher can effectively teach more children and no child is left behind.

The tech-enablement provided by Sampark is not a stand-alone intervention and is an integral part of the full learning cycle that integrated physical and digital pedagogy seamlessly. The focus is on learning personalization unlike content personalization and our digital platforms offer a personalized, self-paced learning experience. In Jharkhand, under the JEPC and Sampark program, 13,875 teachers are using the Sampark Smart Shala App.

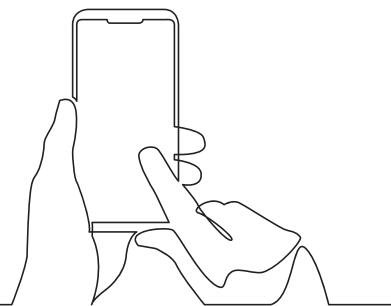
Three important elements that tech-enabled teachers, children and even parents in Jharkhand are Sampark Smart Shala App, Gamified Assessment and Speak English Program.



**Tech-enabled
13,875 Teachers
to use frugal
innovations to
improve learning
outcomes**



Tech-enabled with Frugal Innovations

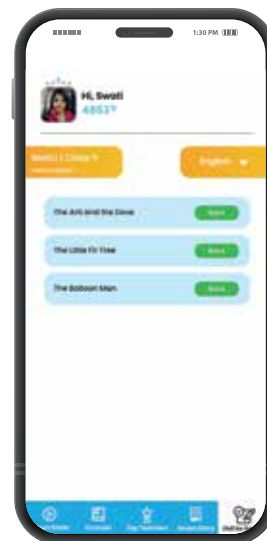


1 Sampark Smart Shala™ App

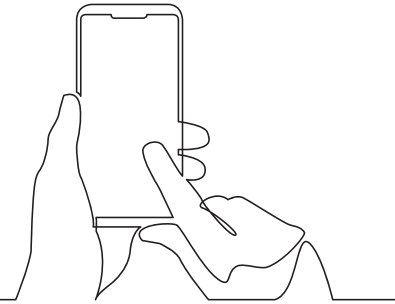
This mobile application is one of India's largest learning and development platform for primary government school teachers and children, which works without the internet and has thousands of teaching resources – subject-wise videos, puzzles, rhymes, riddles, worksheets, all mapped to the State curriculum. Available on the Google Play Store, Sampark Smart Shala is a free learning platform with over 3,638 active super users in the state. The app was designed and developed to make learning fun and interactive for children

All teachers, who have been trained, now have the mobile application on their phone.





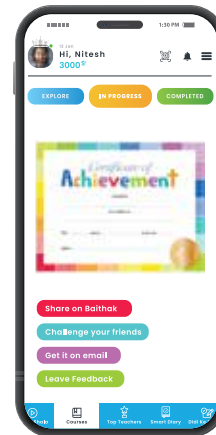
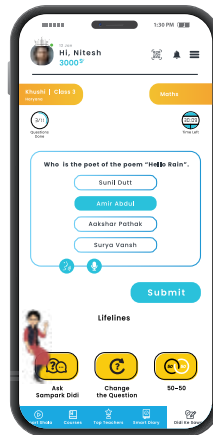
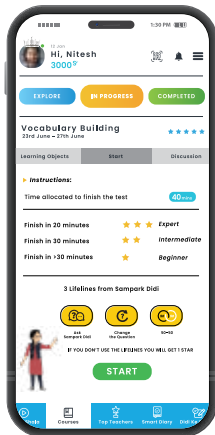
Tech-enabled with Frugal Innovations



2 Sampark Didi Ke Sawal: The Gamified Assessment

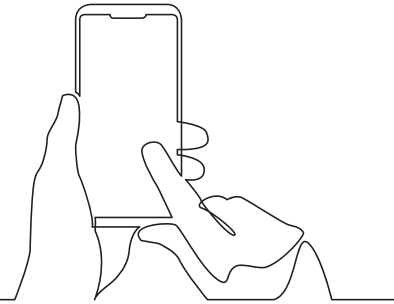
To make assessment experiential, learner-centred, flexible, and enjoyable, we have designed and developed a first-of-its-kind AI-based gamified test module that not only tests the child's learning but also delivers graphical analytics to the teacher on their mobile – enabling the teachers to track the learning journey of each child under their tutelage.

This fun-filled exercise is a response to the NEP's emphasis on treating assessment as a learning enabler rather than an evaluation that instils fear.





Tech-enabled with Frugal Innovations

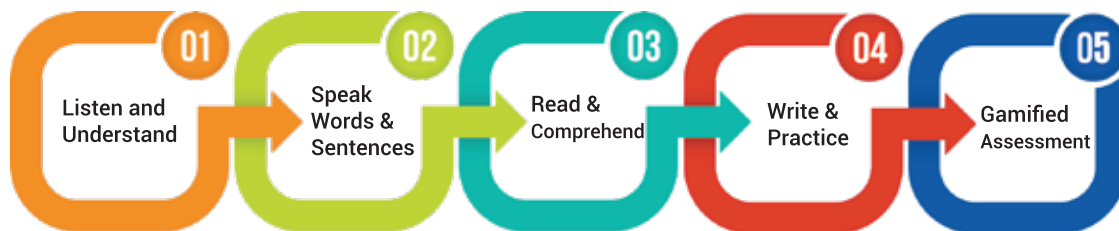


3 Speak English

Sampark Foundation, with JEPC's support, has introduced another innovative intervention in the domain of language literacy as it encourages active learning of English language among children, parents and teachers.

We have made this easier with our Speak English program by first converting the state board's English textbooks into interactive talking books to help develop listening and comprehension skills. This AI-driven feature enables the child to correct their pronunciation of English words by recording it in their own voice and obtaining instant scores.

We have followed the LSRW (Learn, Speak, Read, and Write) approach and leveraged children's most favourite mascots – Sampark Didi to make learning more fun.



4. Trained 28,096 Teachers

Impact - Main bhi Sampark Didi
Teachers energized to act and teach
like Sampark Didi



Trained Teachers



Learning outcomes depend on the interface of the teacher and the child in what we call the 'learning zone'. The person most responsible for making learning happen is the school teacher. Thus, by putting Teachers First in everything we do, we could help them own and drive the change and claim credit for any improvement. Teachers first is an outcome of our design thinking methodology focuses on enabling teachers to teach in the best possible manner in the classroom, that is ignite the 'learning zone' to make learning fun, engaging and impactful.



**Trained 28,096 in
the last 5 years to
engage children in
effective learning**

In our fourth step in the model of change, JEPC and Sampark trained 28,096 teachers in Jharkhand with a unique and interactive methodology that enabled teachers to understand how to deliver each concept using manipulatives in the classroom.



Trained Teachers



Master trainers (appointed by the state governments) and Sampark Sparks trained teachers at the start of each academic year to ensure that the program is well understood and owned by teachers. Across all the schools, teachers who teach grades 1 to 5 have been trained in the interactive, activity-based pedagogy. A two-day mandatory training was combined with state training programs. Additionally, digital training and e-learning modules were provided to the teachers. The training was also provided to BRCs/CRCs.

The training covered all early grade Math and English concepts and introduced the teachers to the philosophy, methodology and use of Sampark TLMs. Refresher training was also conducted regularly with a peer-to-peer problem solving approach.

During the pandemic, multiple online training sessions were also conducted to train and enable 28,096 teachers to leverage the learning resources in our Sampark Smart Shala App as well as our TLMs. The training and video lessons available on the app enabled the teachers to use multiple approaches to explain concepts to the children, and also prepare and plan in advance the syllabus of upcoming classes.



5. Monitored Teachers and Learning Outcomes among 30.2 Lakh Children

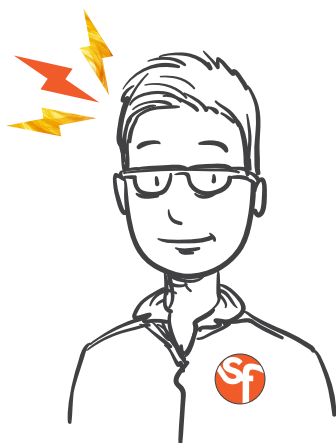
Impact – Motivation through reward and recognition of teachers, schools, and blocks.

Monitored teachers and learning outcomes



In the Fifth Step, we monitored learning outcomes in the school children of the 16 Districts of Jharkhand. We leveraged the existing education infrastructure and personnel and incorporated regular monitoring of schools by nodal persons and on-site support made available by Sparks (Sampark personnel on ground) to teachers.

Basis the monitoring data, regular meetings took place between Sampark and State/District representatives to monitor and take corrective action to ensure the success of the program. Monthly performance reports were sent to School administrators via the Sampark Smart Shala app.



Monitored teachers and learning outcomes among 30.2 Lakh children using Independent Assessment Partners – KPMG and Feedback Advisory

**Top 10
Districts**

1	Palamu	6	Kodarma
2	Sahibganj	7	Ranchi
3	Purbi Singhbhum	8	Hazaribagh
4	Pakaur	9	Garhwa
5	Dumka	10	Bokaro

Top 50 Blocks

S.N. Blocks	Districts	S.N. Blocks	Districts
1 Patan	Palamu	26 Berhait	Sahibganj
2 Barharwa	Sahibganj	27 Churchu	Hazaribagh
3 Udhwa	Sahibganj	28 Panki	Palamu
4 Mandro	Sahibganj	29 Jhinkpani	P. Singhbhum
5 Jainagar	Kodarma	30 Chouparan	Hazaribagh
6 Golmuri-cum-jugsalai	Purbi Singhum	31 Pathna	Sahibganj
7 Daltonganj	Palamu	32 Katkamdag	Hazaribagh
8 Ratu	Ranchi	33 Littipara	Pakaur
9 Chandwara	Kodarma	34 Saraiyhat	Dumka
10 Jama	Dumka	35 Pandwa	Palamu
11 Bishrampur	Palamu	36 Meharna	Godda
12 Hazaribagh	Hazaribagh	37 Maheshpur	Pakaur
13 Taljhari	Sahibganj	38 Hiranpur	Pakaur
14 Satbarwa	Palamu	39 Haidarnagar	Palamu
15 Sonahatu	Ranchi	40 Bishnugarh	Hazaribagh
16 Kanke	Ranchi	41 Daru	Hazaribagh
17 Lesliganj	Palamu	42 Ramgarh	Dumka
18 Silli	Ranchi	43 Pandu	Palamu
19 Koderma	Koderma	44 Namkum	Ranchi
20 Masalia	Dumka	45 Domchanch	Koderma
21 Nagri	Ranchi	46 Rahe	Ranchi
22 Chalkusha	Hazaribagh	47 Keredari	Hazaribagh
23 Chainpur	Palamu	48 Barkatha	Hazaribagh
24 Bundu	Ranchi	49 Chanho	Ranchi
25 Angara	Ranchi	50 Bero	Ranchi

Top 100 Schools

S.N. School Name	District
1 Upg Rajkiyekrit Ms Saguna	Palamu
2 Upg Govt. Ms Fatehpur	Sahibganj
3 Govt Upg Middle School Lem	Ranchi
4 Upg Govt Hs Islampur	Sahibganj
5 P.S.Kero J2	P. Singhbhum
6 Upg Govt Hs Mirzachowki	Sahibganj
7 P.S.Langra Tekari J2	P. Singhbhum
8 Upg Govt Ms Tham	Kodarma
9 Upg P.S.Katania	Dumka
10 Govt. Ms. Bakudih	Sahibganj
11 Rajkiyekrit Ms Sua	Palamu
12 Upg Middle School Masu	Ranchi
13 Upg Govt Ms Chamgudo Khurd	Kodarma
14 Upg Middle School Tetebanda	Ranchi
15 Govt Primary School Pipardag	Ranchi
16 Govt Primary School Erkeya	Ranchi
17 Upg Ps Semari Kala	Palamu
18 Urdu Middle School Matwari	Hazaribagh
19 Govt. Ms Ratanpur	Sahibganj
20 Upg Primary School Karge Patratoli	Ranchi
21 Upg Rajkiyekrit Ms Adhmaniya	Palamu
22 Upg Ps Lathiobar	Kodarma
23 Govt. Ms. Boys Barharwa	Sahibganj
24 Upg Govt Ms Bhondo	Kodarma
25 Upg High School Chaube	Hazaribagh
26 Upgraded Govt H.S.Kerukocha	P. Singhbhum
27 Dpep Upg Middle School Arakeram	Ranchi
28 Govt Middle School Katamkuli	Ranchi
29 Upg Govt. Ms Rahmatpur	Sahibganj
30 Upg Govt Hs Phoolbhanga	Sahibganj
31 Upgraded Ms Bhatiya Basti Kadm	P. Singhbhum
32 Govt Primary School Lowadih	Ranchi
33 Rajkiyekrit Ps Turk Talya (Kanya)	Palamu

Top 100 Schools

S.N.	School Name	District	S.N.	School Name	District
34	Primary School Jordag	Hazaribag	67	Upg Primary School Rajabera	Ranchi
35	Govt Upg Middle School Gadri	Ranchi	68	Upgraded Ps Burudih Plashbani	P. Singhbhum
36	Upg Rajkiyekrit Urdu Ms Ramsagar	Palamu	69	Upg P.S. Naitand	Hazaribag
37	Upg Primary School Masiyatu Nayatoli	Ranchi	70	Govt Primary School Tender	Ranchi
38	Upg Primary School Garha Tunju	Ranchi	71	Upg Govt Ms Jhalpo	Kodarma
39	High School Birkitti	Pakaur	72	Upg Rajkiyekrit Ms Lawabar Khaparmunda	Palamu
40	Upg M.S.Karmatanr-1	Dumka	73	Govt Upg Middle School Kenabhitta	Ranchi
41	Govt.p.s.lakhna	Deoghar	74	Govt.p.s.chihutia	Dumka
42	Govt.m.s.kakni	Dumka	75	Govt Primary School Baridih	Ranchi
43	Upg. High School Bhatbigaha	Hazaribag	76	Ssa New Primary School Chaladih	Ranchi
44	Govt Middle School Tumbaguttu	Ranchi	77	Middle School Barkattha	Hazaribag
45	Upg Ps. Salalpur	Sahibganj	78	Upg Ps. Muzafar Tola	Sahibganj
46	Ps Rolagram (Urdu)	Pakaur	79	Govt Middle School Bundu Abhyasik	Ranchi
47	Govt Upg High School Hatia Ranchi-2	Ranchi	80	Rajkiyekrit Ms Oriya	Palamu
48	Govt.upg M.S.Rangamatia-1	Dumka	81	Upg Rajkiyekrit Ms Ambabar	Palamu
49	Upg Middle School Tundul	Ranchi	82	Govt. Ms Binduwasini	Sahibganj
50	Upg Primary School Noor Mohalla Husir	Ranchi	83	Upg M.S.Bahiradih	Dumka
51	Upg P.S.Narcha-gidhni	Dumka	84	Boys Special Residential School	Pakaur
52	Upg Middle School Barudih	Ranchi	85	Upg Rajkiyekrit Ms Gogar	Palamu
53	Govt.upg.m.s.aluwara	Dumka	86	Dpep P.S. Mirzapur	Hazaribag
54	Upg Primary School Muramu	Ranchi	87	Upg Primary School Bhagalpur Baragai	Ranchi
55	Govt.p.s.maheshjora	Dumka	88	Govt Upg Middle School Kadojora	Ranchi
56	Middle School Kandaber	Hazaribag	89	Upg M.S. Bhandaro	Hazaribag
57	Upg P.S.Bharatpur	Dumka	90	Govt Middle School Jaria	Ranchi
58	Upg Govt Hs Tilokari	Kodarma	91	Upg Govt Ms Durodih	Kodarma
59	Ms Hiranpur (Boy)	Pakaur	92	Upg Ps Jivanpur	Pakaur
60	Upg M.S. Bes	Hazaribag	93	Govt Upg High School Jahanabaj	Ranchi
61	Upg Govt Ms Piprahi	Kodarma	94	Govt. Ms Kishan Prasad	Sahibganj
62	Middle School Bistumpur	P. Singhbhum	95	Upg M.S. Jordag	Hazaribag
63	Govt Primary School Karkatta	Ranchi	96	Upg Ms Kusha	Palamu
64	Upg Govt Ms Kushahan	Kodarma	97	Upg Middle School Kullu	Ranchi
65	Govt Primary School Brambe Urdu	Ranchi	98	Upg Govt Ms Chowki Dhab	Sahibganj
66	Upg Ms Haphoo Hajee Tola	Sahibganj	99	Middle School Garri Kalan	Hazaribag
			100	Upg Rajkiyekrit Ms Getha	Palamu

S.N.	School Name	District	S.N.	School Name	District
1	Raj Laxmi Kumari	Palamu	26	Subodh Kumar Choudhary	Hazaribag
2	Ahed Ali Shaikh Islampur	Sahibganj	27	Shiwani Kumari	Kodarma
3	Deepika Bhakat	Sahibganj	28	Mahendra Karmali	Sahibganj
4	Pankaj Kumar	Sahibganj	29	Sonali Kumari	Palamu
5	Manju Kumari	Palamu	30	Manish Kumar	Ranchi
6	Ram Prakash Thakur	Purbi Singhbhum	31	Baby Roohi Kausar Roohi	Sahibganj
7	Piush Pani	Kodarma	32	Shrawan Kumar Vishwakarma	Palamu
8	Parmanand Kumar	Ranchi	33	Nagendra Kumar Sinha	Hazaribag
9	Amresh Kumar	Sahibganj	34	Rakesh Kumar	Palamu
10	Bhola Nath Manhji	Dumka	35	Amsu Baraik	Ranchi
11	Woota Archana Anju	Purbi Singhbhum	36	Binod Kumar	Kodarma
12	Sanjay Kumar Toppo	Ranchi	37	Kalyani Kumari	Dumka
13	Rakesh Upadhyay	Ranchi	38	Farhana Begum	Ranchi
14	Kanchan Kumari Nothing	Palamu	39	Rajeev Ranjan	Dumka
15	Tanjila Khatun	Sahibganj	40	Sanjay Kumar Minj	Kodarma
16	Rajendra Bediya	Ranchi	41	Urmila Singh	P. Singhbhum
17	Navin Kumar Thakur	Palamu	42	Om Prakash	Hazaribag
18	Shashi Kumari	Palamu	43	Shaikh Murtuza Murtuza	Palamu
19	Rekha Choudhury	Ranchi	44	Sarika Rajak	Ranchi
20	Kanchan Kumari	Palamu	45	Guriya Kumari	Pakaur
21	Md Ismail Shaikh Shaikh	Sahibganj	46	Premlata Kumari	Hazaribag
22	Bhushan Kumar	Ranchi	47	Swasti Kumari	Ranchi
23	Amita Talapatra	Sahibganj	48	Pankaj Kumar Yadav	Palamu
24	Sulochana Marandi	Sahibganj	49	Balmukund Brahamchari	Kodarma
25	Gopesh Thakur	Purbi Singhbhum	50	Probodh Mondal	Pakaur

S.N.	School Name	District	S.N.	School Name	District
51	Sivesh Sharma	Dumka	76	Basant Kumar Layak	Dumka
52	Premila Dang	Ranchi	77	Mukesh Kumar	Hazaribag
53	Sushanshu Singh	Hazaribag	78	Nafisa Khatoon	Ranchi
54	Suresh Kumar	Hazaribag	79	Mojibur Rahaman	Sahibganj
55	Rekha Kumari	Ranchi	80	Ebrahim Ansari	Pakaur
56	Paras Nath Ram	Palamu	81	Priyanka Kumari	Ranchi
57	Sabad Kumari	Palamu	82	Sushma Kumari	Sahibganj
58	Kishori Mahto	Hazaribag	83	S Tiwari	Dumka
59	Ashok Vishwakarma	Hazaribag	84	Nidhi Sinha	Ranchi
60	Ravi Ranjan Singh	Hazaribag	85	Bhushan Lohra	Ranchi
61	Naseem Ansari	Kodarma	86	Shambhu Kumar	Dumka
62	Mrinal Jena	Purbi Singhbhum	87	Shanti Kumari	Hazaribag
63	Umesh Gupta	Hazaribag	88	Abdur Razzak	Pakaur
64	Mahesh Sah	Sahibganj	89	Purshotam Kumar	Dumka
65	Nusrat Begum	Ranchi	90	Adwait Chand Peeyush	Sahibganj
66	Sujit Sinha	Sahibganj	91	Etwa Oraon	Ranchi
67	Karamsinghmunda	Ranchi	92	Sabed Ali	Sahibganj
68	Anita Kumari	Sahibganj	93	Vinay Kumar Bharti	Hazaribag
69	Dilip Kumar	Palamu	94	Binay Singh	Dumka
70	Shamima Khatun	Ranchi	95	Subedar Mahto	Hazaribag
71	Sumant Das	Ranchi	96	Bijay Kumar	Ranchi
72	Devendra Kachhap	Ranchi	97	Vijay Kumar Singh	Pakaur
73	Shiv Shankar Kumar Shiv	Ranchi	98	Md Kaiser Ali	Sahibganj
74	Sanjeeda Khatoon	Hazaribag	99	Laxman Singh	Ranchi
75	Mary Lugun	Ranchi	100	Murlidhar Soren	Deoghar



Summary: Learning Outcomes Impact in Jharkhand

Assessment by KPMG and
Feedback Advisory

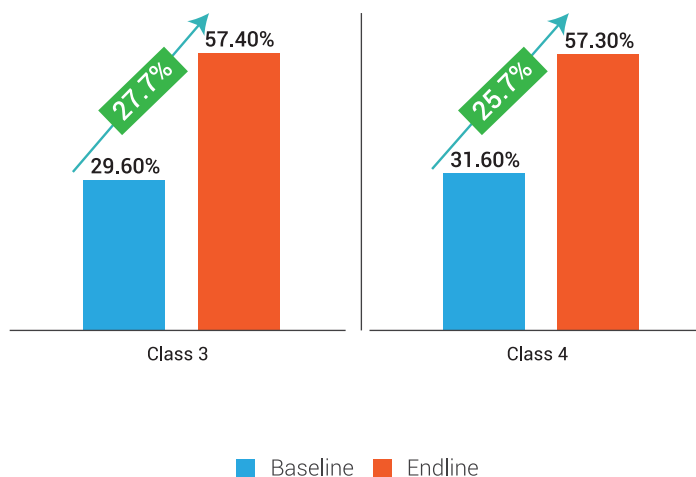


Independent Assessment by KPMG (Jharkhand), 2022

Since 2017, Sampark Foundation with the continuous support from Jharkhand Education Project Council has been designing and delivering frugal innovations in the state of Jharkhand which are relevant to the policies and priorities of the country – especially the National Education Policy 2020 and Samagra Shiksha Abhiyan.

The independent assessment by KPMG suggests that the impactful partnership between the two foundations has improved the performance of students studying in Class 3 and 4 as below

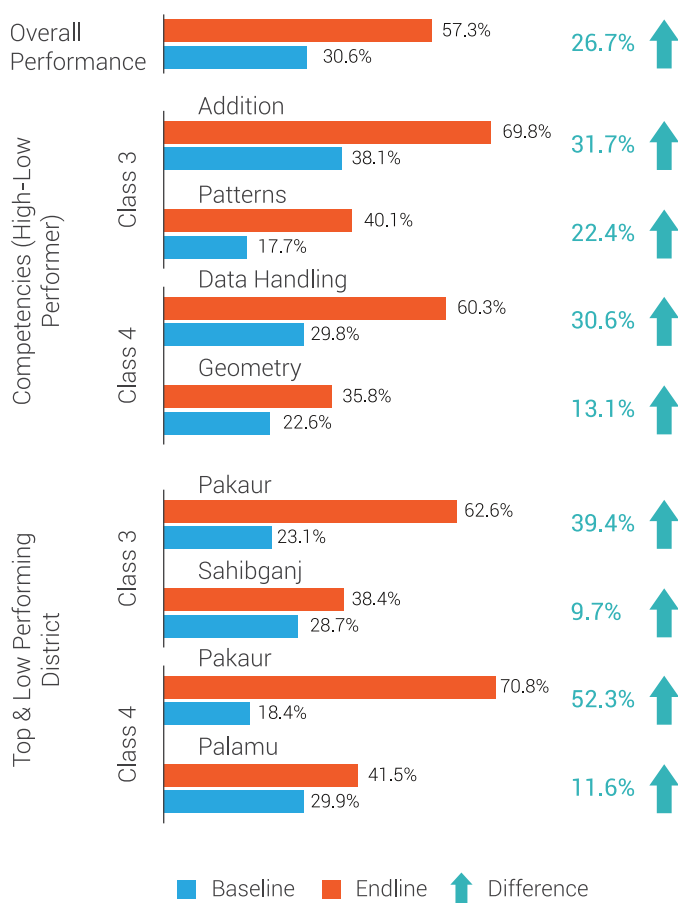
Jharkhand Learning Outcomes 2021







Class 3 & Class 4 Performances - Math



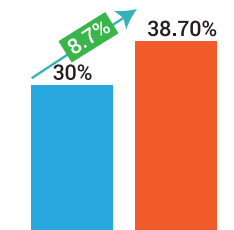
Furthermore, the study also suggests that there was an overall improvement of 26.7% in learning outcomes of students of Class 3 and 4 showing a remarkable improvement in competencies such as Addition, Patterns, Data-handling, and Geometry.

Average Performance By Class (%)



Independent Assessment by Feedback Advisory (Jharkhand), 2022

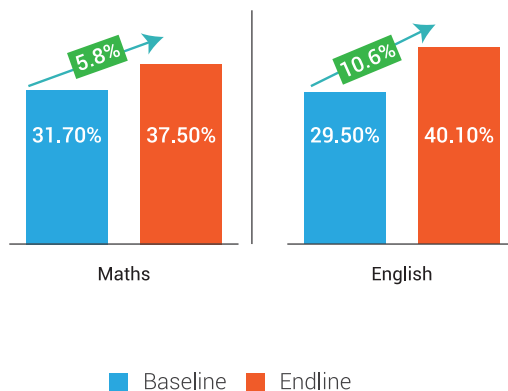
Overall performance of State



An independent assessment study by Feedback Advisory in 2021 in Jharkhand indicates that there has been a notable improvement in overall learning outcomes with

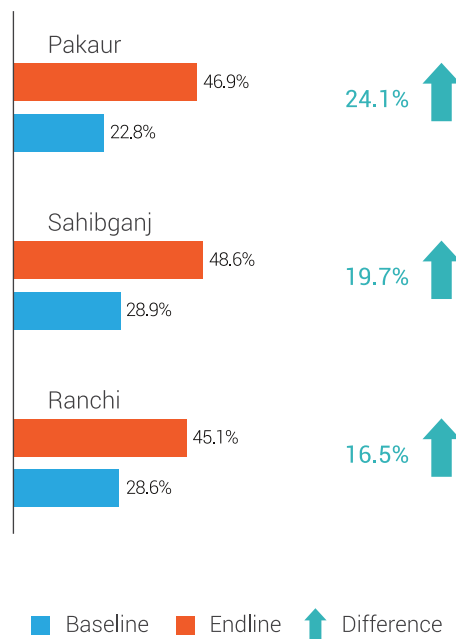
- 8.7% improvement in the overall performance of children in the state from 30% to 38.7%
- 10.5% improvement in the overall performance of children in English from 29.5% to 40.1%

Overall performance of State in English & Maths



Independent Assessment by Feedback Advisory (Jharkhand), 2022

The Feedback Advisory assessment conducted in Jharkhand indicates that Pakaur, Sahibganj and Ranchi are among the top performing districts with an overall improved learning outcome of 24.1%, 19.7% and 16.5% respectively.



*Due to the pandemic, the baseline could not be conducted in 2020 and hence the baseline for this study is taken from the survey conducted in 2019.







P4

Third Party Impact Assessment



Learning Outcomes Assessment Report

Jharkhand State
2021-22

KPMG (Third Party Impact Assessment)



Sampark Foundation has been working in Jharkhand since 2017. The current MoU was signed in 2017 between the Jharkhand Education Project Council (JEPC), Government of Jharkhand and Sampark Foundation was signed in January 2017 and is valid for a period of five years.

Jharkhand Education Project Council (JEPC), Government of Jharkhand is responsible for education in Jharkhand across the schools.

As per the MoU, the joint programme has the following objective-

The Primary Program aims to make learning interesting, meaningful and effective for children and for this purpose to introduce the new practices developed by Sampark in a phased manner. It also aims to strengthen the capacity of the resource groups in the pedagogy of Mathematics & English through a collaborative process involving direct field-based experiences and create a basis for the sustainable improvement of the quality of learning in Jharkhand Primary Schools.

KPMG (Third Party Impact Assessment)



The Program will encompass classes 1-8 (for classes 6-8 it is digital only) and will focus on developing the lesson plans and strategies for the same that can be used by teachers in the classroom that will facilitate improvement in learning outcomes. The Program Goal was for Jharkhand to be among top 10 states in learning outcomes by 2021.

While the focus of the project is primarily on Maths and English and on primary classes, it may also be extended till class 8 and to include other subjects such as Environmental Studies and Science.

For the purpose of the evaluation, KPMG conducted stakeholder consultations the State Head at Sampark and with two Sparks to gather their perspective. The stakeholders were-

- Mr. Ranjeet Kumar - State Head- Jharkhand, Sampark Foundation
- Mr. Parag Arnav - Spark - Jharkhand, Sampark Foundation
- Mr. Kundan Pandey - Spark- Jharkhand, Sampark Foundation



Criteria I- Relevance

Relevance is the extent to which the intervention objectives and design respond to beneficiaries, global, country, and partner/institution needs, policies, and priorities, and continue to do so if circumstances change.

i. Relevance to the needs of the beneficiaries

The programme has two sets of primary beneficiaries- teachers and students. The larger aim of the programme is to improve student learning outcomes and the medium of this is through training and provision of resources to the teachers.

As per the State Head of Jharkhand, the SSS programme's approach is to make the teachers' job easier using the syllabus aligned pedagogy and workbooks. He also mentioned that the teachers have also acknowledged the contribution of Sampark and it has been helpful to engage more with students.

ii. Relevance to the policies and priorities of the state/country

The project is relevant to the policies and priorities of the country- especially the National Education Policy 2020 and Samagra Shiksha Abhiyan.

Criteria I- Relevance



Alignment with NEP

NEP Theme	What does the NEP Say ?	How is the SSS Project Aligned ?
Foundational Literacy and Numeracy: An urgent and Necessary	The NEP places a great emphasis on the ability to read, write and perform basic operations with numbers, and calls it an 'indispensable prerequisite for all future schooling and lifelong learning'.	The SSS is directly aligned to the theme of improving literacy and numeracy. It focuses on English and Maths at the primary level and their work is focused on building fundamentals.
Prerequisite to Learning	It also points out that various surveys have established how a large proportion of the estimated 5 crore students in elementary school have not attained foundational literacy and numeracy.	Using the innovation of Sound Box- with the mascot Sampark Didi, Sampark uses the LSRW- Listening, Speaking, Reading, Writing and a 'whole language' approach to enhance literacy.

Criteria I- Relevance



Alignment with NEP

NEP Theme	What does the NEP Say ?	How is the SSS Project Aligned ?
	<p>The NEP has declared attaining foundational literacy and numeracy to be an urgent national mission to be completed by 2025.</p> <p>National Mission on Foundational Literacy and Numeracy to be set up.</p>	<p>The 3-D learning material and multimedia workbooks also support the teachers and students to ensure fundamental learning needs are met.</p>
Technology Use and Integration	<p>While education will play a critical role in this transformation, technology itself will play an important role in the improvement of educational processes and outcomes; thus, the relationship between technology and education at all levels is bidirectional.</p>	<p>The SSS project uses technology and innovation for improving learning outcomes.</p> <p>The focus is on providing technology which is scalable and suitable for public schools. In this project, technological innovations are used to provide teachers with the relevant tools to be able to improve learning outcomes. These include- Sampark Didi, Soundbox,</p>

Criteria I- Relevance



Alignment with NEP

NEP Theme	What does the NEP Say ?	How is the SSS Project Aligned ?
	An autonomous body, the National Educational Technology Forum (NETF), will be created to provide a platform for the free exchange of ideas on the use of technology to enhance learning, assessment, planning, administration, and so on, both for school and higher education.	Sampark Smart Shala and Sampark Baithak applications and workbooks. These innovations come together in an SSS kit which is provided to the teachers.
Teachers	The quality of teacher education, recruitment, deployment, service conditions, and empowerment of teachers is not where it should be, and consequently the quality and motivation of teachers does not reach the desired standards. The high respect for teachers and the high status of the teaching profession must be restored so as to inspire the best to enter the	<p>One of the main pillars of the SSS project is teacher training in high quality content and pedagogy, thereby directly aligning itself with the NEP.</p> <p>The project is integrated with the existing public education system and has been designed in a manner to support the teachers, rather than overburdening them.</p>

Criteria I- Relevance



Alignment with NEP

NEP Theme	What does the NEP Say ?	How is the SSS Project Aligned ?
	<p>teaching profession. The motivation and empowerment of teachers is required to ensure the best possible future for our children and our nation.</p> <p>Teachers will be given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions.</p> <p>Teachers doing outstanding work must be recognized and promoted, and given salary raises, to incentivize all teachers to do their best work.</p>	<p>The monitoring of the project is also done with a view to understand the problems that the teachers have been facing and helping them.</p> <p>The SSS app has an interactive platform called Baithak, which provides the teachers with a space to connect with other teachers and discuss common matters of interest.</p> <p>Sampark Didi is meant to be a supportive technology to help the teachers with their daily tasks.</p>

Criteria I- Relevance



Alignment with NEP

NEP Theme	What does the NEP Say ?	How is the SSS Project Aligned ?
	<p>Recognizing that the teachers will require training in high-quality content as well as pedagogy, teacher education will gradually be moved by 2030 into multidisciplinary colleges and universities.</p> <p>It is recognized that there may be several pedagogical approaches internationally for teaching particular subjects; NCERT will study, research, document, and compile the varied international pedagogical approaches for teaching different subjects and make recommendations on what can be learnt and assimilated from these approaches into the pedagogies being practiced in India.</p>	




Criteria I- Relevance

iii. Relevance to the SDGs

The project is extremely relevant to SDG 4- Quality Education. The specific targets with which the project is most aligned, are mentioned below-

SDG alignment

SDG	Targets	How is the Project Aligned ?
	<p>4.1 By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes.</p> <p>4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.</p>	<p>The project strengthens the public education sector in India which aims to provide free, equitable and quality primary and secondary education.</p> <p>The project works with SSA which is aimed at the universalisation of primary education in India.</p>

Criteria 2- Coherence



The compatibility of the intervention with other interventions in a country, sector or institution.

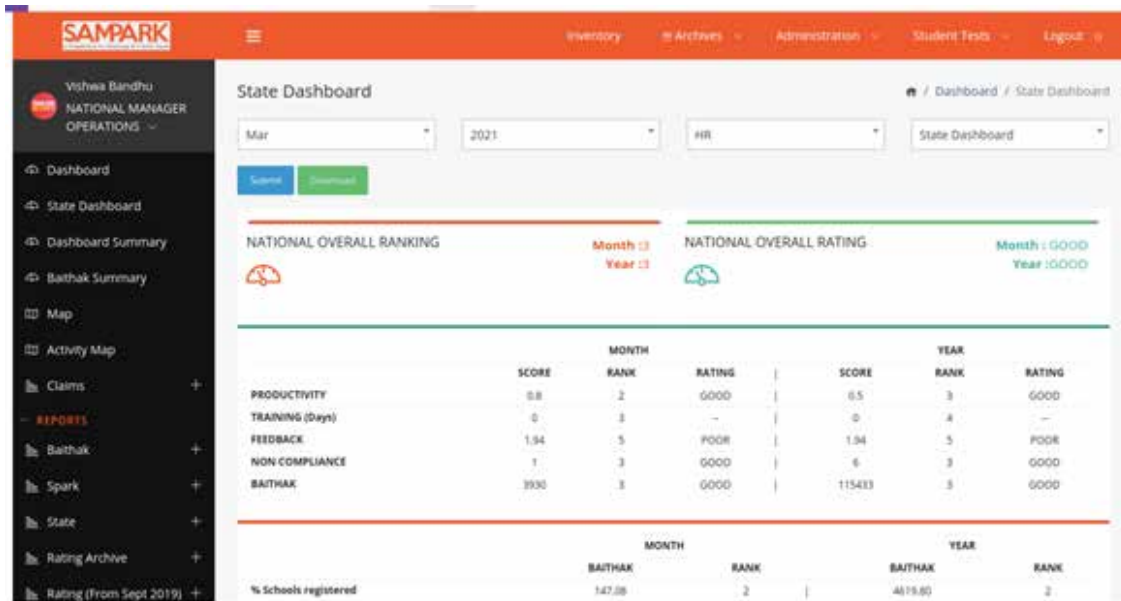
ii. Coherence with the government institutions

- The project is compatible with the government interventions in the country. It works with the public schools in selected states and the model is such that ownership lies with the government. The model is one that promotes coherence.
- In Jharkhand, the tie up of the project is with Jharkhand Education Project Council, Government of Jharkhand, which has focused on development of a cadre of teachers specifically focusing on Primary Education. The cadre is available as the State Resource Group, District Resource Group and Block Resource Group. Much like Sampark Foundation- their role is to specifically focus on improving the quality of Mathematics and English education in primary classes.
- The project uses the existing infrastructure of the state for the project and even at the monitoring stages, the CACs/CRCs, who are part of the Samagra Shiksha Abhiyan are involved.
- Sampark Foundation has also developed a dashboard which can provide updates to the state functionaries from time to time.

Criteria 2- Coherence



Sampark State Dashboard



Criteria 3- Effectiveness



The extent to which the intervention achieved, or is expected to achieve, its objectives, and its results, including any differential results across groups.

i. Target vs. Achievement

The project is meant to cover each and every primary school in Jharkhand. The schools covered were as follows-

As per the conversation with the state head, the current agreement with Jharkhand is till 2022, and the plan is to extend this further. Currently 13,947 schools (now 12510 due to merger of schools) of the state are covered, and 18,714 teachers have been trained. 8 out of 24 districts have been covered.

ii. Usage of the Sampark Smart Shala App

The below statistics are from March 2021 for the state of Jharkhand. (As shared by Sampark Foundation). Numbers are year-to-date.

Criteria 3- Effectiveness



SSS App Usage- Registration Data

- In Jharkhand, a total of 6,177 primary schools have been registered, that is, 50% of primary schools have been registered.
- 0.23% of teachers are active for >1 hour per month.in Jharkhand.
- Total number of registered teachers are 10,522.
- The app also has over 500 government officials registered, over 500 parents registered, and 600 other educators registered. Additionally, over 5000 unregistered users are there on the app.

SSS App Usage- Videos Watched

- Total Video Views- 66,318- fifth highest among all states of Sampark Foundation.
- Total Unique Users-8,295- lowest among six states of Sampark Foundation
- Math and English videos are second lowest among the six states and stand at
 - Math Video Views- 42,327
 - English Video Views- 20,869
 - Resource View Count
 - Total View Counts- 13,600
 - View per Active Users- 8.62
 - View per Active Teachers- 9.81

Criteria 3- Effectiveness



iii. Scale of the Program – Teacher Training

The objective of the program is to achieve learning outcomes at scale.

- The Sampark trainings are in sync with the current government school structure and syllabus.
- **Assisted Teaching: Innovation in Pedagogical Process** - All interventions are focused on assisting the teacher and not replacing them. Teacher guidebooks are designed to tell the teacher clearly what needs to be done after the video is played. The pedagogy is mapped with state textbooks, making it easier for the teacher to teach. Assisted teaching has high buy in from teachers as it makes them learn as they teach and makes the classroom easy to manage and deliver higher learning outcomes.
- **Smart Training: Innovation at Scale** - Sampark to conduct a 2-day mandatory training for two different teachers combined with the state training program as it has worked very well in the experience of Sampark. The training includes:
 - Use of audio/video both to introduce concepts and live class simulations by teachers done by the Sparks.
 - Refresher training to be conducted twice in the middle of the year at the cluster level for different grades and subjects.
 - Standardized training of teachers ensures consistency and reach.
 - The program is well understood by teachers and other ground level officials.
 - A sense of being part in a community is developed when you see thousands of your counterpart participating in this initiative.

Criteria 3- Effectiveness



- **Training of Master Trainers-** JEPC to select and make available from each block 4MTs for this program to be trained by Sampark Foundation.

iv. Coordination with the government- meeting expectations

Sampark Foundation shared a note with the evaluators by Dr. Avinav Kumar, Head-Quality Education, Jharkhand Education Project Council which testifies that the teacher centric approach of Sampark Foundation and its innovative TLMs have helped teachers to engage children actively and has resulted in tremendous improvement in learning environment.

Dr Kumar also mentioned that the state focus is also to improve learning outcome and to meet the goal that every child is at grade appropriate learning level which would help them understand their Grade specific books.

He also stated that Sampark Foundation's intervention has trained teachers in innovative pedagogical methods which has been integrated in their daily classroom transactions. Sampark training has also encouraged teachers to develop and implement their own innovative teaching learning practices. Praising the pandemic interventions, he mentioned that 'in challenging period of COVID, Sampark digital resources were very helpful. The foundation extended their total support in the digital initiatives of the state education.

Mr Kumar also emphasized how crucial their partnership with Sampark was and said, "Sampark is an active partner who supported the state in development of content aligned with NIPUN Bharat mission and state FLN initiative. They would be our partners in the FLN rollout. We look forward to Sampark being a prominent collaborator of the state in improving student learning outcomes".

Criteria 4- Efficiency



The extent to which the intervention delivers, or is likely to deliver, results in an economic and timely way.

i. The frugal model

- The project model is one that has been focused on being frugal to ensure scale of the project. Sampark Foundation has not taken any financial contribution from the Jharkhand Education Project Council for this project.
- The project is also extremely focused with a fixed set of subjects and classes- the focus is on primary school children and on English and Maths- this helps in ensuring that all the resources are targeted towards very specific initiatives to ensure that the objectives are met. The approach to Content and Methodology has been clearly defined in the MoU. Now the project is focusing on upscaling to include Science as well as classes up to 8th standard.
- The scale of the project is huge and hence it has the advantage of economies of scale and the cost per beneficiary is driven down.
- The model is designed in a manner that it is plugged into the existing systems of the government and hence can leverage the existing infrastructure of the government. Since Sampark does not hire local offices, but works out of government offices, the cost is further lowered as there is no duplication of cost and they invest only in the most important components.

Criteria 4- Efficiency



ii. Defined Roles and Responsibilities, Program Monitoring and Support

The roles and responsibilities of the JEPC and Sampark Foundation have been clearly defined in the MoU.

JEPC is responsible for	Sampark is responsible for
<p>Providing overall leadership in the implementation of Program with the support of Sampark Foundation</p> <p>ensuring and monitoring participation of the relevant government functionaries, teachers and headmasters</p> <p>make available a Learning Task Force with representatives in each district, and at the State Office as well as monitoring support (through Call Centre) and review</p> <p>Provide the requirements to the school for the effective implementation of the program. This includes-TV/Projector in high enrolment-schools, USB stick/Memory card for videos for every school, training of the teachers from every school, monitoring and school support by the CACs, Workbooks for children</p>	<p>providing academic inputs for the intervention as detailed which inter alia will build the capacities of teachers and teacher educators in the pedagogy of primary classes. The roles and responsibilities include-</p> <p>To build academic resource agency for content development, capacity building of teachers, and teacher educators participating in the program through orientation and training.</p> <p>To design and provide appropriate learning kits, curriculum objectives and expected learning levels, assessment tools, annual and quarterly plan, trajectory for development of specific concepts, in concurrence with Govt of Jharkhand.</p>

Criteria 4- Efficiency



JEPC is responsible for	Sampark is responsible for
<p>coordination with SCERT and incorporation of Sampark Smart Class worksheets in state textbooks,</p> <p>organize teacher training- including identification of Master Trainers from each block, travel lodging and boarding</p> <p>support deployment of baseline and endline assessments of the project</p> <p>provide infrastructure for team members at the state and block level</p> <p>ensure data entry for monitoring by CRC/BRC</p> <p>enable the process of development for a Chief Minister Dashboard.</p>	<p>To design and provide worksheets for state textbooks.</p> <p>Build capacity of teacher and school system</p> <p>Work with various departments to design appropriate structures to transact classes for meeting project outcomes.</p> <p>To conduct workshops to deepen the curricular and pedagogic knowledge of the resource group identified by the state</p> <p>Collaborate with SIEMAT, SCERT, & DIET as required for the program</p> <p>To conduct need based action research and document the processes and come up with periodic recommendations during the program for sustained development of the program</p> <p>To participate in project monitoring</p>

Criteria 4- Efficiency



Moreover, the entire program management mechanism is completely defined in the MoU with a PMU based out of JEPC. Logistics have also been clearly defined in the MoU.

A brief of the monitoring and review mechanism is presented below-

Level	Frequency
Chief Secretary	Once in three months
State Project Director	Monthly
District Collector	Monthly

Review meetings are also conducted periodically at the Block, District and State level on a quarterly basis.

Additionally, for program monitoring support, the following interventions have been put in place-

- Call centre at the state office
- Online portal in the form of Sampark Smart Shala App

Criteria 5- Impact



The extent to which the intervention has generated or is expected to generate significant positive or negative, intended or unintended, higher-level effects.

iii. Change in learning outcomes

For Jharkhand, the impact assessment has only been conducted for Maths.

Extracts from the impact assessment report show a clear increase between baseline and endline results:

- The performance of class 3 in Math has increased from 29.6% to 57.2%, that is, an increase of 27.7%
- The performance of class 4 in Math has increased from 31.6% to 57.3%, that is, an increase of 25.7%

Criteria 6- Sustainability

The extent to which the net benefits of the intervention continue or are likely to continue.

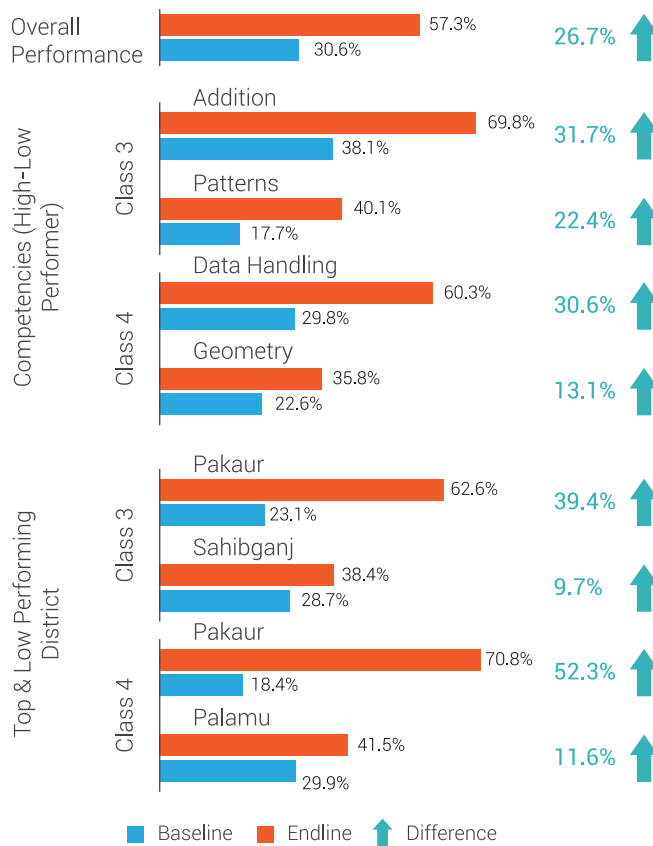
i. Sustainability of project outcomes

Sustainability of the project is built into the project model. The idea of the project is for Sampark Foundation to transform the public education system and have the system take ownership of the interventions so that they can continue with the best practices. The teachers have been provided with training and resources so that they can sustain the project outcomes.

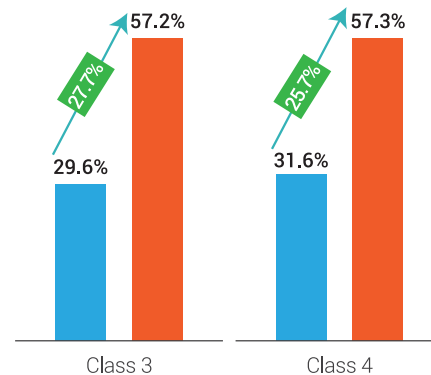
Criteria 5- Impact



Class 3 & Class 4 Performances - Math



Average Performance By Class (%)



Learning Outcomes Assessment Report

Jharkhand State
2021-22

Feedback Advisory Report (Third Party Evaluation): Observations and Findings in Jharkhand

Overall Summary – Jharkhand

- Overall, more than 60% of students couldn't clear the Grade-3 level test
- Performances of higher classes have been low as more than 60% and 50% students of Class 4 & Class 5 respectively couldn't answer the Grade-3 level questions
- The highest-scoring competencies were Alphabet Recognition for English and it was the most correctly answered competency, with a highest growth of 15% as compared to the 2019 scores
- For Math, Addition & Measurement has been the highest scorer (52%)
- District-wise top performers of Jharkhand - Sahibganj and Pakaur - had more than 50% of students who couldn't answer the Class 3 grade questions
- Although the Grade-3 level tests were used, the highest score achieved by Class 5 students was from Purbi Singhbhum, which was only around 60%
- Scores of Class 3 & 4 Sentences competencies for the districts Palamu & Purbi Singhbhum have been less than 10%
- Sentences (23%) and Patterns (23%) are the low-scoring competencies and need improvements, especially in Class 3 and Class 2

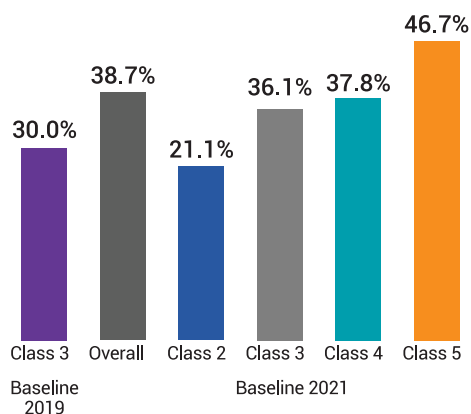
Key Learning Outcome

Overall, only 39% of students were able to pass the Class 3 level tool tests, which is 9% higher than the 2019 scores

Coverage:

- 8 districts & 22 blocks covered in Jharkhand
- Students from 50+ schools participated in tests from Class 2-5
- Students studying from home through online classes
- 2000+ students' tests conducted through home assessments in July
- Class 3 assessment tool was used for Class 2, 3, 4, & 5

Average Performance by Class Wise

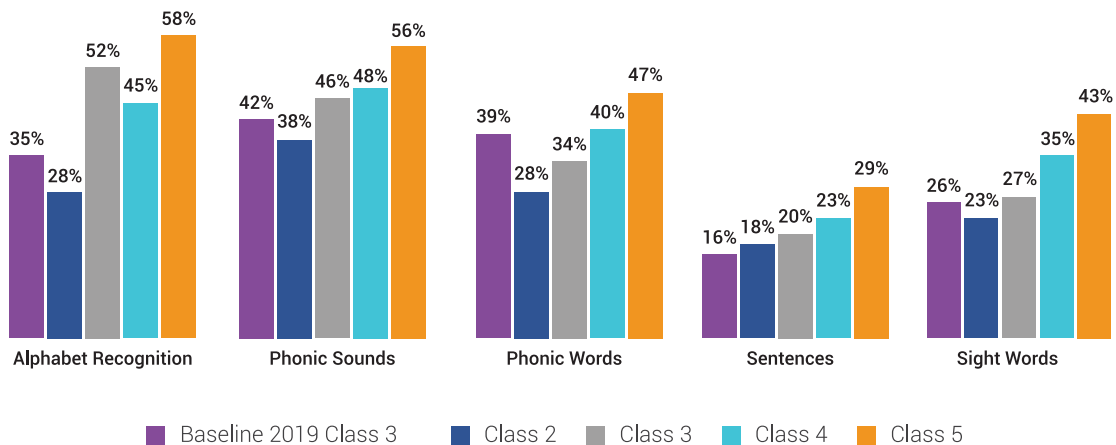


Key Findings

- The Class 5 performance overall has been the highest for both subjects. However, around 50% of the students couldn't complete the Grade-3 level test
- Around 60% of Class 4 students couldn't answer the Grade-3 level questions of English & Math
- Overall, compared to Class 3 performances in Baseline 2019, Class 3 students have seen a 6% growth in 2021, while less than 64% could solve Math & English tests
- The English learning level has shown a growth of 4% and Math has shown a growth of 10% as compared to Baseline 2019

English Competencies:

Sentences was the lowest-scoring competency, with around 80% of students not able to answer the related questions

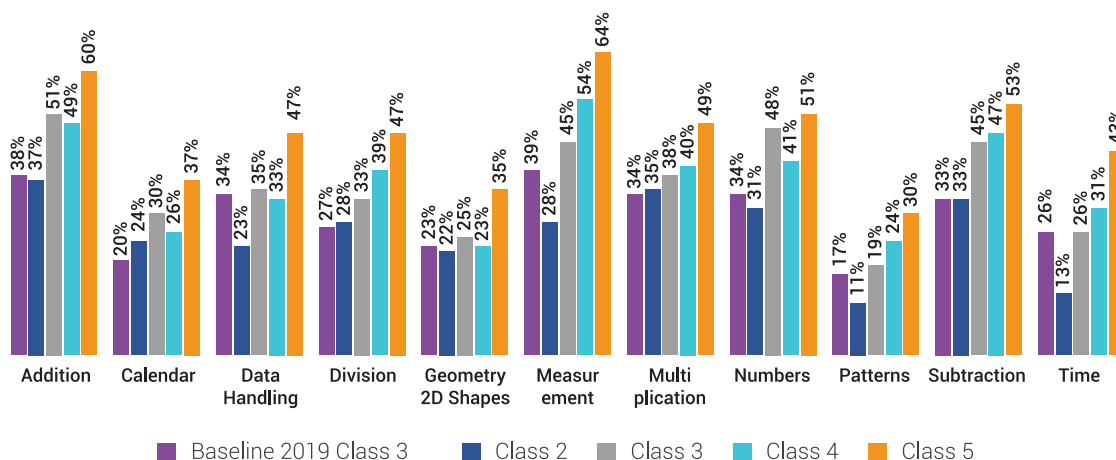


Baseline 2021

- Alphabet Recognition was the most correctly answered competency. However, more than 40% of students were not able to give the correct answers for the same.
- In a like-to-like comparison, the Class 3 performances have increased for all the competencies (except Phonic Words), with Alphabet Recognition seeing the highest growth of 17% as compared to the Baseline 2019 score
- Class 3 students from Purbi Singhbhum, Dumka & Pakaur districts have been low performers in most competencies
- More than 90% students of Class 3 & 4 of districts Palamu & Purbi Singhbhum couldn't answer Sentences competency questions
- More than 70% students of Class 3 couldn't give the right answers for Sentences and Sight Words competency questions

Math Competencies:

Calendar was the lowest-scoring competency, with more than 70% of students not able to answer the related questions



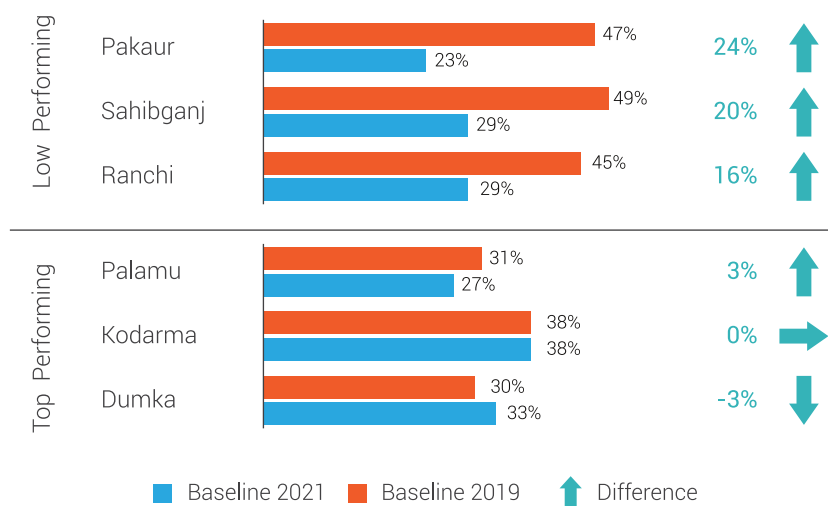
Baseline 2021

- In a like-to-like comparison for Class 3, Numbers & Addition have seen the highest growth at 14% as compared to Baseline 2019
- Geometry 2D Shapes & Pattern were the lowest-scoring competencies overall, with around 75% of students not qualifying in the tests
- Class 3 students of Purbi Singhbhum, Dumka & Palamu have been low performers in most competencies
- Overall, less than 50% students of Class 5 could answer all the questions of Grade 3 level Math, while for Class 4 more than 60% of students couldn't answer the Grade 3 level test

District Performance:

Sahibganj and Pakaur, which were the highest scoring districts, had only around 50% of students clearing the tests

Top & Low Performer Districts of Jharkhand (%)

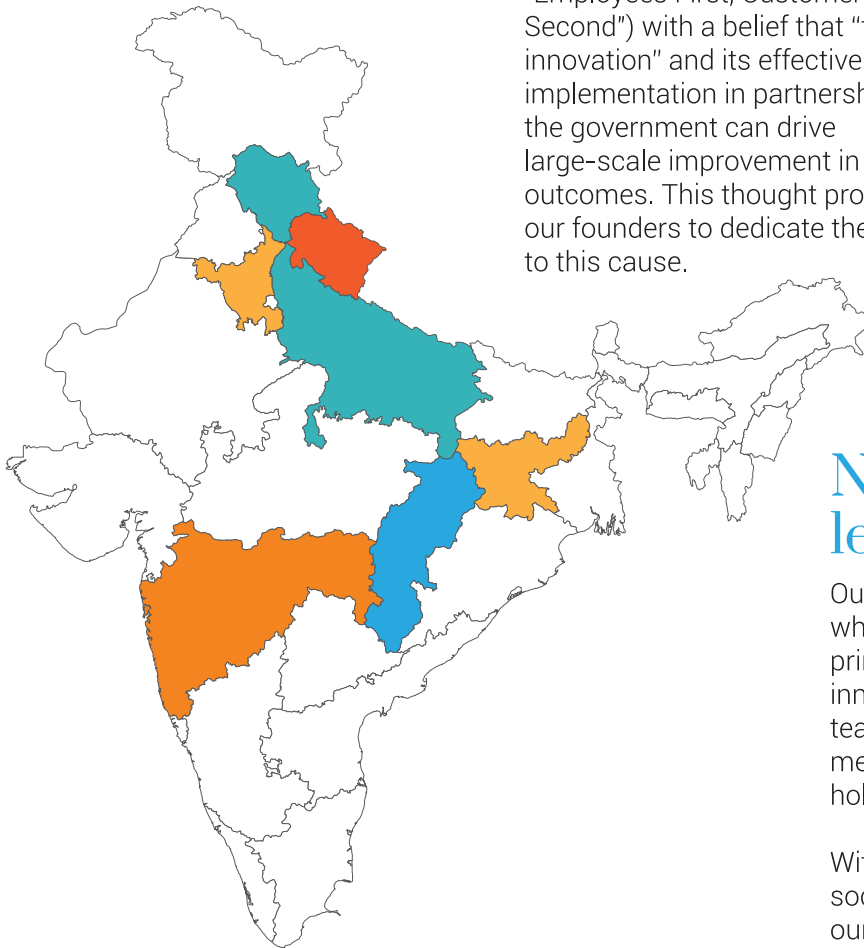


- Overall, Dumka has the lowest score at where only 30% students were able to answer the tests correctly
- Despite the use of Class 3 tool, Class 3 & 4 of Dumka, Purbi Singhbhum & Palamu have scored the lowest as compared to the same level classes in other districts
- Kodarma Class 2 & Dumka (all classes) have scores below 50% for all competencies
- Purbi Singhbhum Class 3 students have the lowest score overall, with only 23% of students answering correctly on tests

In a like-to-like comparison, Class 3 performance for Purbi Singhbhum has shown the highest dip at 8% as compared to the 2019 Baseline

About Sampark

Sampark Foundation was founded by Anupama Nayar and Vineet Nayar (Former Vice Chairman and CEO of HCL Technologies and author of Harvard Business Press bestseller "Employees First, Customer Second") with a belief that "frugal innovation" and its effective implementation in partnership with the government can drive large-scale improvement in learning outcomes. This thought prompted our founders to dedicate their lives to this cause.



No child left behind

Our vision is to create a world where every child receives optimal primary education through frugal innovation in the critical domain of teaching practices, tools and methodologies, thus fostering their holistic development.

With innovation-led large-scale social change as the central idea, our mission is to significantly improve the quality of education for 20 million children by 2020 across 200,000 schools in 6 states.



The change on the ground would not be possible without our Sparks, who work relentlessly with great pride and passion, and a single-minded focus on results!



"Sampark Baithak has been launched by the Haryana government with the objective of providing home-based education to primary school children during lockdown."

Shri Manohar Lal Khattar,
Chief Minister,
Haryana



"I thank Mr. Vineet Nayar for his continued support to the state. We extend all support needed to make it happen."

Shri Trivendra Singh Rawat,
Former Chief Minister,
Uttarakhand



"I am sure our young State will see significant improvement in the quality of primary education with such a strategic partnership."

Shri Raghubar Das,
Former Chief Minister,
Jharkhand



"I urge the community-oriented bodies like Sampark Foundation to adopt the eight aspirational districts of Uttar Pradesh."

Yogi Adityanath,
Chief Minister,
Uttar Pradesh



"We are grateful to Sampark Foundation for bringing Innovation to our State, that will ignite classrooms, giving teachers a new way to stimulate children to learn better."

Shri Jairam Thakur,
Chief Minister,
Himachal Pradesh



"This is a very innovative intervention that is bringing excitement back into the classroom and significantly improving learning outcomes as we saw last year."

Dr. Raman Singh,
Former Chief Minister,
Chhattisgarh

SAMPARK

A Foundation by Anupama & Vineet Nayar

Sampark Foundation, A-176, Sector-40, Noida - 201301, Uttar Pradesh, INDIA, Ph No: 0120-4217660

www.samparkfoundation.org



[@ contact@samparkfoundation.org](mailto:contact@samparkfoundation.org)



[@SamparkOrg](https://www.facebook.com/SamparkOrg)



[@samparkfoundation](https://www.facebook.com/samparkfoundation)



[@samparkfoundation](https://www.instagram.com/samparkfoundation)



[@sampark-foundation](https://www.linkedin.com/company/sampark-foundation)



[@samparkfoundation](https://www.youtube.com/channel/UCsmparkfoundation)