

## Project 01

### Learning Achievement | SDG 04: Quality Education

TN-LSDG theme: Child friendly village

#### Phase 01- Orientation

Dr.N. Lakshmanan, Clinical Psychologist and Founder-Director, Cognito Academy, Coimbatore was invited to give an orientation on the project and assessing the school children to identify slow learners / learning disability. The session was held on 23<sup>rd</sup> January 2025 from 2 PM to 4 PM at KCLAS to the students in the group project on Learning Achievement. The following are the objectives set to achieve after the orientation programme.

#### Objectives

- Identify and address learning gaps in basic subjects (Tamil, English and Math)
- Enhance learning through interactive and engaging activities.
- Improve reading fluency and comprehension via poetry recitation.
- Expand vocabulary and sentence formation using word rearrangement.
- Boost listening and comprehension through interactive exercises.
- Encourage confidence and participation in language-based tasks.
- Strengthen word identification and expression through acting.
- Reinforce arithmetic operations with interactive games.
- Improve number recognition (odd/even classification).
- Strengthen multiplication and division skills through engaging methods.

#### Phase 02- Needs Assessment in Schools

To identify the students with slow learning problem/ learning disability, need assessment was carried out in the project locality on 24<sup>th</sup> January 2025. In total 124 school students were reached to conduct the assessment in 3 schools in the project area. Assessment worksheets were provided to school students and later the results were analyzed. Major finding reported that 180 students were identified as slow learners and needed intervention for improvement in subjects like Tamil, English and Math.

#### Project Locality

- Corporation Middle School, Chinnavedampatti
- PUPS [Primary School] Anjugam Nagar
- Corporation Middle School, Ramakrishnapuram

## Phase 03- Intervention

The following are the activities conducted to slow learners as part of the intervention plan in schools.

Date	Major Activities carried out
10/02/2025	<b>ENGLISH</b> <ol style="list-style-type: none"> <li><b>Basic Spelling Practice</b> – Teaching 2-letter and 3-letter words to build foundational literacy skills.</li> <li><b>Self-Introduction Activities</b> – Encouraging students to speak about their hobbies, favourite things, and interests to build confidence in communication.</li> <li><b>Fill-in-the-Blanks Exercises</b> – Enhancing vocabulary, grammar, and sentence structure through guided practice.</li> <li><b>Poetry Recitation</b> – Improving reading fluency, pronunciation, through rhythmic learning.</li> <li><b>Word Rearrangement Activities</b> – Strengthening vocabulary, word recognition, and sentence formation skills by organizing words in meaningful contexts.</li> </ol>
12/02/2025	<b>TAMIL</b> <ol style="list-style-type: none"> <li>Reading Exercises for Fluency (வாசிப்பு பயிற்சி)</li> <li>Storytelling with Objects</li> <li>Tricks to Remember Tamil Letters டிபிரெமுத்ஃக்களுக்கு சிறு பாடல்கள்).</li> <li>Focused Language Skill Development Fill in the Blanks (குற்றந்த வாெத்தறதகறள நிெப்புதஃngular &amp; Plural ஃருறை , பன்றை) through Games</li> <li>Flashcards, Sorting Game (வறகப்படுத்ஃதல்), Vowels (குறில், ரறடில்) Learning Activity</li> </ol>
13/02/2025	<b>MATHS</b> <ol style="list-style-type: none"> <li><b>Basic Operations with Practical Methods:</b> <b>Addition &amp; Subtraction:</b> Using objects, finger counting, number lines. ( Daily Life Examples: Shopping, budgeting, cooking measurements)</li> <li><b>Multiplication:</b> Repeated addition, grouping of students.</li> <li><b>Division:</b> Equal sharing, grouping, real-life examples (e.g., distributing chocolates).</li> <li><b>Simple Sums with Motivational Rewards:</b> Stars for correct answers to encourage learning.</li> </ol>

## The impact | Learning Achievement

- Poetry Recitation & Word Rearrangement: 93 students improved reading fluency & vocabulary.
- Tamil Language Learning (Singular-Plural, Vowels, Tongue Twisters, and Number Songs): 148 students enhanced language comprehension.
- Mathematics Activities Impact: Math Bingo & Arithmetic Games: 70 students improved calculation speed and problem-solving skills.
- Division & Multiplication : 83 students showed better understanding after group challenges.
- Student Engagement Level: 90% of students actively participated in the sessions.
- Overall Learning Retention: 80% of students were able to recall concepts in follow-up activities.



- Curriculum Integration – Embedding activities into regular school lessons.
- Teacher Training – Equipping educators for long-term implementation.
- Peer Learning – Encouraging students to teach and support each other.
- Reusable Resources – Providing worksheets, flashcards, and digital tools.
- Continuous Assessment – Tracking progress and refining methods.
- Institutional Partnerships – Collaborating with schools and organizations.