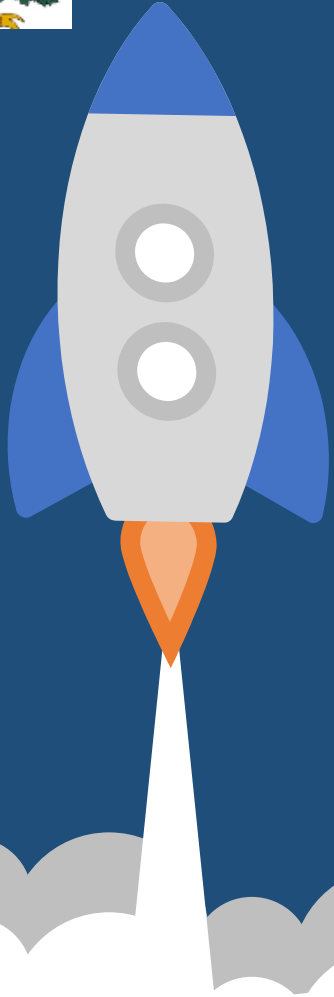
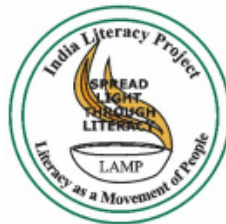




KK Region – ILP - DELL Project for Skilling High School Students



Date: 19th Jan-2024
Place: Azim Premji
School , Kalaburagi



Implemented by

India Literacy Project

www.ilpnet.org

Supported by

DELL
Technologies

**A CATALYST FOR 100%
LITERATE & EDUCATED INDIA**



Our Reach

We hit the 3 Million mark!



Website: <http://www.ilpnet.org>

10

States

7185

Villages

24202

Preschools & Schools

3,348,819

Students

What we do...

1

**Enroll and retain children
in preschools and schools**


2

**Enable learning in
innovative ways**

3

**Empower students
through career pathways**

Our Approach



Create Easy to use, Open Source,
Packaged, resources and Processes that
are owned by and belong to every
teacher that uses it
without depending on us.

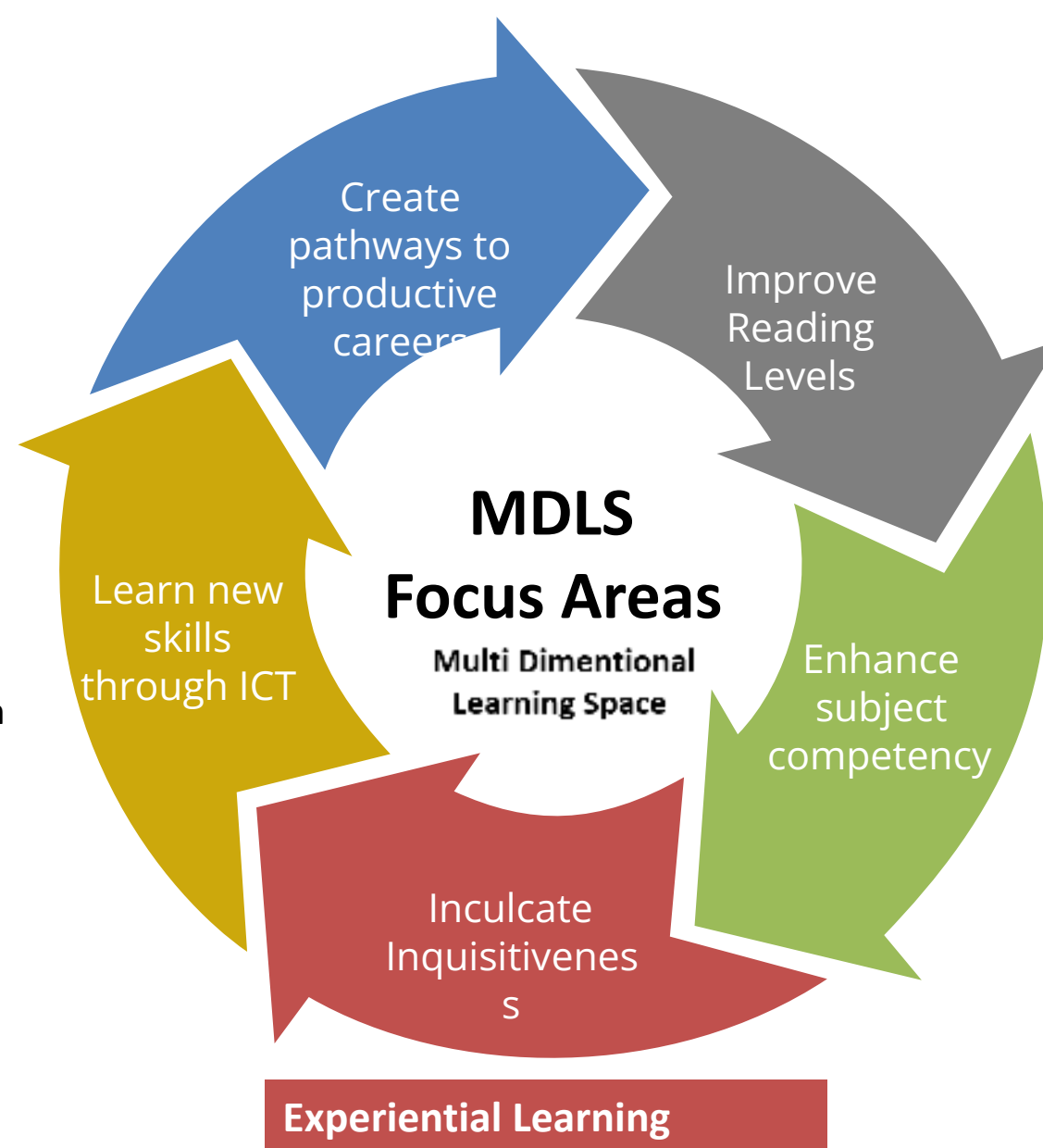
Our Programs

Career Guidance

- Career Exposure
- Self Discovery tools/Psychometric tests
- Career Guidance
- Available in Kannada, English, Tamil, Telugu, Urdu, Odia and Hindi

Skill Development

- Implement ICT in school education
- Self Learning Modules for 30+ Linux Tools
- NCERT recommended tools
- Follows TALP guidelines
- Available in Kannada



Library program

- Child friendly library setup
- Reading level appropriate books
- Reading habits calendar
- Assessments
- Kannada, Tamil, Telugu & Hindi

Digital Classrooms

- Constructivism (5E) at the core
- Follows NCF/NEP Guidelines
- Open Source, Editable, Mapped to Syllabus
- Available for grade 4th to 10th
- Math, Science and Social Science
- English, Kannada, Tamil & Telugu

Experiential Learning

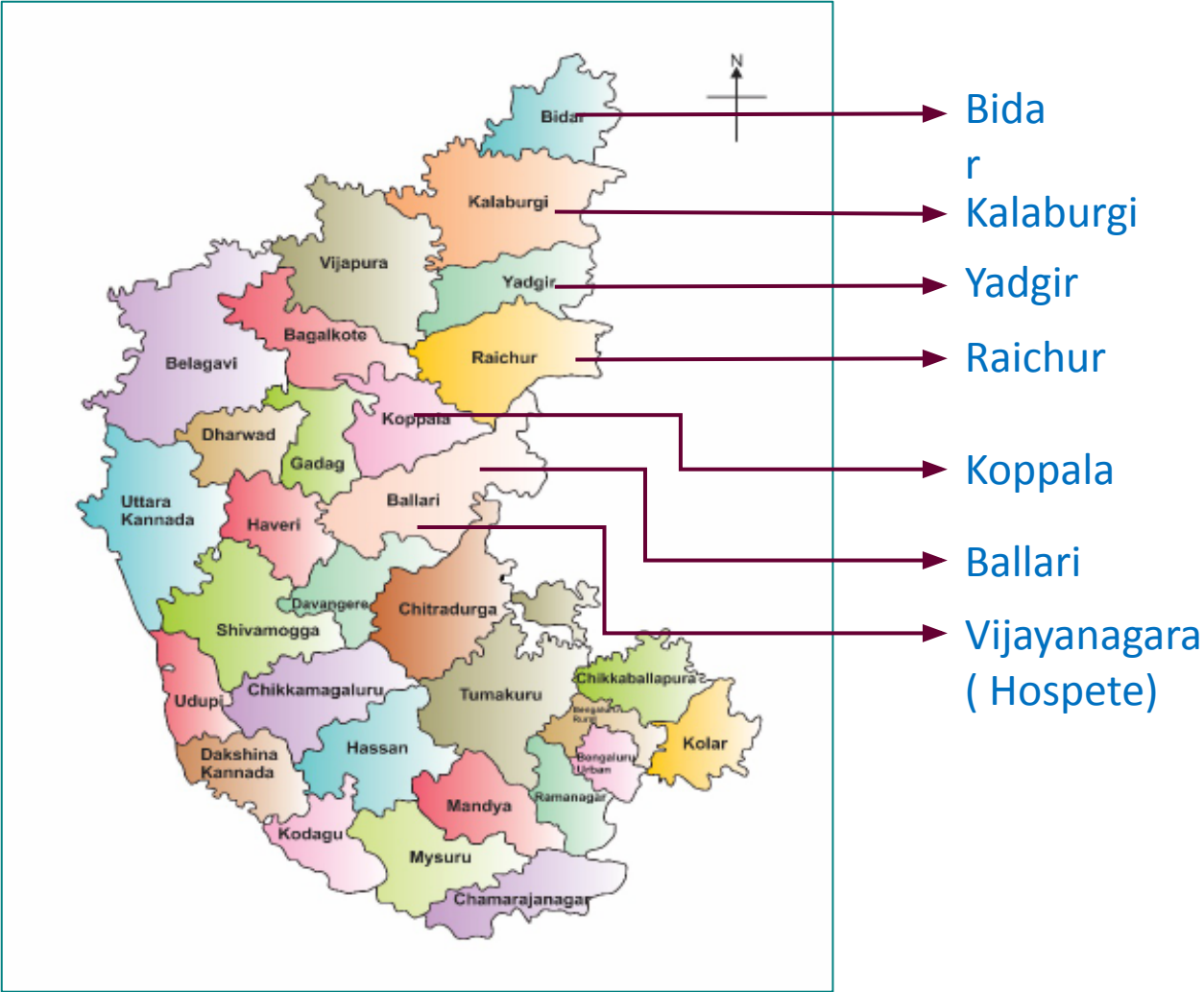
- Comprehensive science kit for grade 5th to 10th
- Google earth based content for Social science
- Available in Kannada, English , Tamil, Hindi and Odia

DELL – ILP PROJECT
LOCATIONS

Kalyan Karnataka Region:

High Schools	1193
GP Libraries	1045
Students	3+ lakhs
Teachers	5000+

Empowering Educators to provide ICT skills & career guidance to students



Activities We Do

ICT in school Education for Skill Development

Computer Skills

Encourage self learning through videos created in Kannada for about 30+ Linux tools

Conduct regular training sessions to both teachers and students on the tools.

Help teachers integrate these tools as part of their curriculum for practical learning.

Career Exposure

Enable children to aim big and work towards their goal

Help children understand specific aspects of careers of their interest

Train teachers to be career counsellors

Digital Classrooms

Conduct teacher training on Digital Classroom using ILP's content framework

Help link curriculum to Computer tools, so that students practically use tools they learn even for their syllabus

Help students become job ready while learning their subjects too



Why Digital Skilling

Employment

Only 20 percent of our graduates get employed

Demography

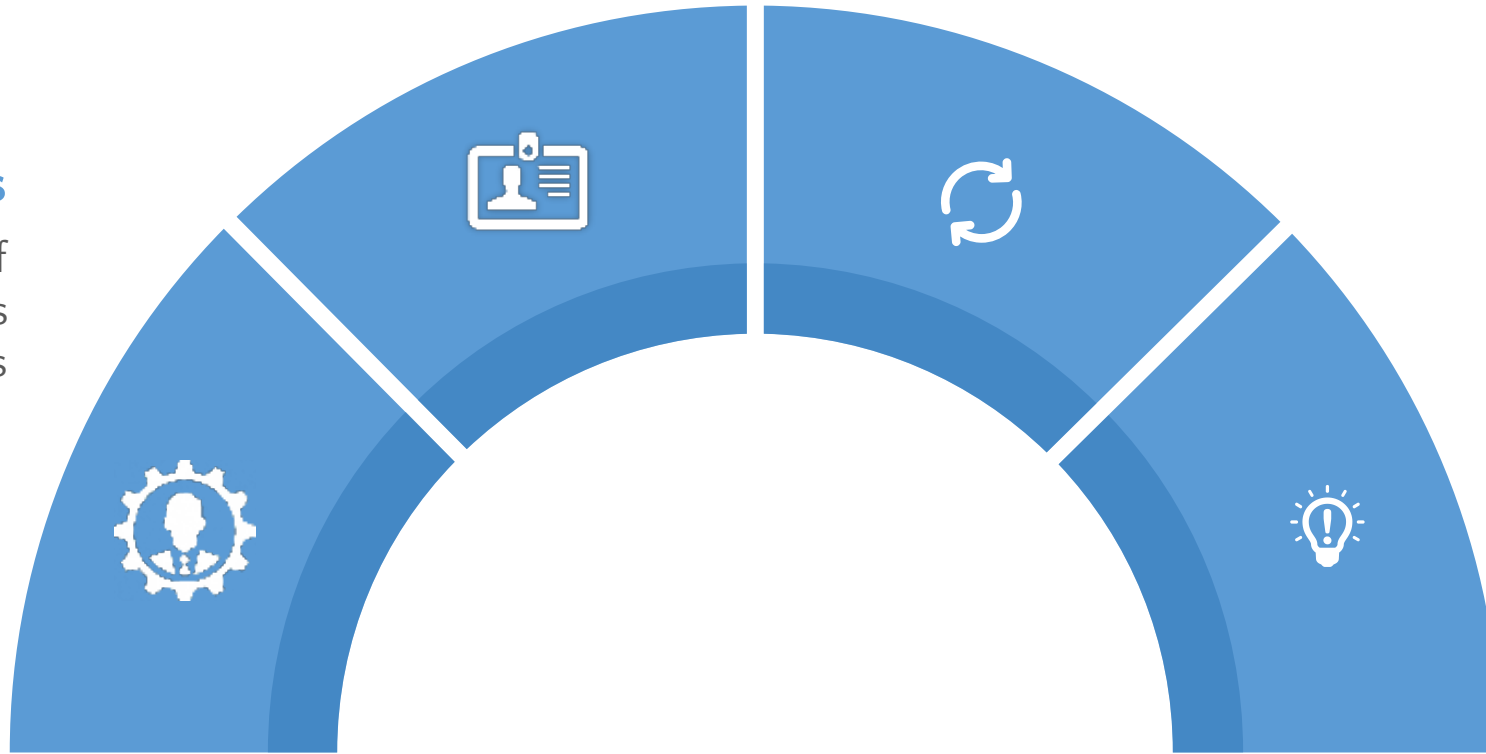
Rural Youth constitute 68% of the country's total population

Skills

About 90 percent of employment opportunities require skills

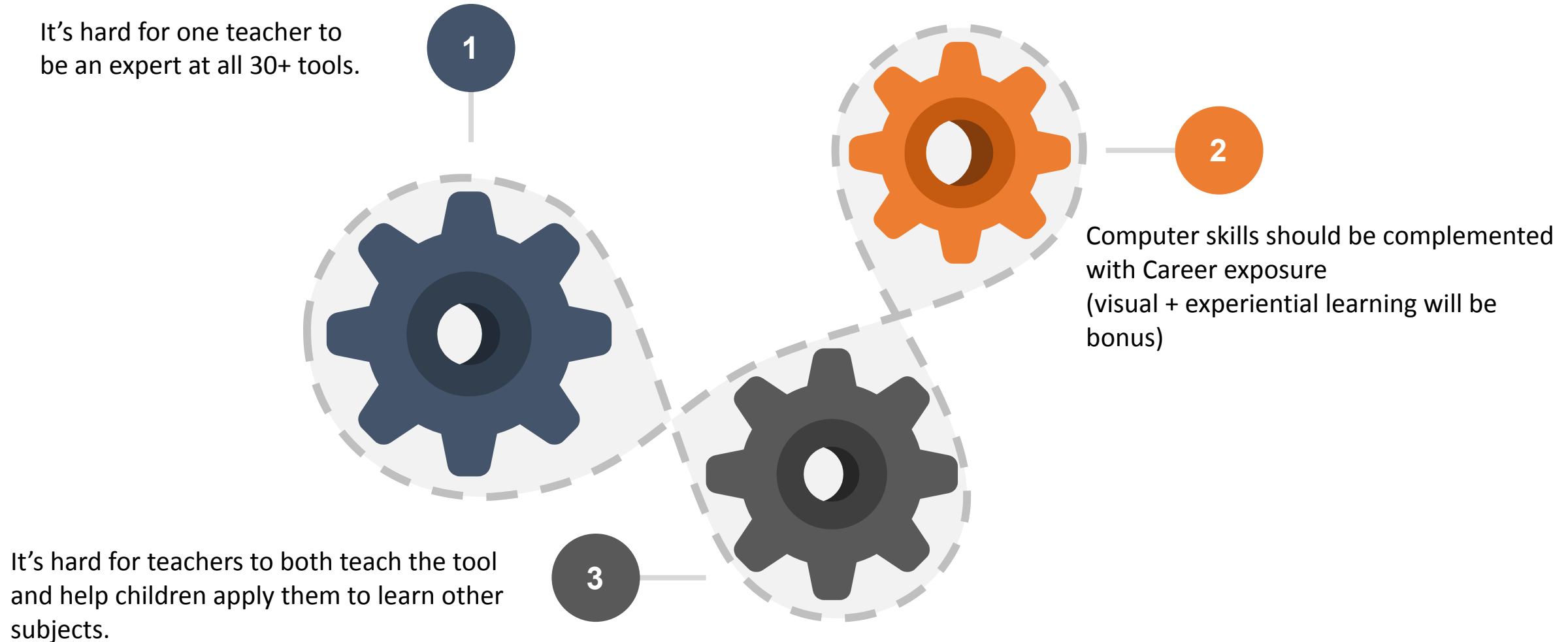
Digital Technology

Digital Transformation across all sectors



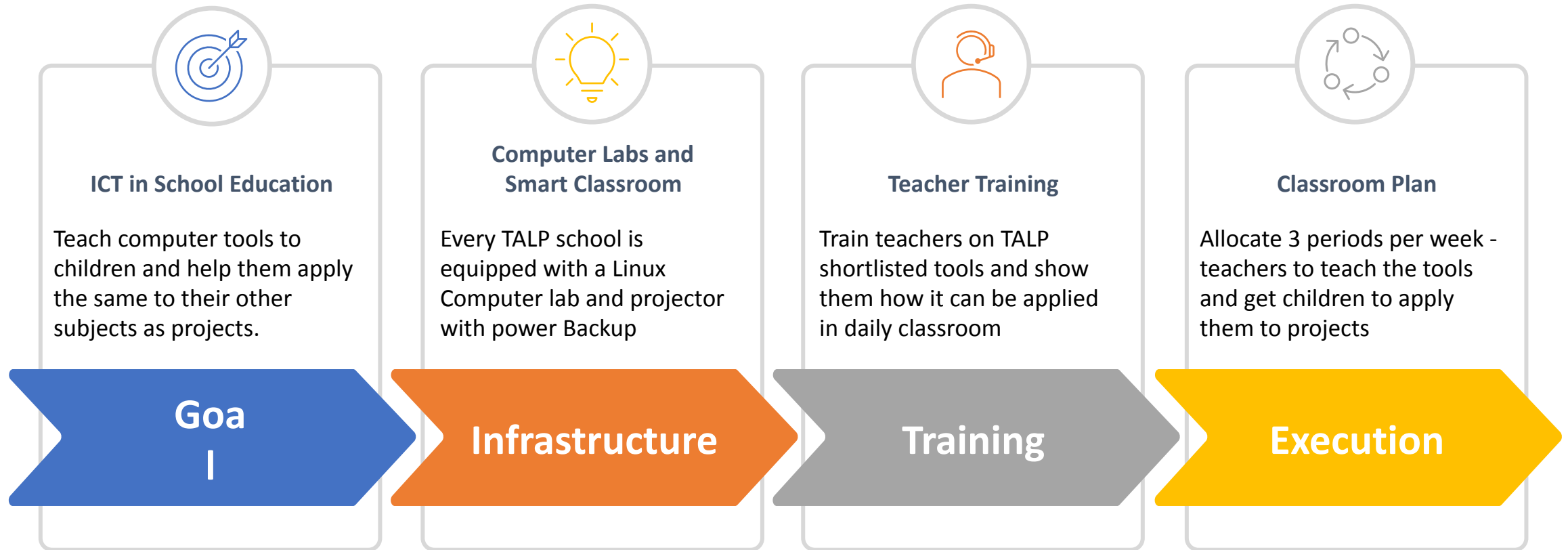
Challenges – TALP

ICT in school Education for Skill Development



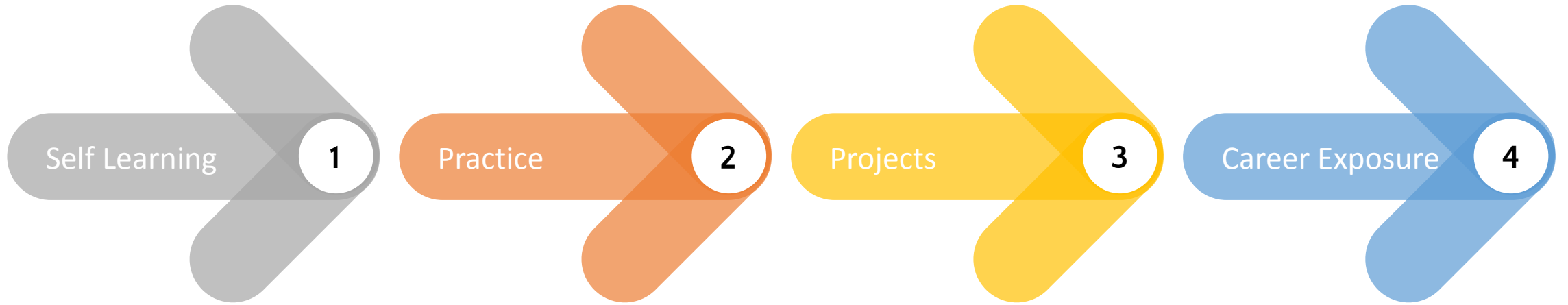
Current Program – TALP

ICT in school Education for Skill Development



Solution – TALP+

ICT in school Education for Skill Development



Enable and Encourage students to Self Learn using Training videos in Kannada

Help students practice the tool with a practical example as they learn

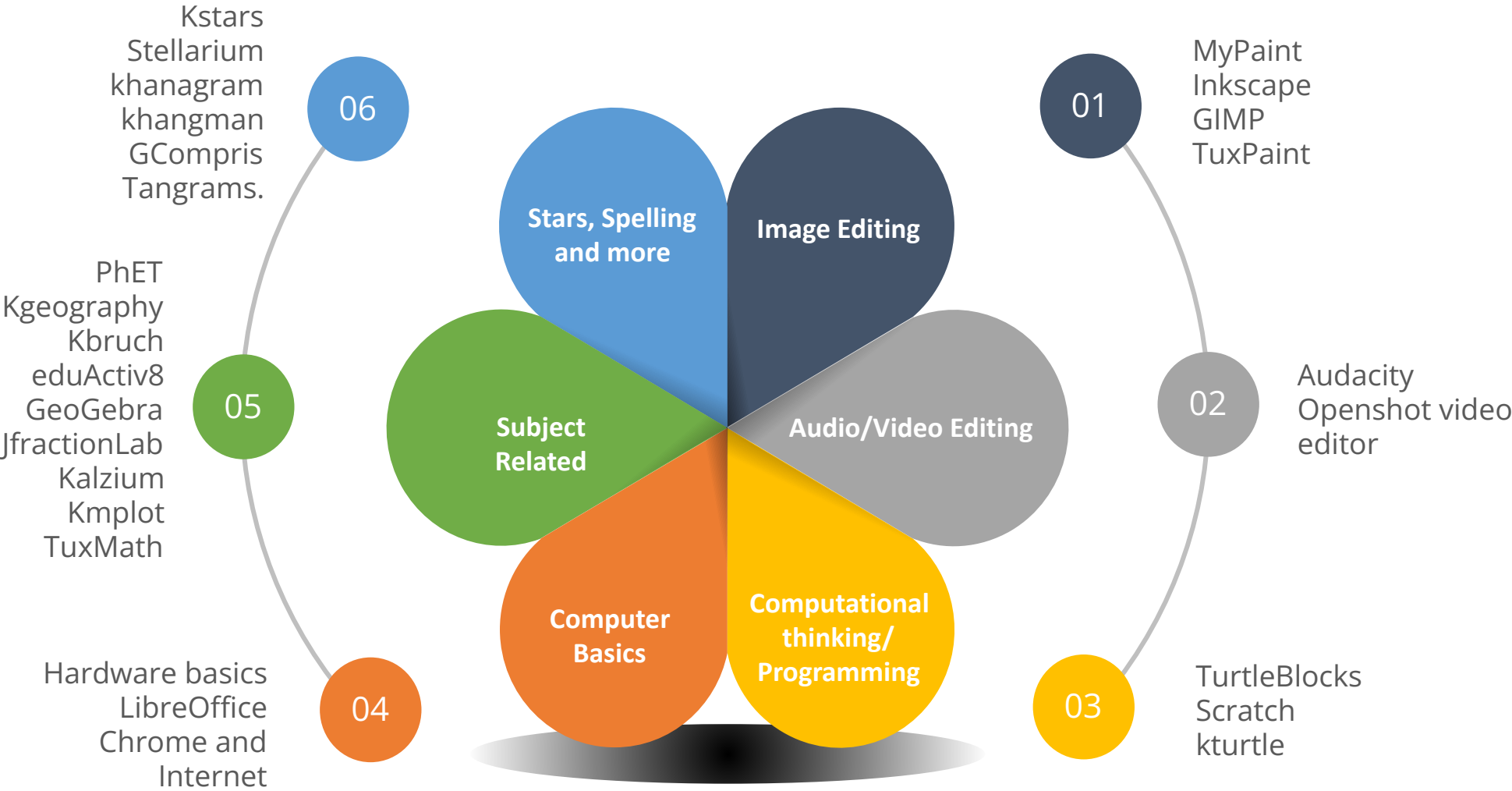
Suggest meaningful projects to students / teachers that map to core subjects

Explain career options, so that students understand the use of tools in the career of their choice

ICT in School Education

Computer Basics
Image Editing
Thought Articulation
Data Entry and Organization
Puzzles / Vocabulary
Programming
Math and Science Simulations
2D/3D Image Editing
Audio Editing
Video Editing
Presentation skills
Data Manipulation and Analysis
Internet / Cyber Security
Astronomy Basics

Skills



Tools

Curriculum – 3 Years (Can be changed based on TALP goals)

ICT in school Education for Skill Development

8th Grade

Computer Basics
Image Editing
Thought Articulation
Data Entry and Organization
Puzzles
Vocabulary
Programming – Basics
Math and Science Simulations

8th Grade

9th Grade

10th Grade

10th Grade

Astronomy Basics
2D/3D Image Editing
Audio Editing
Video Editing
Presentation skills
Data Manipulation and Analysis

Science and Math Simulation - Advanced
Programming - Advance

9th Grade

2D/3D Image Editing
Audio Editing
Video Editing
Presentation skills
Data Manipulation and Analysis

Internet
Cyber Security
Science, Math and Social Science Simulation
Programming - Intermediate

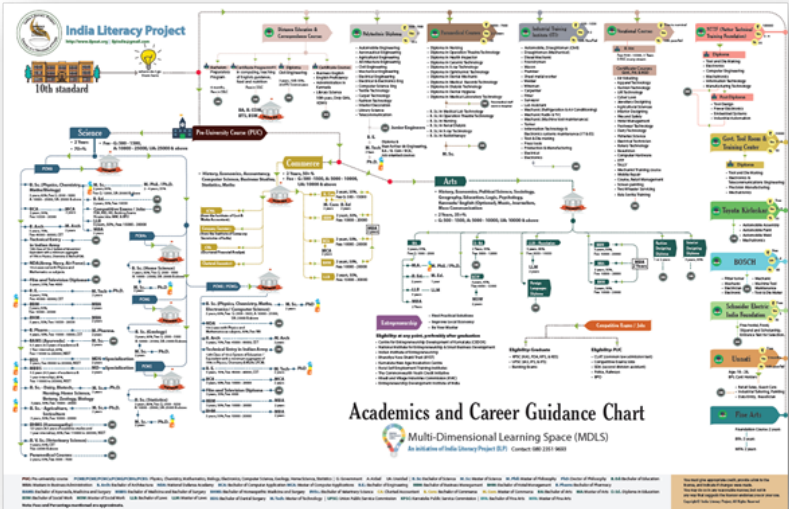
ICT in School Education



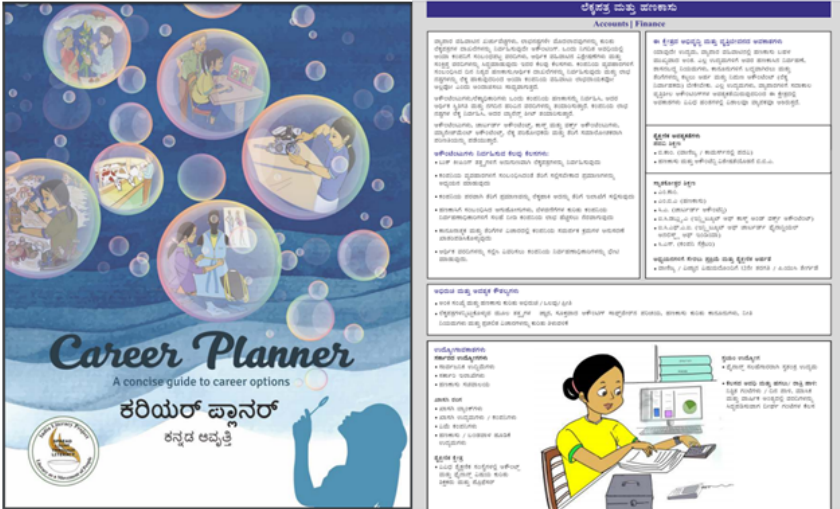
What we provide:

- Self Learning videos in Kannada for 30+ educational tools.
- Structured training program for subject Teachers (English, Science, Maths & Social Science)
- Covering over 1100+ govt schools across 10 districts in Karnataka.

Career Exposure and Counselling



Career Chart on Fabric



Career Planner/Book



Self discovery Workbook

What we provide:

- Career Chart, Career book and Visual Aptitude test
- Mobile App and Website with career info
- Structured training program for Teachers/Career Counsellors
- Covering over 3,75,000 students of govt schools across 10 States. Have trained 180 Rotary Volunteers pan India.



ನಿಮ್ಮ ಬೆರಳ ತುದಿಯಲ್ಲಿ, ಎಲ್ಲಾ ಉತ್ತರಗಳನ್ನು ಪಡೆಯಿರಿ!

ಚಾಟ್

Chat with us on Whatsapp

Send "H1" to +91 93848 80336

Scan QR Code

ILP - ಬಾಡಿಸ್ ನಾಟಾ ಮಾಟಿಸ್ ಎಂದೂ ಬೇಡಿ

English, ತಮಿಳು, ತೆಲುಗು, ಕನ್ನಡ, ರೆಡಿ, ಕೆಡಿ

URL: <https://t.me/ILP>

ILP Chat BOT 93848 80336

Digital Content to improve learning



What we provide:

- Free, Open source, Customizable (In PowerPoint format). **Uploaded on the Diksha Portal, MHRD, of Govt of India.**
- Aligned with NCERT Curriculum for government schools: Grades 4-10 for Science, Math, Social Science
- Teacher training and support for use in class
- Feedback from teachers – very useful for teaching and more so for revision after the chapter is taught

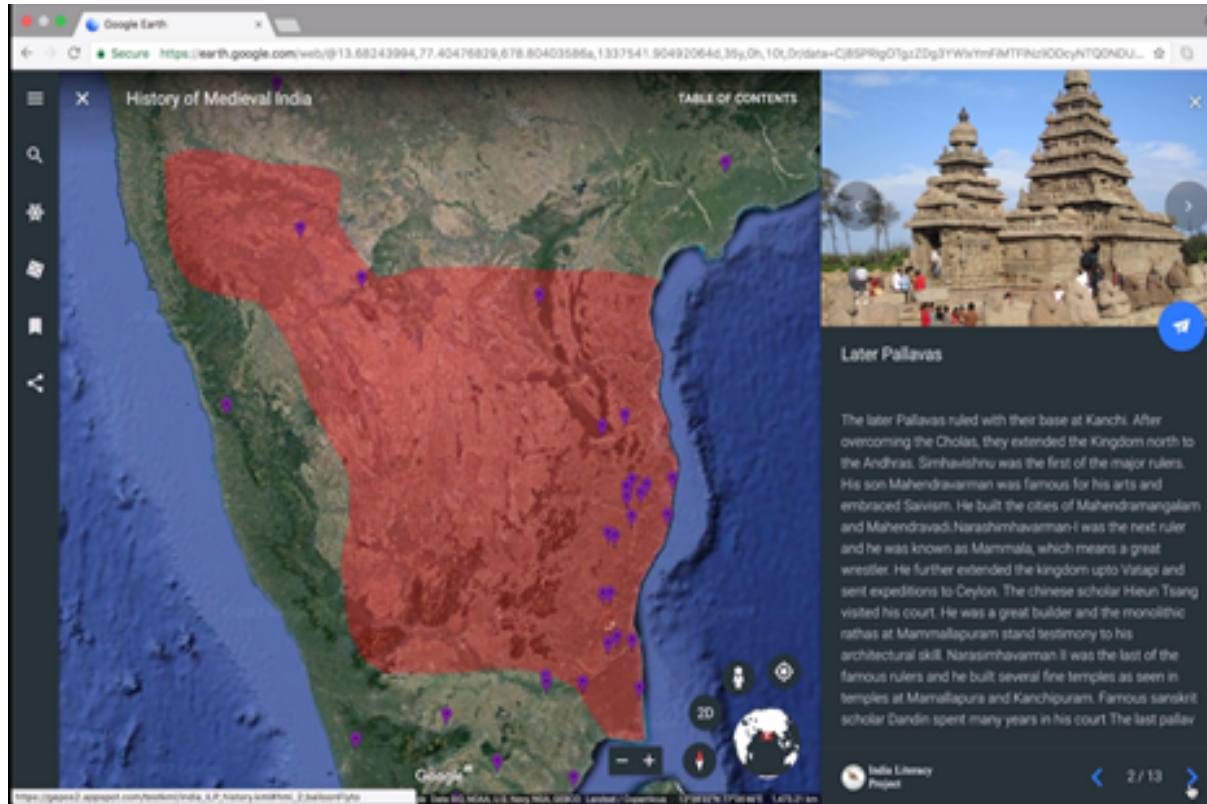
Experiential learning: Science Kits



What we provide:

- Hands-on, Low cost, Local material. **Dept of Education, GoK, has quality certified and purchased 5500 kits, Rotary Bangalore Dist, Infosys Foundation and other CSR have purchased the kits from us**
- 150+ Components for experiments in Physics, Chemistry and Biology to cover 150+ concepts
- Aligned with NCERT Curriculum: Grades 5 – 10, Training videos, manuals and a structured training program.

Experiential learning: Bringing the World into the Classroom



What we provide:

- Google Earth based explorative content for History and Geography
- Enables Visual Learning and Exploration
- State Curriculum: Grades 6 -10

ILP – Government Partnership

Development

ICT in school Education for Skill



ILP

- Free and Open Source, Self Learning Training Videos on all Linux Tools taught as part of TALP (All training modules in Kannada)
- ILP Facilitators (funded by ILP) in each district to work with the education department to help with the execution
- Provide Career Counselling kit and train all high school teachers to help them become career counsellors
- ILP Facilitators can also work with teachers on using ILP's and department's open source digital content for core subjects
- ILP Facilitators trained Department MRPs across all districts to provide training to all science teachers

Government

- ICT infrastructure (Already implemented in TALP schools)
- Trained Teachers (Already trained on TALP)
- Project monitoring along with ILP
- Science kits for all schools

Approach: Towards the Self Sustainability.

2021-22

- Setting up the ICT Labs
- Upgradation of System OS
- Self Learning resources uploading.
- Demonstration from facilitators .
- On job -training and continuous mentoring

2022-23

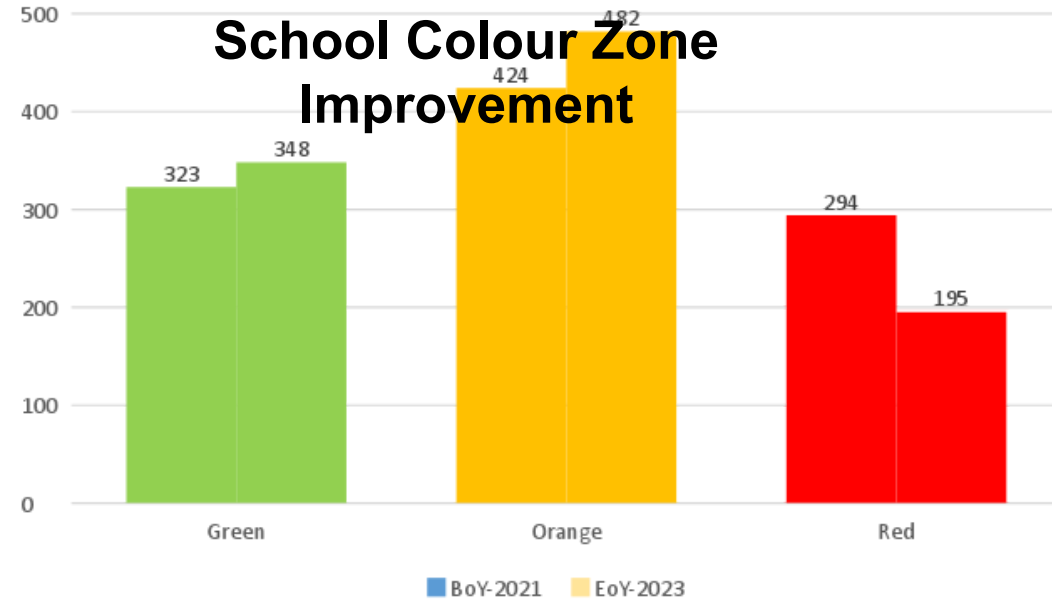
- Segregated the schools in the color zones (based on the infra-assessment)
- Upgrading the OS along with upgrading the contents .
- Identification and fixing of infra gaps .
- Demonstration (50%) from teachers and observation towards self learning.
- Self learning assignments to students
- Tools assessment

2023-24

- Towards Self learning -Self exploring and Self sustainability.
- ICT Subject based trainings (34 blocks-136 days)
- On- Job mentoring & hand holding .
- Demonstration from teachers and observation continues.
- Tools assessment continues.
- More practice sessions to students
- Identification and fixing infra gaps .

Impact – Fixing the Infrastructure

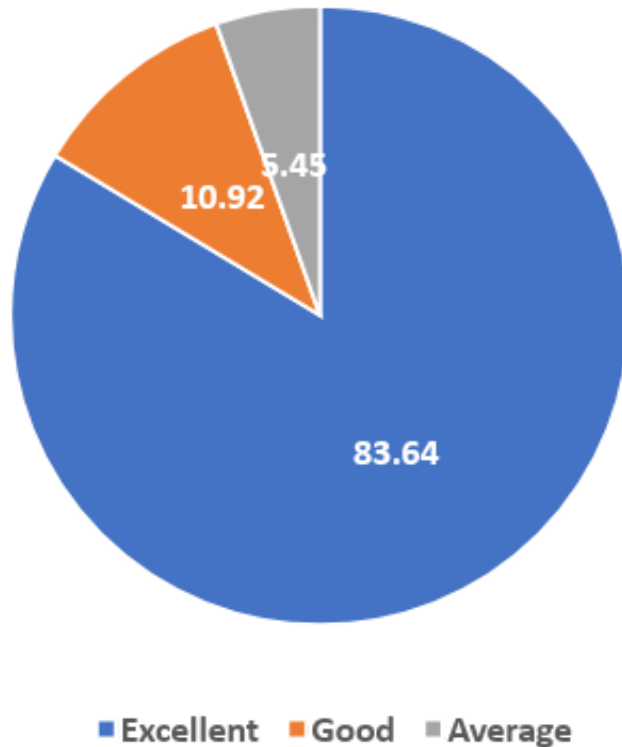
Dist(KKR)	Green 2021	Green 2023	Orange 2021	Orange 2023	Red 2021	Red 2023
Yadgir	44	37	39	52	34	13
Raichur	73	78	63	88	60	33
Bidar	24	50	34	83	89	16
Kalburgi	81	108	108	91	54	49
Bellary	31	15	128	113	27	57
Koppal*	70	60	52	55	30	27
Total	323	348	424	482	294	195



- **Green Zone** - Infra is good and functioning well. Good cooperation from the Teachers and students. There is active school participation in ICT, Digital learning and Career guidance sessions.
- **Orange Zone** - Infra is fairly good, but dependent on direct Power supply - No UPS/Battery Backup. Number of computers is less to deal with high strength of students. In some schools Teachers and students participate actively.
- **Red Zone** – Poor infra, no power supply or UPS backup. In few schools computers have been stolen, building construction is bad or there is no Comp room and the systems are placed in HM's room. Other issues include comp lab used as storage, school attached with primary building, UPS and battery are not in working condition etc.

Impact – Improved ICT Skilling

ICT Assessment Results



- Around 14800+ students of all seven districts covering 298 schools (28% of a total of 1025 schools under TALP) were assessed, beyond what was planned and this is the first such assessment on ICT in the entire state.
- Tools covered under the assessments (TuxMath, TuxPaint, GCompris, MyPaint, EduActiv8).
- **Excellent** – 83.64% of students (12387) able attempt and solve all the questions.(Score range 61-100)
- **Good** – 10.92% of students (1618) able to attempt all questions. (Score range 41-60)
- **Average**- 5.45% of students (805) able to attempt 50% of questions. (Score range 21-40)
- The Analysis report has been submitted to DELL and to the Addl. Commissioner of KKR

Digital content usage and ICT in Classrooms

- ❖ **Digital content:**
 - o 380+ chapters (Math , Science and Social Science) were upgraded content.
 - o Teachers using Digital content in Smart Class –(3 to 6 classes in week for all 3 subjects – Math, Science & Social Science)-
 - o 60% of teachers using the (Science, Social – 60% and Math- 40% content)

Students are getting 2 periods in a week for ICT Classes



Behavioral Changes observed :

- Schools are allotted 2 periods per week for ICT sessions.
- 50% of teachers are using the subject based tools in classroom.
- Green schools are on self learning and exploring mode.

In 2022 - June to 2023 Feb
Tools Completed – 6

In 2023 – June to Nov
Tools completed – 8

Completed Tools List

Ubuntu Interface
Tux Math
Tux Paint
eduActiv8
Gcompris
My Piant
Khangman
Libre Office Writer
Stellarium

Open Issues

- With frequent power disruption, UPS stability is critical. Over 50% schools not having UPS or if available not in working condition. Dist. wise contact numbers have been provided. Still problem persists.
- Accessories such as keyboard, mouse, adapters require repair/replacement
- A couple of very interior villages facing power connection/supply problem
- Some schools have high strength (Above 500/600!) and with only 10 systems provided under TALP/KKRDB access to ICT is a challenge!
- No chairs available for students in the computer classes in a few schools
- No head phones available and with 2-3 students sharing the 10-20 systems there is lot of disturbances in the class
- Few schools Comp Lab is also used as storage or in HM's room or under repair.
- In a few schools all systems have been stolen!

Plan for the Year 2024-25

- Planning to add Couple of districts in Karnataka .
- Teacher capacity building
- Infra assessment and fixing continues
- ICT tools assessment continues
- Providing head phone to schools in a phased approach
- Collaboration with CSR –partners.

Media Coverage of the Gram Panchayat Librarians Trainings



Sl.No.	District	No.of GPL
1	Ballari	92
2	Bidar	180
3	Kalaburagi	220
4	Koppal	134
5	Raichur	166
6	Vijayanagar	133
7	Yadagiri	120
	Total	1045



Career Guidance
Training for Gram
Panchayat Librarians
covered in the local
Media/Press



ಸೇಡಂ ಪಟ್ಟಣದ ತಾಪಂ ಸಭಾಂಗಣದಲ್ಲಿ ಗ್ರಾಮ ಪಂಚಾಯತ ಗ್ರಂಥಾಲಯ ಹಾಗೂ ಮಾಹಿತಿ ಕೇಂದ್ರದ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಒಂದು ದಿನದ ತರಬೇತಿ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ತಾ.ಪಂ. ಇ.ಟಿ. ವಿಜಯಕುಮಾರ ಮಾತನಾಡಿದರು.

ಗ್ರಾಮ ಮಟ್ಟದಲ್ಲಿ ತರಬೇತಿ ಅವಶ್ಯ

ಸಂ.ಕ.ಸಮಾಚಾರ ಸೇಡಂ: ಪ್ರತಿಯೊಬ್ಬ ಯುವಕ ಯುವತಿಯರು ಇಂದು ಏನು ಮಾಡಬೇಕೆಂದು ಗೊಂದಲದಲ್ಲಿ ಇರುತ್ತಾರೆ. ಅಂತಹ ಮಕ್ಕಳಿಗೆ ಮುಂದಿನ ವಿದ್ಯಾಭ್ಯಾಸ ಬಗ್ಗೆ ಸರಿಯಾದ ಮಾಹಿತಿ ಮತ್ತು ಮಾರ್ಗದರ್ಶನ ಮಾಡಿದರೆ ವಿದ್ಯಾರ್ಥಿಗಳು ಉತ್ತಮ ಭವಿಷ್ಯ ರೂಪಿಸಿಕೊಳ್ಳಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಗ್ರಾಮ ಮಟ್ಟದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತರಬೇತಿ ನೀಡುವುದು ಅಗತ್ಯವಿದೆ ಎಂದು ತಾ.ಪಂ. ಇ.ಟಿ. ವಿಜಯಕುಮಾರ ಹೇಳಿದರು.

ಪಟ್ಟಣದ ತಾ.ಪಂ. ಸಭಾಂಗಣದಲ್ಲಿ ತಾ.ಪಂ. ಕಾರ್ಯಾಲಯ, ಇಂಡಿಯಾ ಲಿಟರ್ಸಿ ಪ್ರಾಜೆಕ್ಟ್ ಬೆಂಗಳೂರ ಆಶ್ರಯದಲ್ಲಿ ಗ್ರಾಮ ಪಂಚಾಯತ ಗ್ರಂಥಾಲಯ ಹಾಗೂ ಮಾಹಿತಿ ಕೇಂದ್ರದ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಒಂದು ದಿನದ ತರಬೇತಿ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿದ ಅವರು ಮಾತನಾಡಿದರು. ಗ್ರಾಮೀಣ ಯುವಕ, ಯುವತಿಯರಿಗೆ ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ ನಂತರ ಉನ್ನತ ಶಿಕ್ಷಣವನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುವ ಬಗ್ಗೆ ಮಾಹಿತಿ ಕೊಡಲಾಗಿದೆ. ಅಂತಹವರಿಗೆ ಈ ತರಬೇತಿ ಸಹಾಯವಾಗಲಿದೆ ಎಂದು ಹೇಳಿದರು. ಇಂಡಿಯಾ ಲಿಟರ್ಸಿ ಪ್ರಾಜೆಕ್ಟ್‌ನ ಸುಧಾಕರ ಪಾಟೀಲ ಮಾತನಾಡಿ, ಇಂದಿನ ಎಸ್‌ಎಸ್‌ಎಲ್‌ಸಿ ವ್ಯಾಸಂಗ ಪೂರ್ಣಗೊಳಿಸಿದ ಮಕ್ಕಳಿಗೆ ಹಾಗೂ ಪಾಲಕರಿಗೆ ಮುಂದೆ ಏನು ಏನು ಪ್ರಶ್ನೆ ಕಾಡುತ್ತಿರುತ್ತದೆ. ಅಂತಹ ಮಕ್ಕಳಿಗೆ ಗ್ರಾಮ ಪಂಚಾಯತ ಗ್ರಂಥಾಲಯದಲ್ಲಿ ಮೂರು ಪುಸ್ತಕ ಹಾಗೂ ಮಾಹಿತಿ ಬ್ಯಾನರ್ ಇರುತ್ತದೆ. ಈ ಬಗ್ಗೆ ಗ್ರಂಥಾಲಯ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ತರಬೇತಿ ನೀಡಲಾಗಿದೆ. ಗ್ರಾಮೀಣ ಮಕ್ಕಳು ಇದರ ಉಪಯೋಗ ಪಡೆದುಕೊಳ್ಳಬೇಕು ಎಂದರು. ಶಿಕ್ಷಣ ಪೌಂಡೇಶನ್ ಹಾಗೂ ಡಿ.ಜಿ.ವಿಕಾಸನ್ ಸಂಚಾಲಕ ಸಿದ್ದಯ್ಯ ಸ್ವಾಮಿ ಮಾತನಾಡಿ, ಗ್ರಾಮ ಮಟ್ಟದಲ್ಲಿ ಶಿಕ್ಷಣ ವಾರ್ತೆಗಳನ್ನು ಪಾಠ ಹೇಳಲು ಹಾಗೂ ಯಾಂತ್ರಿಕ ಮುಖಾಂತರ ಎಲ್ಲ ವ್ಯವಸ್ಥೆ ಒದಗಿಸಲಾಗಿದೆ ಎಂದರು. ತಾಪಂ ಸಂಪನ್ಮೂಲ ಅಧಿಕಾರಿ ರವಿಕುಮಾರ ರೆಡ್ಡಿ ವೇದಿಕೆಯಲ್ಲಿದ್ದರು. ತರಬೇತಿಯಲ್ಲಿ ಪಾಲ್ಗೊಂಡ ಎಲ್ಲ ಗ್ರಾಮ ಪಂಚಾಯತ ಮೇಲ್ವಿಚಾರಕರಿಗೆ ಕಿಟ್ ವಿತರಿಸಲಾಯಿತು. ದೂಪಾ ನಿರೂಪಿಸಿ ವಂದಿಸಿದರು.