

# CLIX Newsletter

CONNECTED LEARNING INITIATIVE

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An initiative seeded by

**TATA TRUSTS**



Led by



## Voices from the Field

*Sunita Wadhvani,  
English Teacher,  
Government Higher Secondary School,  
Sambalpur, Dhamtari*



Implementing CLIX modules is a new experience. Teachers learn integrating technology into education, children come to the ICT Lab with a different passion, without hesitation & work in collaboration. They use ICT tools (inkscape) to draw with their imagination. Teacher's role has changed from instructor to facilitator. Students are not afraid of making errors. New things can be learnt from errors, says their teacher. Exploration of CLIX module takes them into a different world of learning. While navigating different features, students enhance their listening and speaking skills. Story Time provides them exposure to rich meaningful language. CLIX Time enables them to achieve communicative competence. Navigating "Let's Talk" students get a chance to speak record and playback. Navigating OST enables them to create stories using art & voice. CLIX implementation has made the teaching learning process easier & interesting. Critical thinking develops by making, seeking and sharing knowledge.



Current Status of  
**CHHATTISGARH**



SCHOOLS  
47



TEACHERS  
139



STUDENTS  
4680

*योगेश सारस्वत,  
वरिष्ठ अध्यापक (अंग्रेजी),  
राजकीय उच्च माध्यमिक विद्यालय,  
जोगापुरा पुराना*



मेरी इस विद्यालय में पोस्टिंग गत सत्र के अंतिम महीनों में हुई थी। मैं अंग्रेजी विषय का शिक्षक हूँ तथा इसी सत्र में क्लिक्स प्रशिक्षण लिया है, जिसमें मोड्यूल के बारे में प्रैक्टिकल सीखने को मिला। मैंने अंग्रेजी विषय के रोल आउट 8वीं तथा 9वीं दोनों कक्षाओं के विद्यार्थियों के साथ करवाये हैं। विद्यार्थी बहुत रुचि के साथ कंप्यूटर पर कार्य करते हैं। कुछ ही समय के अभ्यास से आई.डी. एवं पासवर्ड से लॉग-इन करते हुए मोड्यूल में जाना और डिजिटल गतिविधियाँ स्वयं कर लेते हैं। मेरा मानना है कि क्लिक्स मोड्यूल से ऑडियो-विडिओ माध्यम मिलता है जिससे विषय को आसानी से सीखा जा सकता है। मैंने अपने विषय के अलावा विज्ञान तथा गणित के रोल आउट भी विद्यार्थियों को कराए हैं। विज्ञान शिक्षक की पोस्ट पहले खाली थी, लेकिन शिक्षक भी आ गये हैं। जब कभी मैं विद्यालय के अन्य कार्यों में व्यस्त होता हूँ तो विद्यालय में पंचायत सहायक आई.सी.टी. लैब में क्लिक्स रोल आउट कराते हैं। वर्तमान में विद्यार्थियों को सप्ताह में एक से दो बार कंप्यूटर लैब में क्लिक्स के माध्यम से विभिन्न विषयों को पढ़ाया जा रहा है।



सरकार  
Government of Rajasthan

Current Status of  
**RAJASTHAN**



SCHOOLS  
101



TEACHERS  
248



STUDENT  
13,277

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Ms. Esther,  
Teacher,  
Government High School Durtlang,  
Mizoram



After the CLix LO study, I realised and could very well see how every student is eager to speak fluently in English. They brought back whatever they learnt during the CLix lab sessions into the normal classroom. Our usual class with just the text books is not enough to bring out all the skills. A teacher really has to put an effort, or keep oneself constantly updated to bring out the best in every student.

We have allotted 90 minutes per week for the CLix classroom sessions. When we need more time, we sometimes stay late after school to complete our modules. There are so many occasions when other subjects' teachers accommodate the CLix sessions in their time table.

After the LO Study, other subjects' teachers found that the class selected for LO Study are a bit more advanced in their subjects as compared to the students of normal classes.

After a few CLix classes, the students started opening up and they have now started to speak more in English. We teachers have observed them interacting with each other in English even during their lunch breaks and this is such a satisfaction to all of us. They all look at classroom learning from a new perspective. Now school seems more brighter and a 'cool' place to hang out with friends and learn at the same time.



Current Status of  
MIZORAM



SCHOOLS  
30



TEACHERS  
154



STUDENTS  
4400

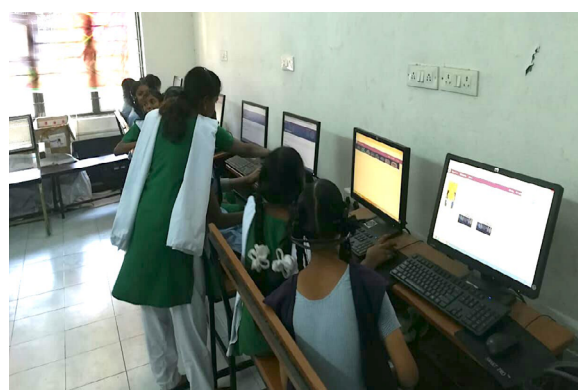
Anil Kumar,  
Teacher Educator,  
Zilla Parishad High School,  
Kukatpally



I have been associated with the CLix project after my training, since this academic year. I should compliment this team as modules are quite addictive for students and us teachers. As a Teacher Educator, I had developed interest in ICT for a long time but was not sure how to bring it to my classroom.

As a state resource person, I am attending a few trainings a month, this creates a lag in completing syllabus. CLix modules are bridging this gap for my students learning, by engaging them in an educative way. CLix modules have helped my students to overcome the fear of computers. These students who have never been exposed to computer education before are actually handling both technical issues and also academic content on their own.

This kind of self-learning is important to both teachers and students, as CLix team has trained us teachers with content and students with technical skills. I felt that teachers and students should learn from each other, which is possible because of CLix in my classroom. We would like to thank CLix for giving us this opportunity.



Current Status of  
TELANGANA



SCHOOLS  
300



TEACHERS  
1,853



STUDENTS  
10,080



### CLix at Telangana Science, Mathematics and Environment Exhibition (25.11.18-27.11.18)

On a warm Sunday morning, the much anticipated state-level science fair at the Telangana State Residential School (Girls), Ensanpally, Siddipet, began amid overwhelming fanfare. The implementation team of Connected Learning Initiative (CLix), Telangana, jumped at this opportunity to exhibit its modules.



Visitors at the stall

Over three days, more than 2,500 students and 500 teachers visited the CLix exhibit and engaged with applications such as Run Kitty Run, Element Hunter and Police-quad. Teachers felt that compared to other ICT initiatives, the CLix modules were more interactive. Headmasters, students, teachers (of public and private schools) and other visitors to our exhibit asked us to include their schools in the project as they were eager to implement CLix.



SCERT Director Ms Seshu Kumari at the CLix stall

The theme for Telangana State science Fair (2018) was 'Scientific Solutions for Challenges in Life', which covered the subthemes Agriculture and Organic Farming, Health and Cleanliness, Resource Management, Waste Management, and Transport and Communication.

[Read more](#)

### Troubleshooting- 2

#### Unresponsive Keyboard or Mouse:

The most basic peripherals of the computer are the keyboard and mouse. How can we troubleshoot if either does not work?

Following images show the ports along with the wire ends, available on the N-computing machines, and



the similar ports available on the CPU as well.

- In case the mouse or the keyboard becomes unresponsive, then one needs to - check the port connections and ensure that the respective wires are connected properly.
- If monitor displays- "no signal found" or if the screen does not display properly, then- check the VGA cable connection to the port (the blue colored cable in the image).

The local or internet connection is available to the computer through the LAN cable (the wire with the transparent head in the image), which gets connected to the LAN port . If there is any issue with communicating to other machines in the LAN or over internet- cross check whether this wire is properly connected to the computer.

**Note:** These are the most basic peripheral factors that may cause issues, but there can be other factors apart from these. In which case, one has to take the help of experts.

### CLix team—Research

#### Astronomy education: A case for blended Learning

*Sheetal Chopde, Shamin Padalkar*

This paper presents innovative blended pedagogy for teaching high school astronomy and preliminary observations on its pilot classroom trial. Astronomy is rightfully an essential component of school science.

[Read full Paper](#)

This section features recent studies in the field of education published by our CLix team who work in tandem with the Centre for Education, Innovation and Action Research (CEIAR).

## Explore CLiX

**CLiX offerings:** <https://demo-clix.tiss.edu/>

**Post Graduate Certificate in Reflective Teaching with ICT:** <https://www.tissx.tiss.edu/>

**Publications:** <https://clix.tiss.edu/research/publications/>

**Releases:** <https://clix.tiss.edu/research/releasesmodules/>

**Blogs:** <https://clix.tiss.edu/news/>

**CLiX in the Media:** <https://clix.tiss.edu/press-room/>

**Opportunities:** <https://clix.tiss.edu/opportunities/>

## Module: Ecosystem



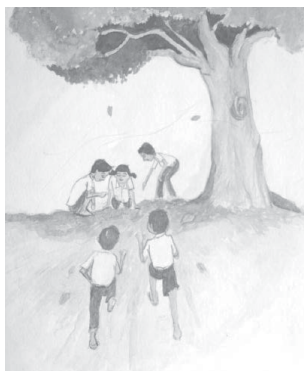
Ecosystem illustrates the connectedness between living organisms and the non-living elements of their ecosystem using a blended design of hands-on experimentation, digital simulations and videos.

**Duration-** 3 weeks/15 periods

**Grade-** 8-9

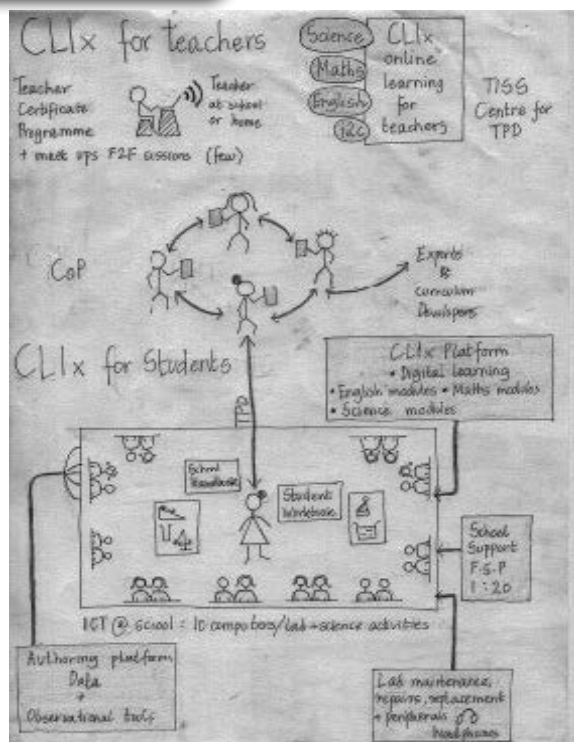
**Digital tools-** [The Fish Farm \(Star Logo Simulation\)](#)

**Developed by-** CLiX Science Team



Exploration of an ecosystem

## About CLiX



The Connected Learning Initiative (CLiX) is a technology enabled initiative at scale for high school students. The initiative was seeded by Tata Trusts, Mumbai and is led by Tata Institute of Social Sciences, Mumbai and Massachusetts Institute of Technology, Cambridge, MA USA. CLiX offers a scalable and sustainable model of open education, to meet the educational needs of students and teachers. The initiative has won UNESCO's prestigious 2017 King Hamad Bin Isa Al-Khalifa Prize, for the Use of Information and Communication Technology (ICT) in the field of Education.

CLiX incorporates thoughtful pedagogical design and leverages con-temporary technology and online capabilities. Resources for students are in the areas of Mathematics, Sciences, Communicative English and Digital Literacy, designed to be interactive, foster collaboration and integrate values and 21<sup>st</sup> century skills. These are being offered to students of government secondary schools in Chhattisgarh, Mizoram, Rajasthan and Telangana in their regional languages and also released as Open Educational Resources (OERs).

Teacher Professional Development is available through professional communities of practice and the blended Post Graduate Certificate in Reflective Teaching with ICT. Through research and collaborations, CLiX seeks to nurture a vibrant ecosystem of partnerships and innovation to improve schooling for underserved communities.

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