

GREETINGS

FROM

EDC dot-EDU T4 PROJECT TEAM

INDIA

A group of school children in white uniforms are sitting on the floor in a circle, engaged in an activity. Some are looking at a book or paper, while others are looking towards the center. The background is a plain wall.

EDUCATION DEVELOPMENT CENTER (EDC)

We at EDC, are committed to education that builds knowledge and skills , makes possible a deeper understanding of the world, and engages learners as active, problem solving participants.

-Janet Whitla, former EDC president

EDUCATION DEVELOPMENT CENTER (EDC)

- **is a non-profit NGO established in 1958 at Washington.**
- **manages more than 300 projects in Education & Health in 50 countries**
- **Pioneer in building bridges between research, policy and practice for the last 4 decades.**
- **India office started in 2002 at Bangalore. At present EDC manages dot-EDU T4 project supported by USAID**
- **at present EDC has state offices in M.P, CG, Karnataka & Jharkhand.**

www.edc.org

www.ies.edc.org/T4India

A group of young school children in white uniforms are gathered around a desk. In the center, a vintage cassette player is placed on the desk. The children are looking at the device with interest. The background is slightly blurred, showing more children and a classroom setting.

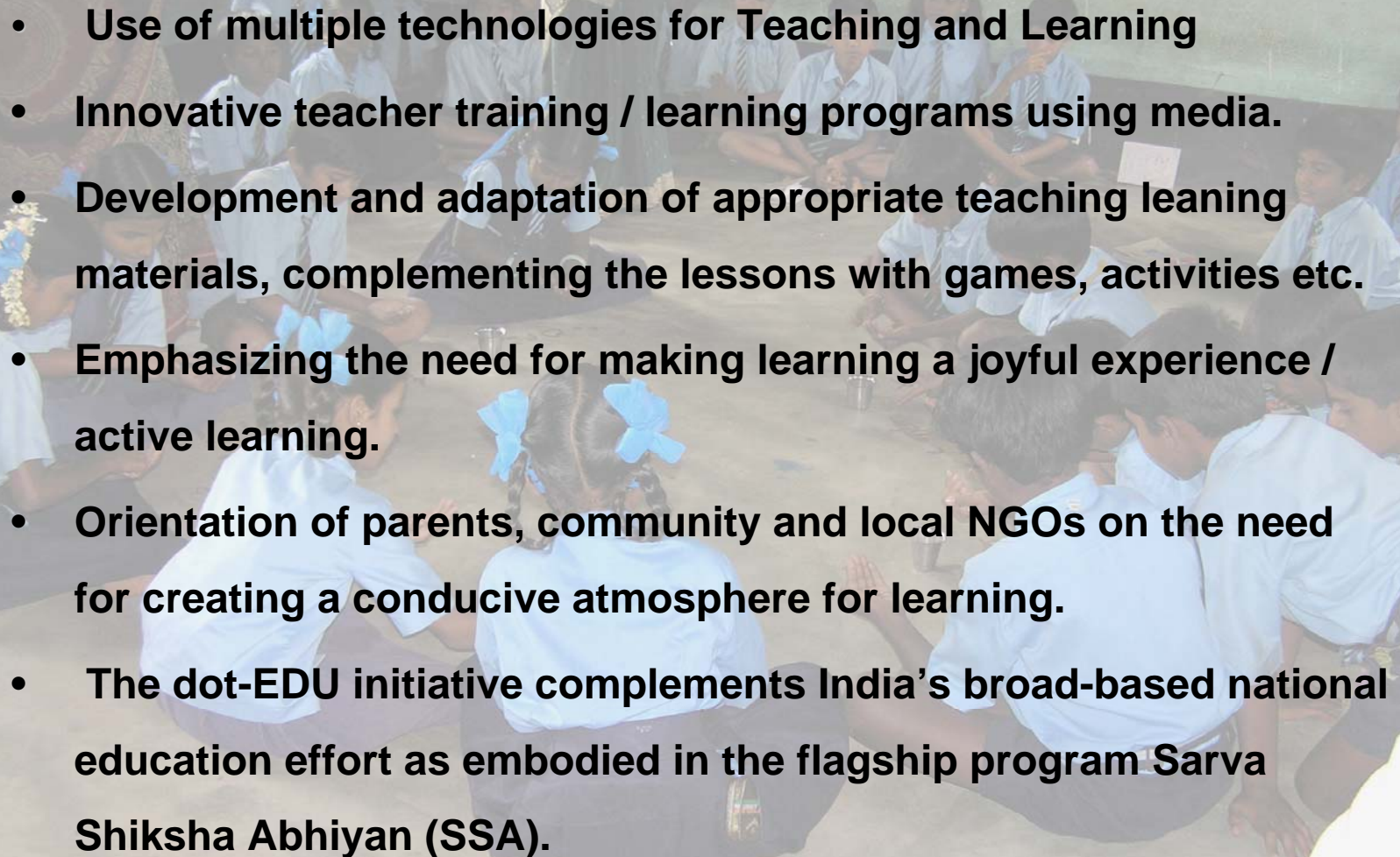
Dot-EDU T4 project- India

Technology Tools for Teaching and Training - (T4)

The goal of the T4 project is to improve the quality of education at the elementary level by :

- Using innovative pedagogy-based and technology-based tools in the classroom**
- Fostering state-level systems that sustain the use of the tools**

Features of T4 project interventions

- **Use of multiple technologies for Teaching and Learning**
 - **Innovative teacher training / learning programs using media.**
 - **Development and adaptation of appropriate teaching learning materials, complementing the lessons with games, activities etc.**
 - **Emphasizing the need for making learning a joyful experience / active learning.**
 - **Orientation of parents, community and local NGOs on the need for creating a conducive atmosphere for learning.**
 - **The dot-EDU initiative complements India's broad-based national education effort as embodied in the flagship program Sarva Shiksha Abhiyan (SSA).**
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- A group of school children, mostly boys in white shirts and dark trousers, are sitting on the floor in a circle. They appear to be engaged in an activity, possibly a game or a discussion. The background is slightly blurred, showing more children and a classroom setting.

Quality components in T4 Project - India

School-Community- Local Administration-NGO
Partnership



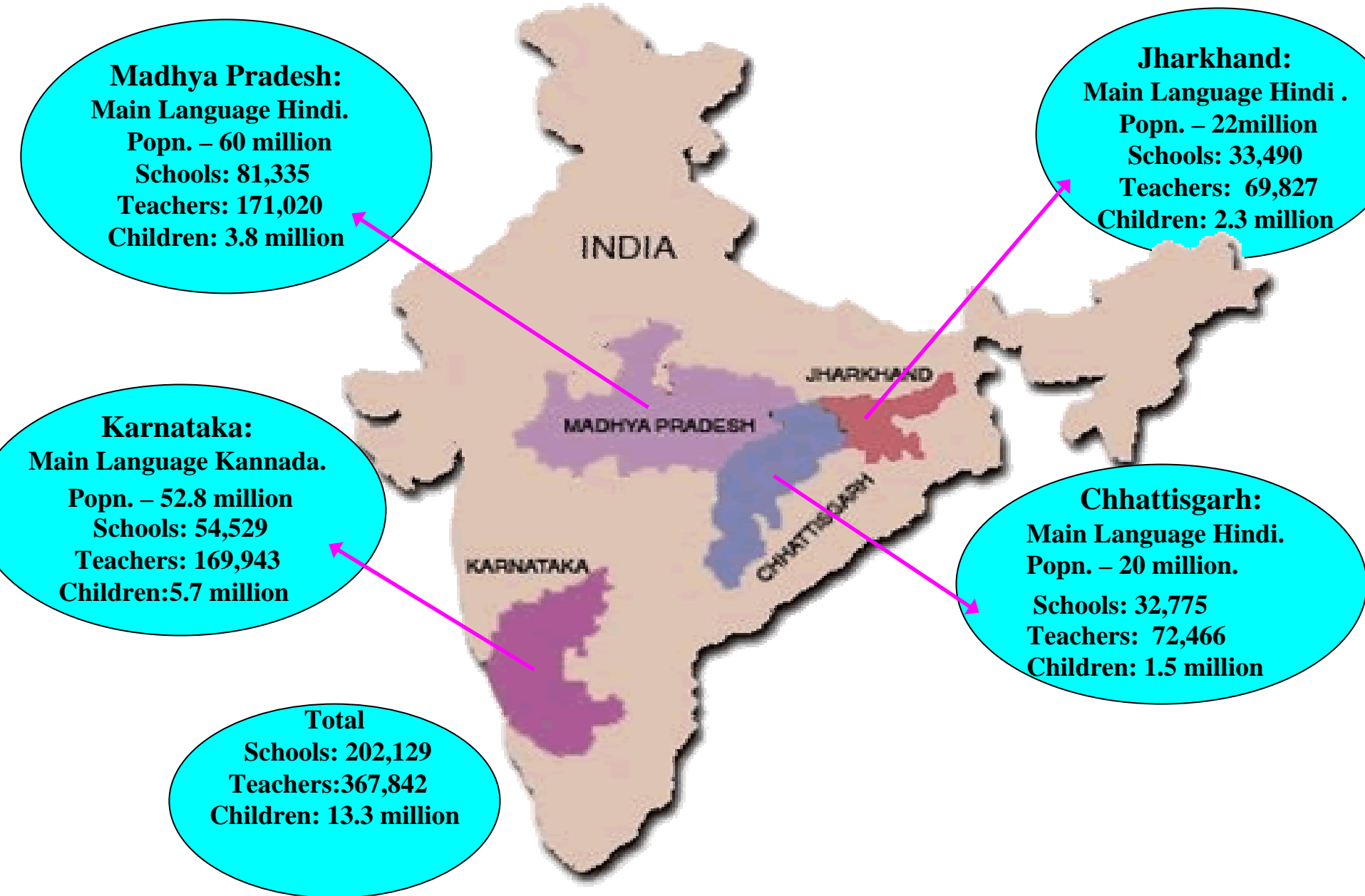
Quality learning Environment

Learner

Teacher

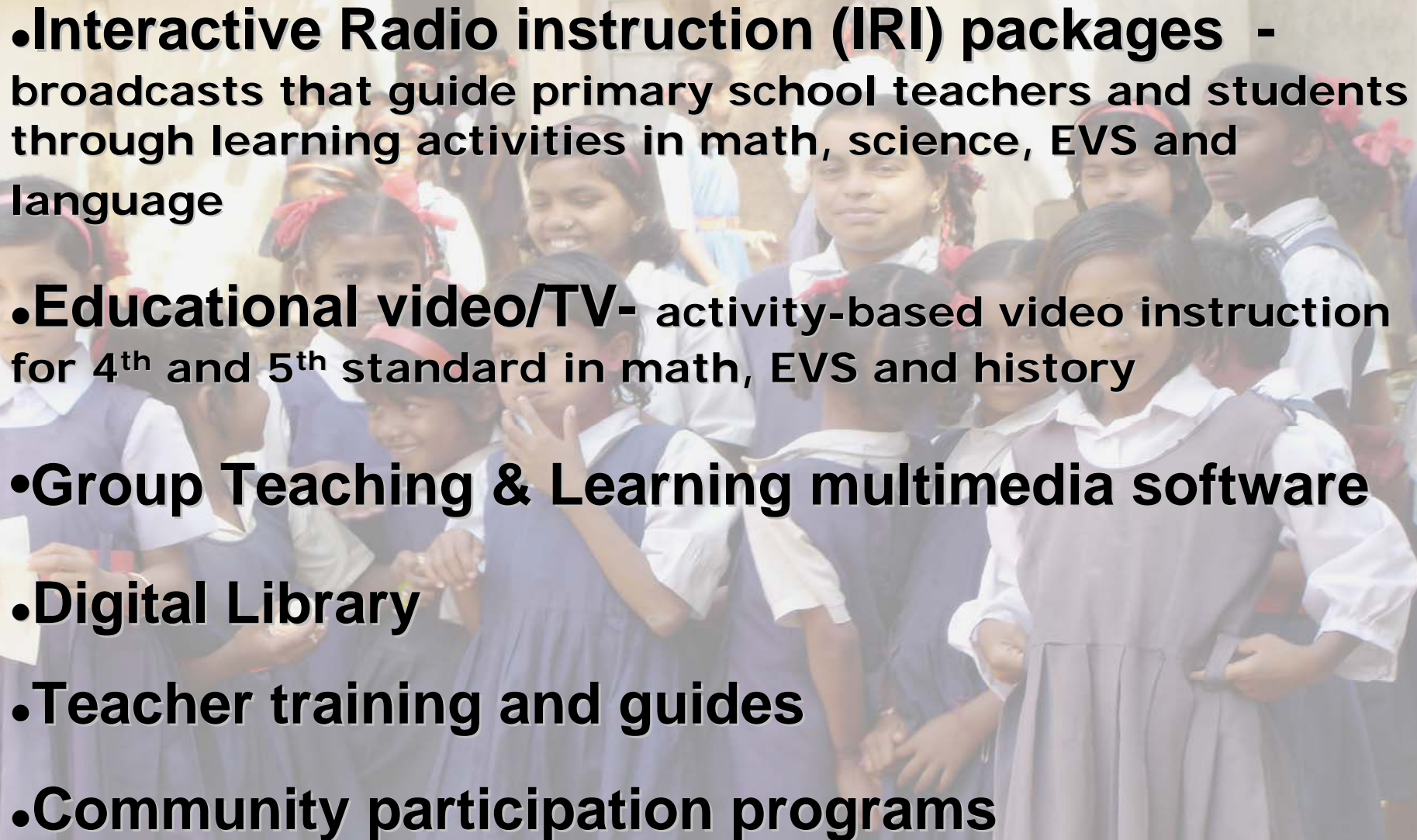
T4 PROJECT INDIA :

OPERATIONAL AREA & COVERAGE



INTERVENTIONS IN PHASE-I

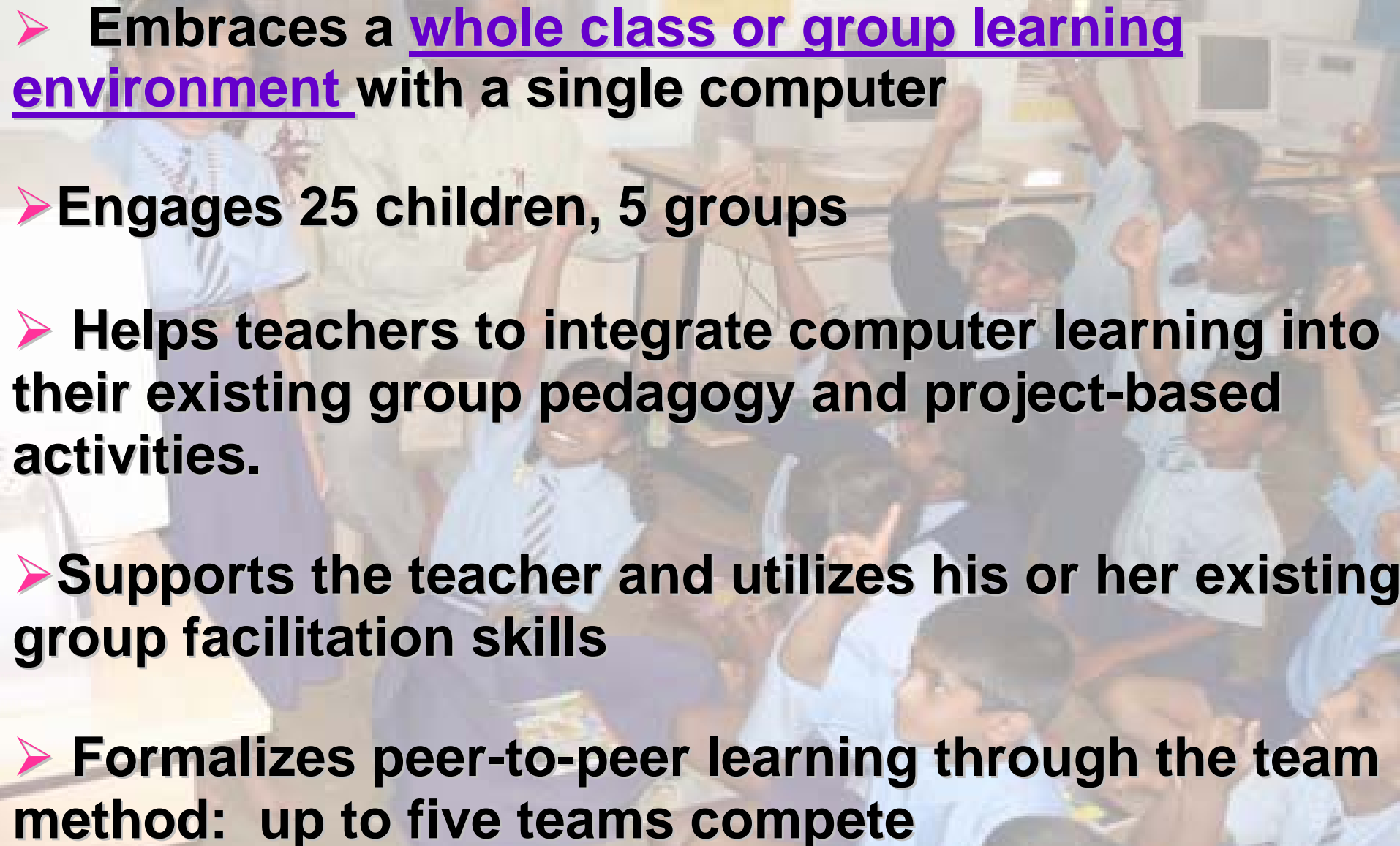
(2002-07)

- **Interactive Radio instruction (IRI) packages** - broadcasts that guide primary school teachers and students through learning activities in math, science, EVS and language
 - **Educational video/TV-** activity-based video instruction for 4th and 5th standard in math, EVS and history
 - **Group Teaching & Learning multimedia software**
 - **Digital Library**
 - **Teacher training and guides**
 - **Community participation programs**
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Educational Video Programs

- Learning by seeing and doing approach
- **Demonstration of activity-based, student-centered learning**
- **Experimented with three styles – documentary, scripted and dramatized styles**
- **Use of locally available materials/games**
- **Telecast on EDUSAT by the state government**

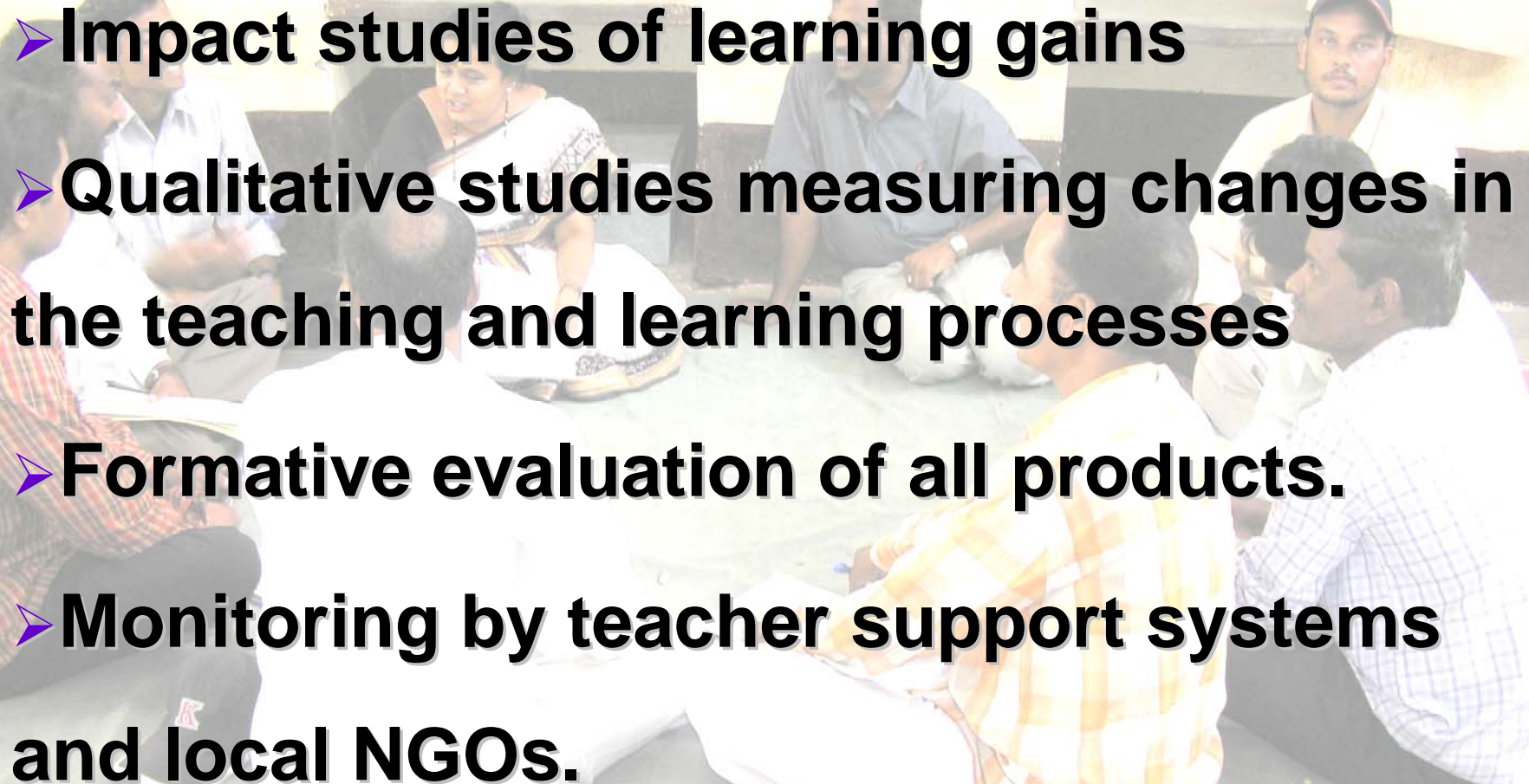
GROUP TEACHING & LEARNING (GTL) MULTIMEDIA SOFTWARE

- Embraces a whole class or group learning environment with a single computer
 - Engages 25 children, 5 groups
 - Helps teachers to integrate computer learning into their existing group pedagogy and project-based activities.
 - Supports the teacher and utilizes his or her existing group facilitation skills
 - Formalizes peer-to-peer learning through the team method: up to five teams compete
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Digital Library

- A searchable repository of educational content from T4 project and educational agencies
- Flexibility to use content to fit local contexts
- Makes use of existing infrastructure and educational governance system
- Social Science, Math, Science & language content for classes I to 10 in Kannada, Hindi and English
- Pilot tests are being carried out in Karnataka & Chhattisgarh
- URL- <http://edudl.nic.in>

Monitoring and Evaluation

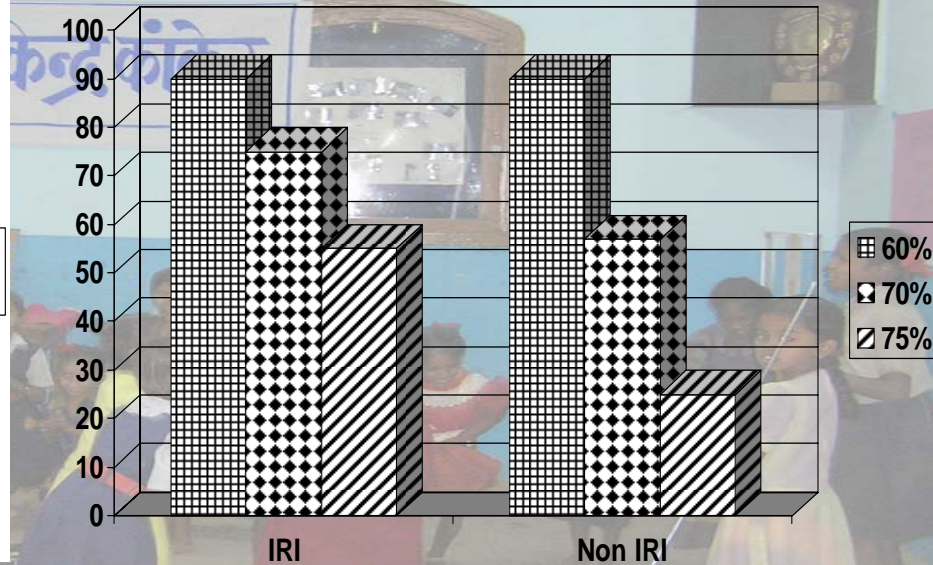
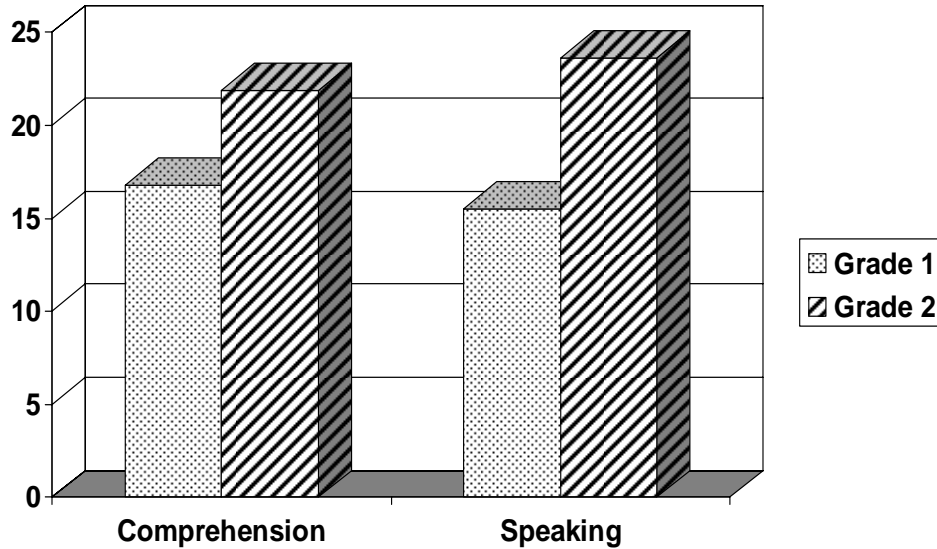
- **Impact studies of learning gains**
 - **Qualitative studies measuring changes in the teaching and learning processes**
 - **Formative evaluation of all products.**
 - **Monitoring by teacher support systems and local NGOs.**
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- A group of approximately ten people, including men and women, are sitting on the floor in a circle, engaged in a discussion or meeting. They are dressed in casual to semi-formal attire. The setting appears to be an indoor space, possibly a classroom or a community center, with a whiteboard or poster visible in the background. The overall atmosphere is collaborative and focused.

IRI- RESULTS

Chhattisgarh

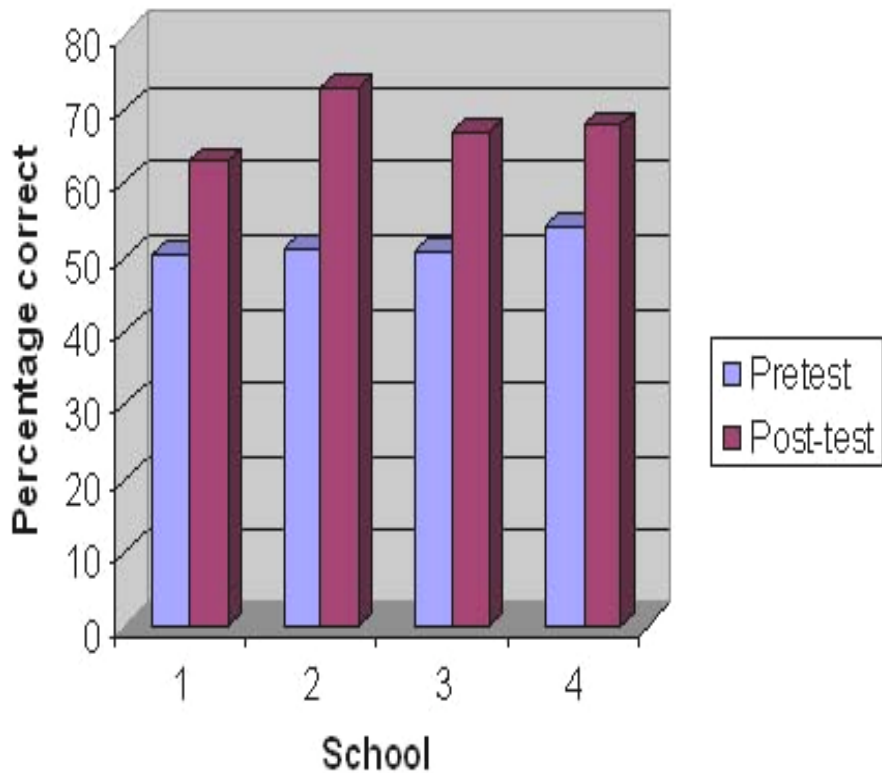
Comprehension and Speaking Pretest to Posttest
Percent Correct Gain as a Function of Student Grade
Using July 2004 Data as Pretest

Percent of IRI and Non IRI Classrooms Attaining Standard
of 60%, 70% and 75% of Possible Checklist Ratings



GROUP TEACHING & LEARNING (GTL) MULTIMEDIA SOFTWARE

Average Pretest and Post-test Scores



- Significant learning gains were achieved in all sample schools
- Overall average gain: 16%
- Highest average gain: 22% (School #2)

Exit

dot-EDU
DOTCOM ALLIANCE



USAID
FROM THE AMERICAN PEOPLE

Next

Challenges

➤ Collaboration with State Governments.

(Frequent transfer of Officials, Policies of various state governments, political instability etc)

➤ infrastructure – electricity, maintenance of radios, computers etc. in remote rural / tribal areas. Facilities in Education Guarantee Scheme (EGS) centers

➤ Training of teachers on time

➤ Vast programme area

➤ Broadcast quality in remote areas



Way ahead....

T4 project Phase-II (2006-11)

1: Technology mediated programs for content & delivery

2: Professional development of teachers and academic supervisors.

3: Enhance VEC/SDMC engagement in primary education

4: Policy initiatives for ICT in education. advocacy, partnership / alliances

A large group of school children, both boys and girls, are standing in rows outdoors. They are wearing school uniforms, including white shirts and dark blue or purple dresses or skirts. The children are looking in various directions, some towards the camera. The background is slightly blurred, suggesting an outdoor setting like a schoolyard or a public square.

Thank you and...

" all the best for MDG campaign ."