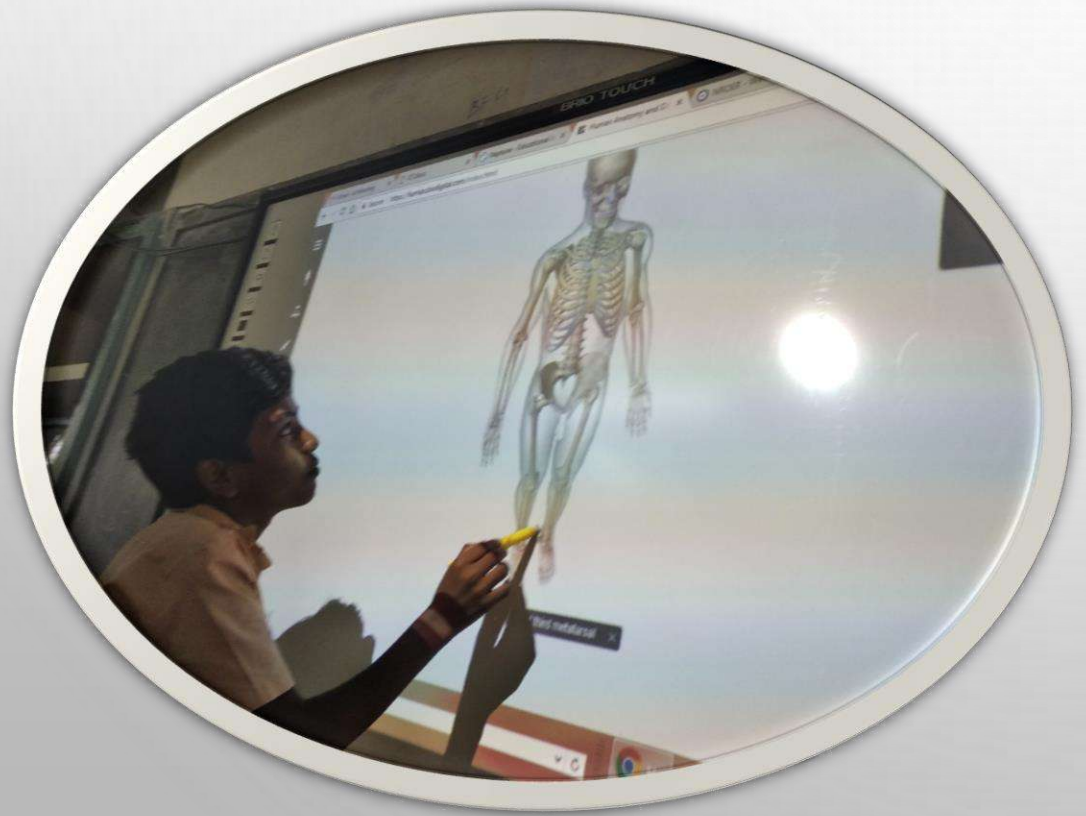
USE OF ICT IN EDUCATION



V. LAZAR RAMESH,

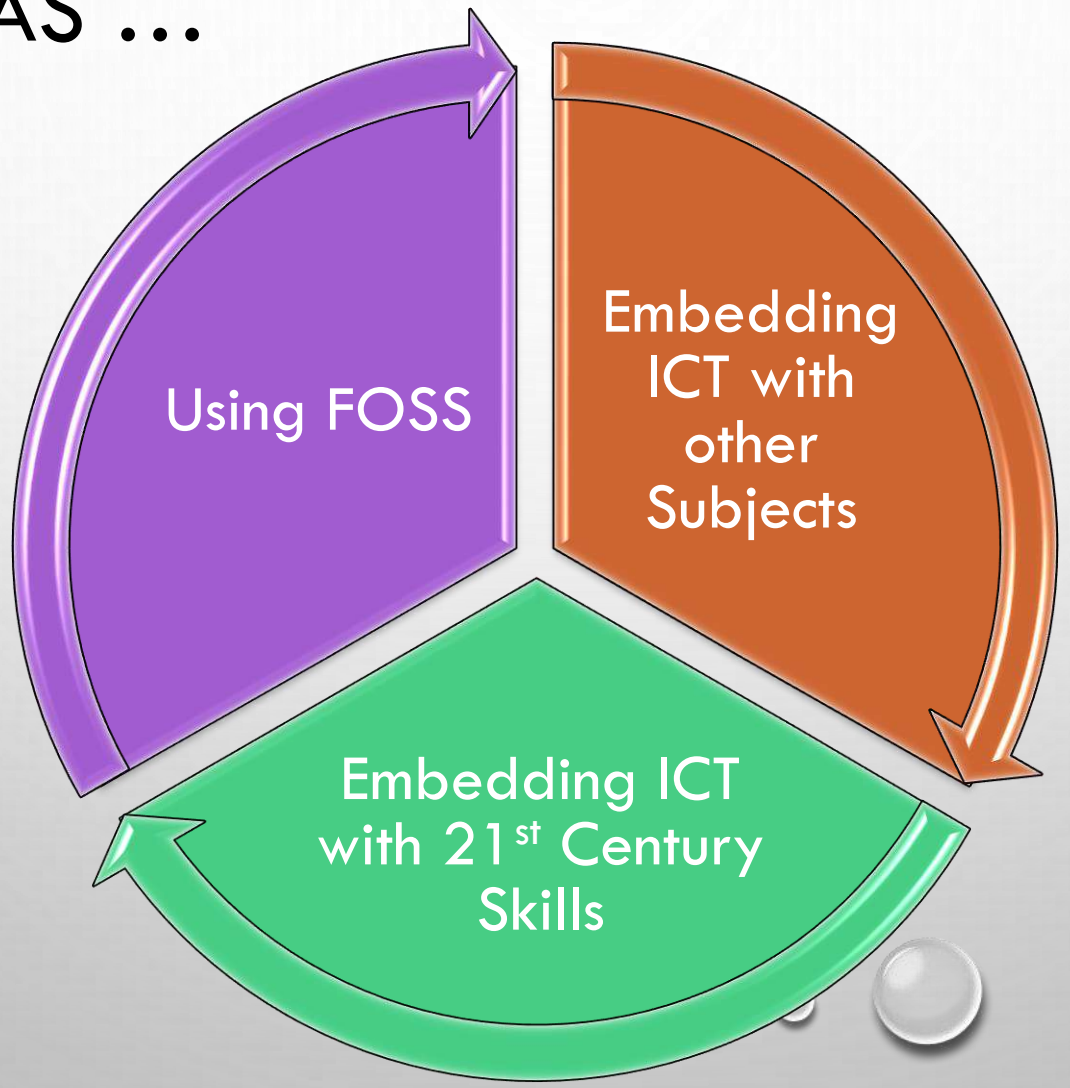
O.P.R. GHSS – OMANDHUR,

VILLUPURAM DT.,

TAMIL NADU

MY SCHOOL

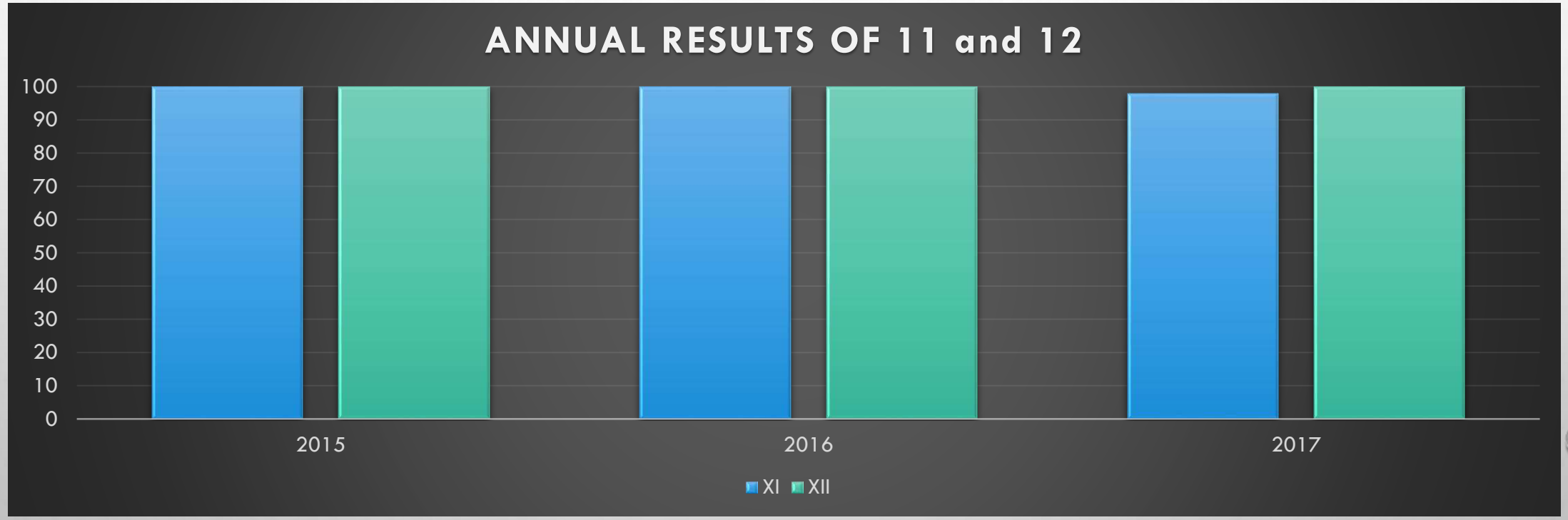
MY WORK IN USING ICT FOR EDUCATION CAN BE CLASSIFIED AS …



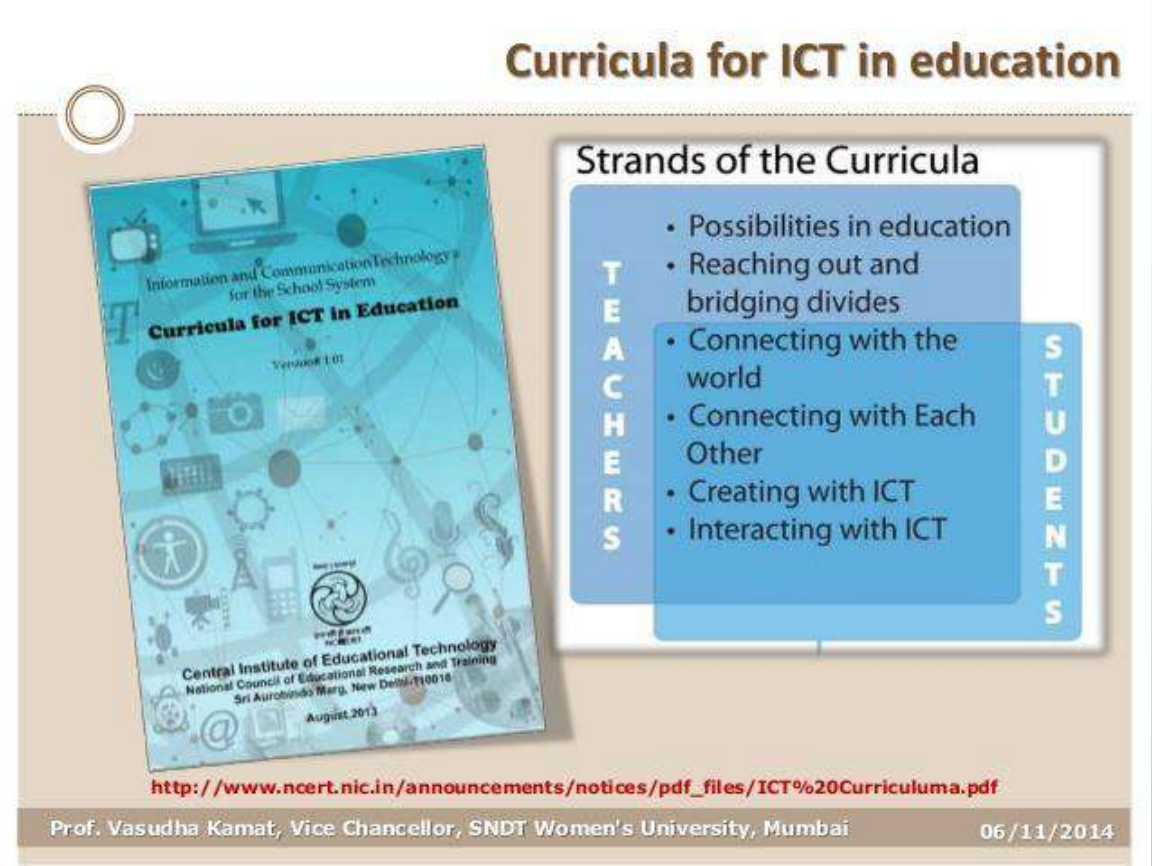
COMPUTERS THROUGH SPONSOR

In 2015, I took initiative to get 8 used Computers from INFOSYS which costs around 3 Lakhs Rupees.

I teach Computer Science as a Subject from Class 11 and 12 and produce SIGNIFICANT RESULTS



From Grade 6 to 10, as we don't have Text book, I have taught few Software based on the guidelines of NCERT ICT Curriculum



USING FOSS (FREE AND OPEN SOURCE SOFTWARE) FOR EDUCATION

Objectives at 6th Standard:

My students are

- able to identify the different parts of the Computer
- use Keyboard and Mouse fearlessly
- use the following Free Software with ease

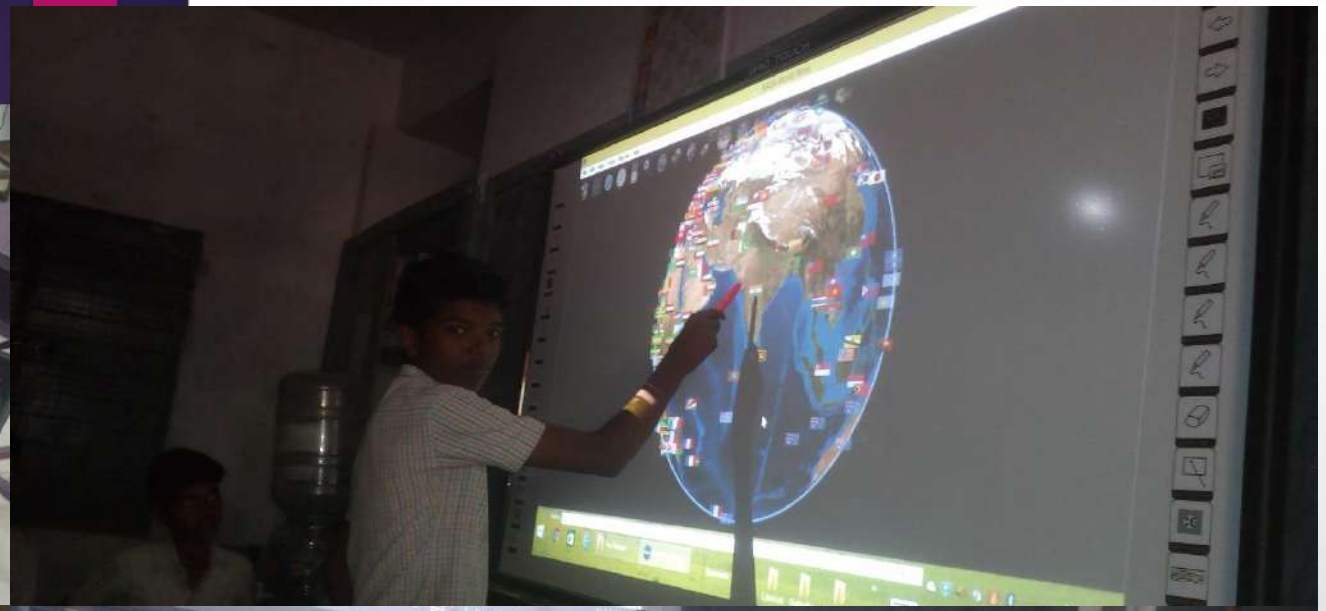
TO
COMPUTER
SCIENCE

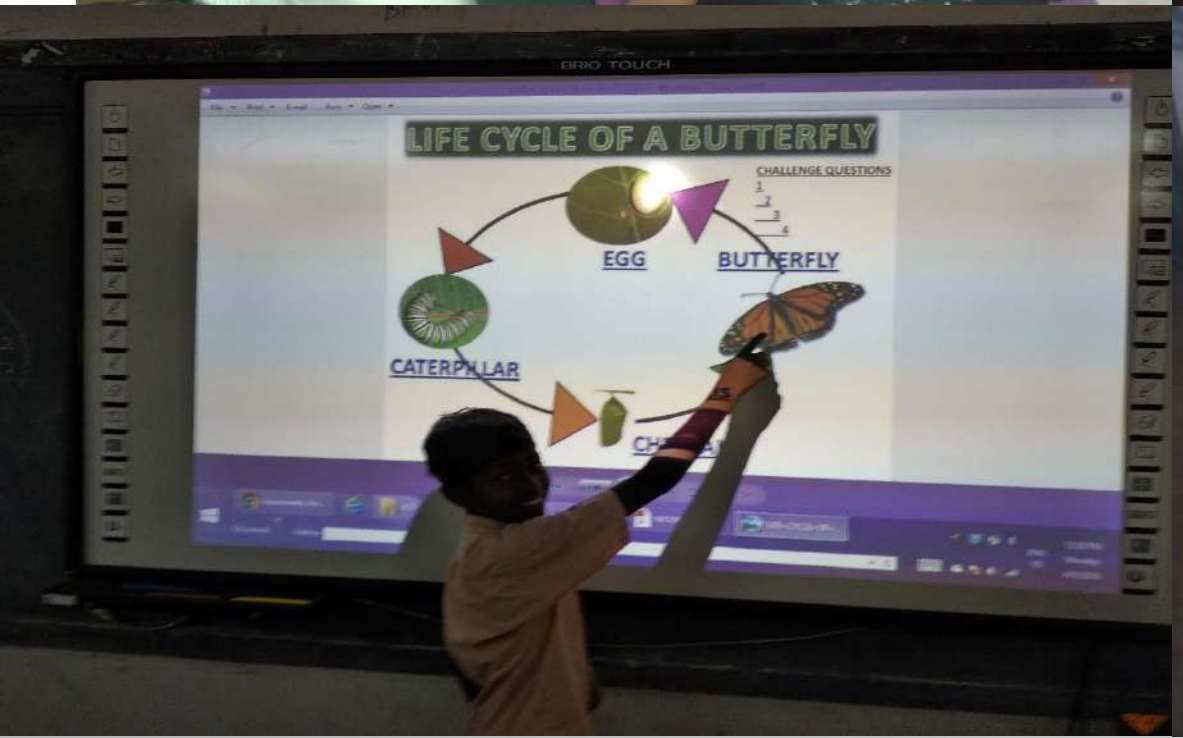
Objectives at 7th Standard:

My students are able

- To use different storage devices
- To create a Text document
- To edit Audio
- To create a Photo Story
- To use Google Earth

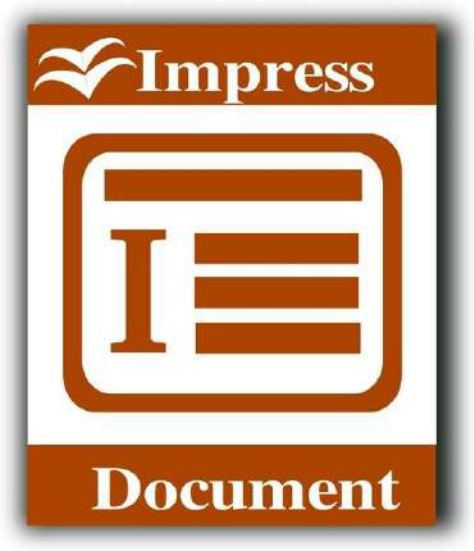
Navigating Using Google Earth!

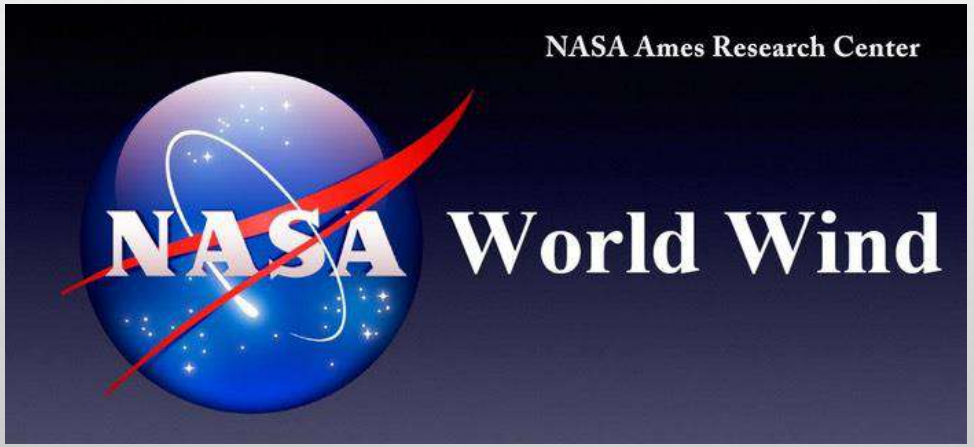




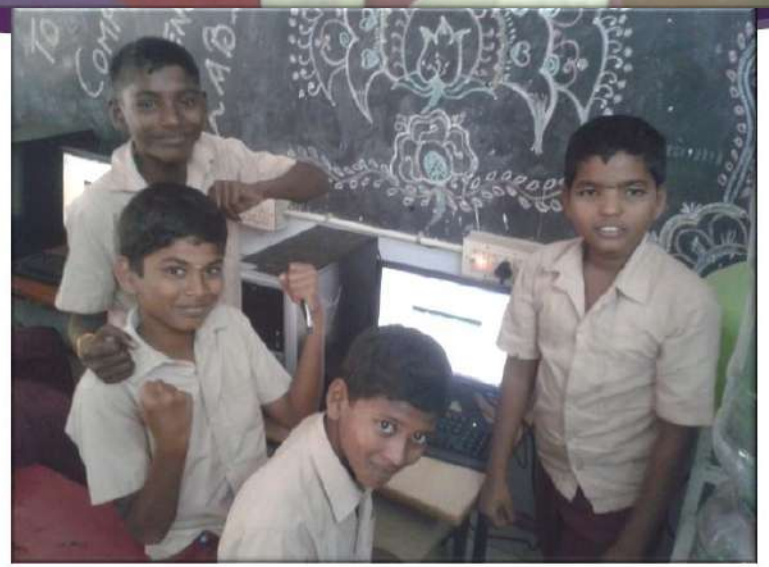
Objectives at 8th Standard

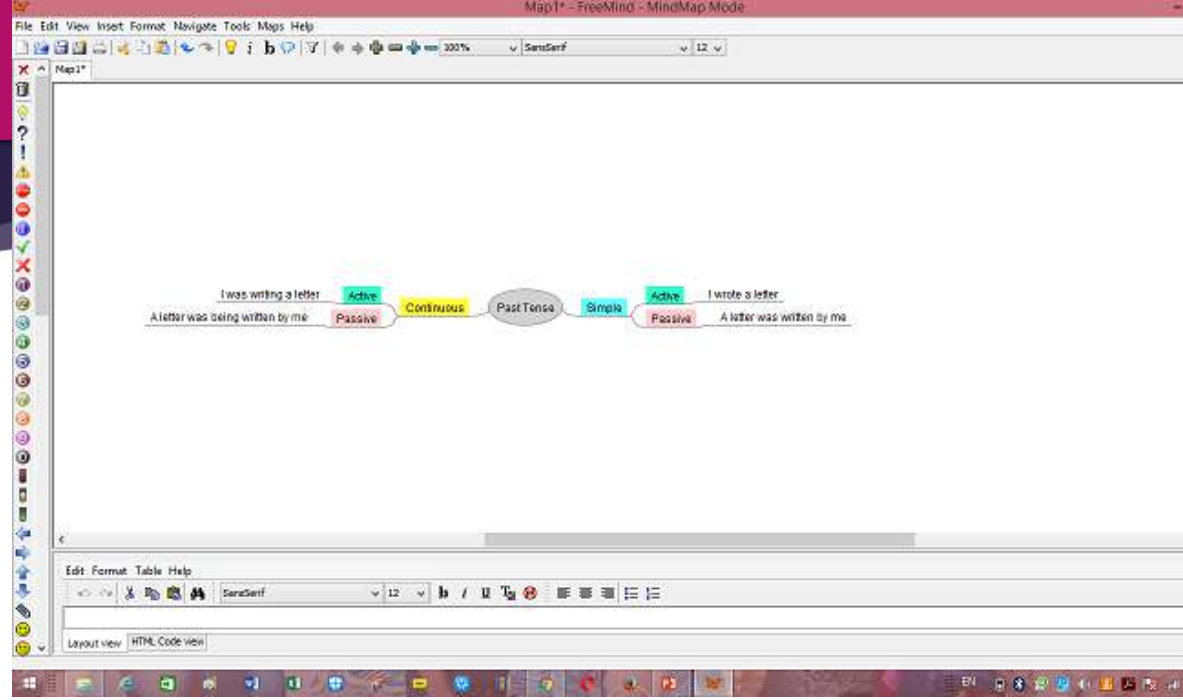
- To create Presentations
- To create Mind map
- To use Nasa World Wind





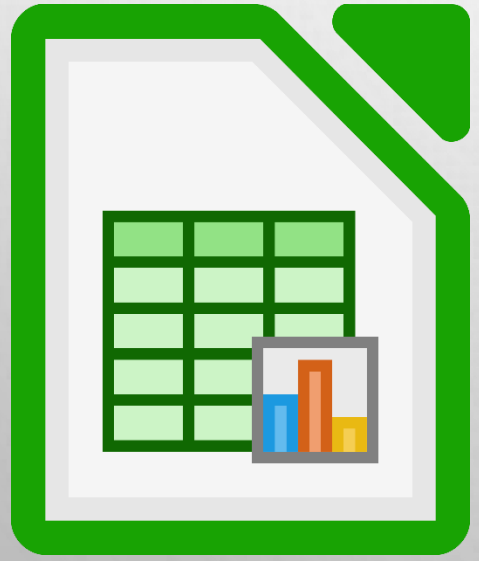
Exploring NASA World Wind!





- Objectives at 9th Standard

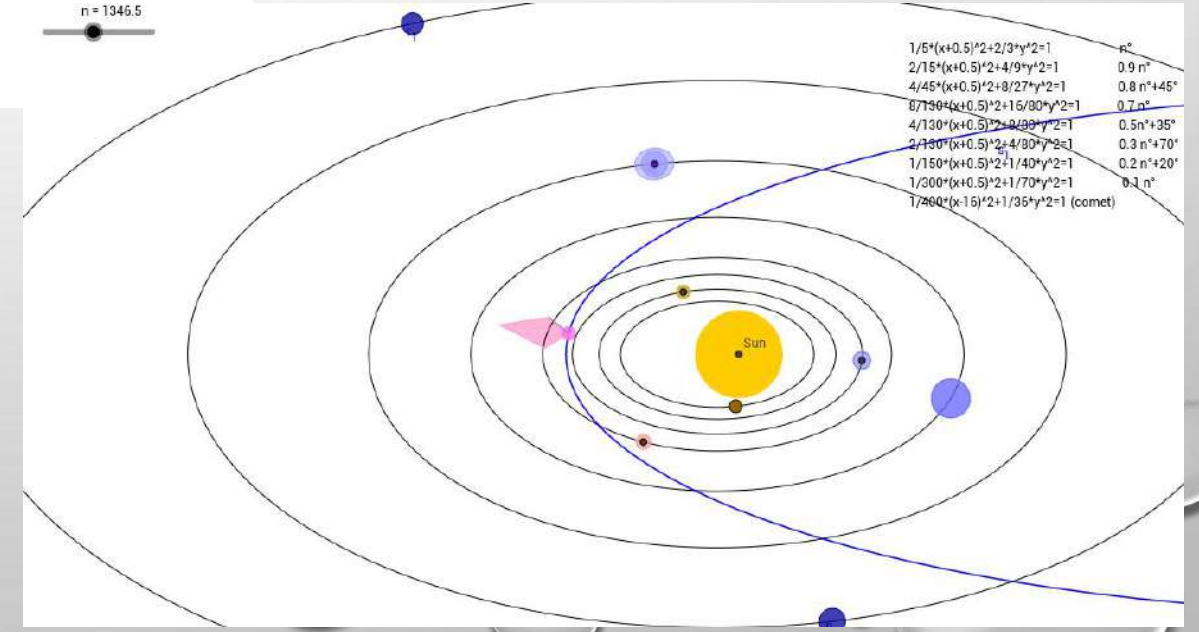
  - To work with Spreadsheet
  - To use Stellarium
  - To create and edit Videos
  - To use GeoGebra



Date Calculation Using Spreadsheet

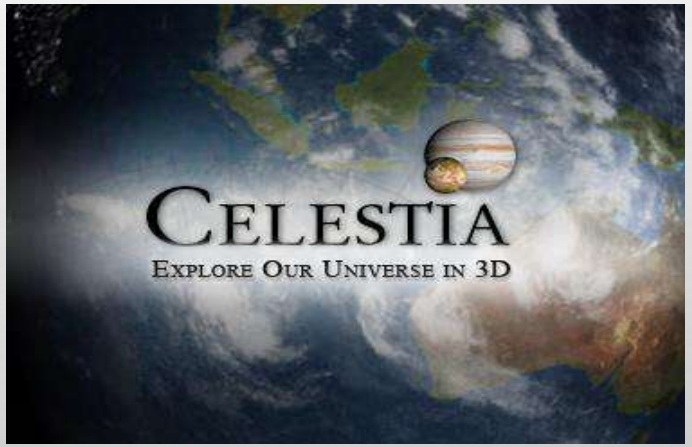
=C2-B2

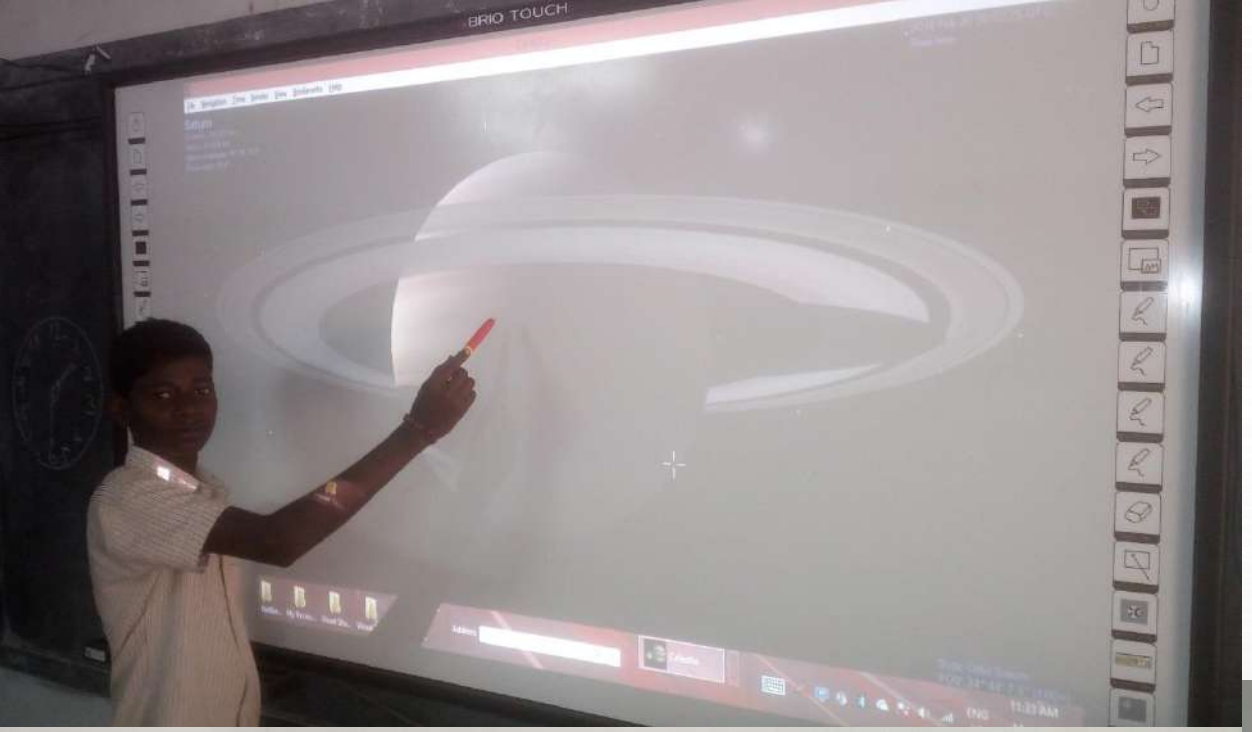
	A	B	C	D	E
1	NAME	DOB	TODAY'S DATE	TOTAL NUMBER OF DAYS	
2	ARUN	2/12/2002	1/3/2016	=C2-B2	
3					



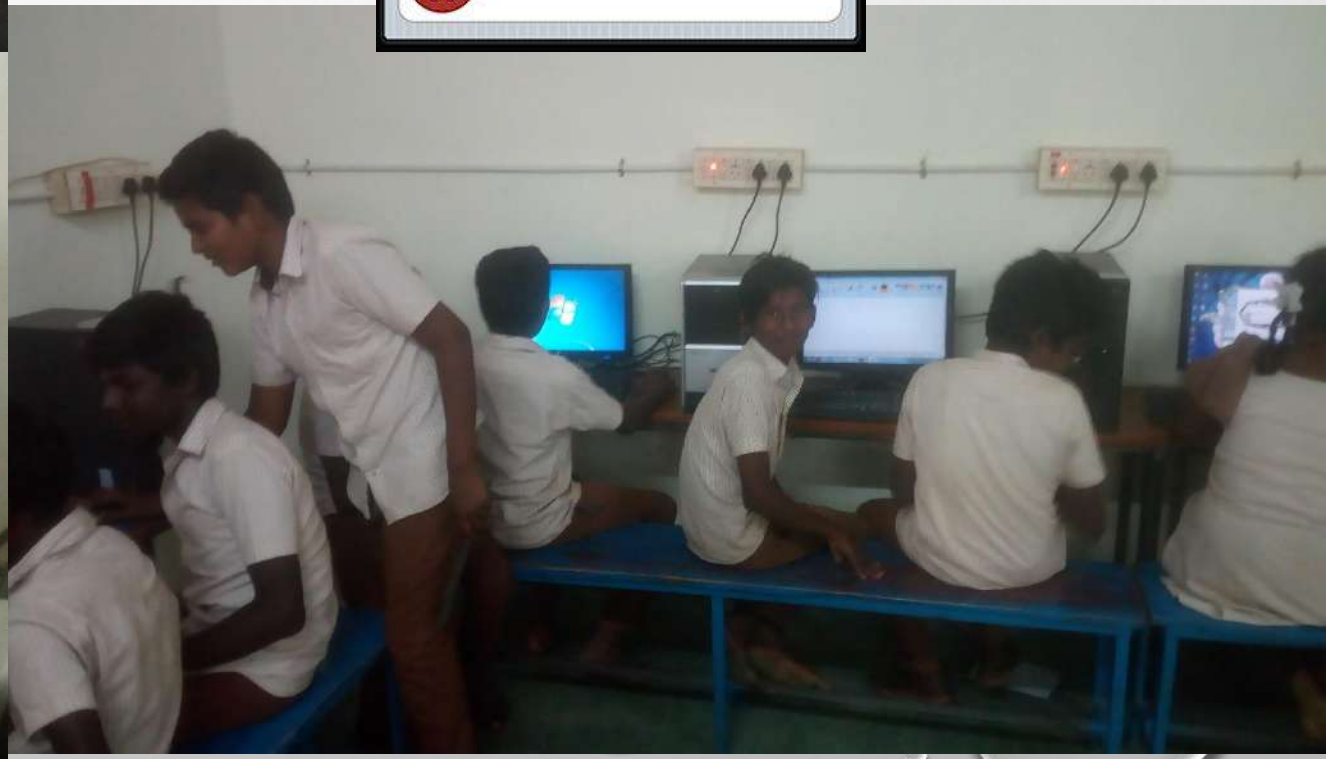
Objectives at 10th Standard

- To type in Tamil
- To use Celestia
- To use Gimp




BRIO TOUCH

Carrier
10:55 PM
செல்லினம்
குறுஞ்செய்தி
செய்தி
மலேசியா இன்று
இந்தியச் செய்திகள்
வலைப்பூக்கள்
விவரம்
செல்லினம்

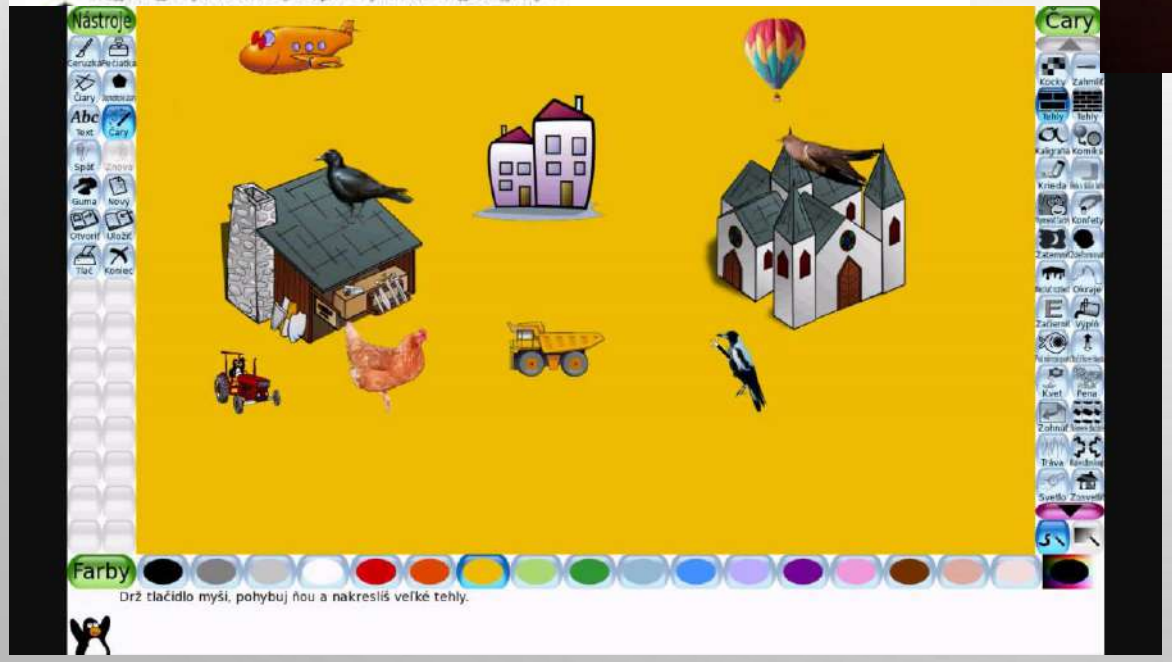


ASSESSMENT AND STUDENTS WORK

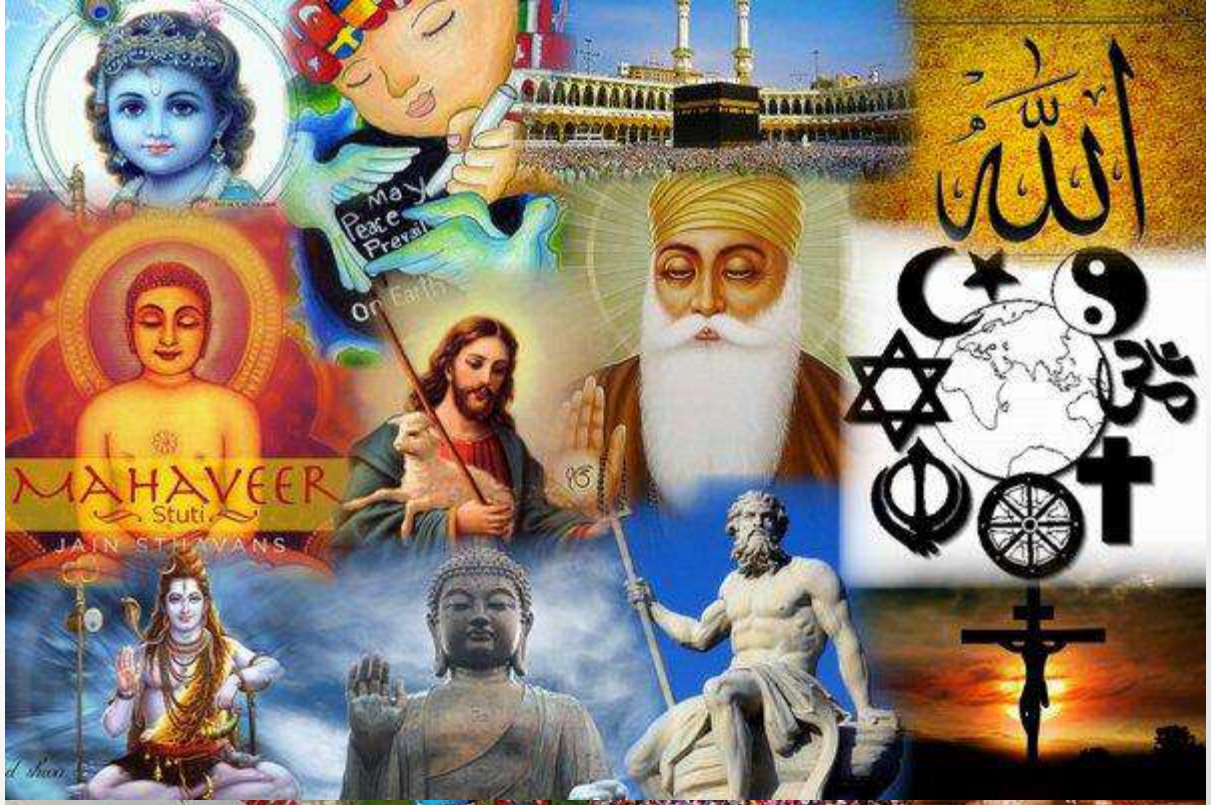
- Practical Activities
- Rubrics
- Mapping exercise
- Peer group Review
- Online Quiz

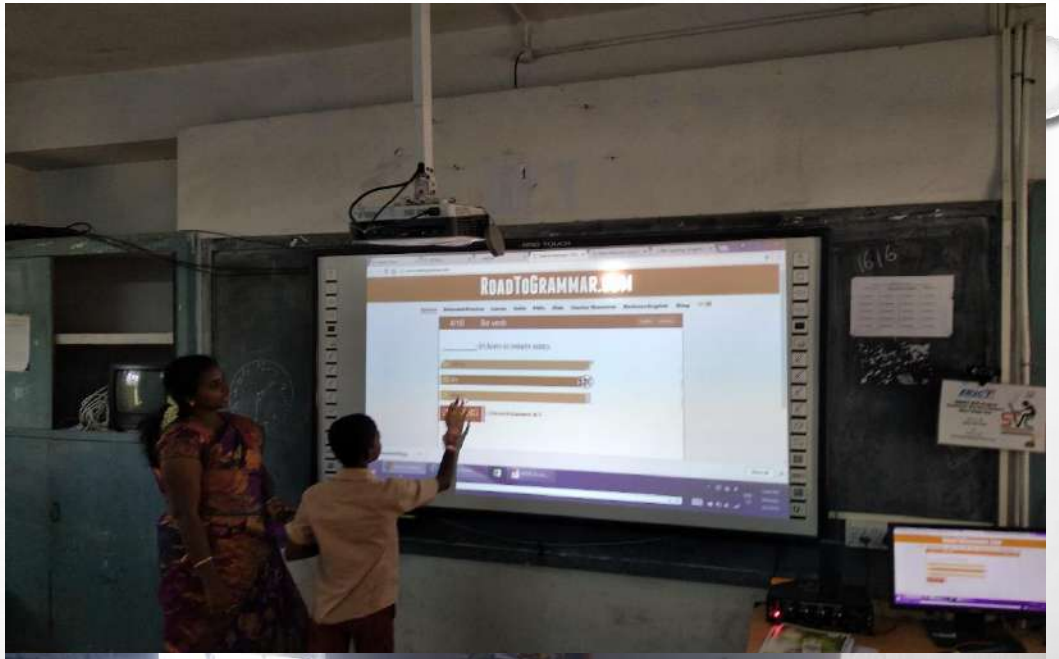
DIFFERENT TYPES OF DANCES IN INDIA

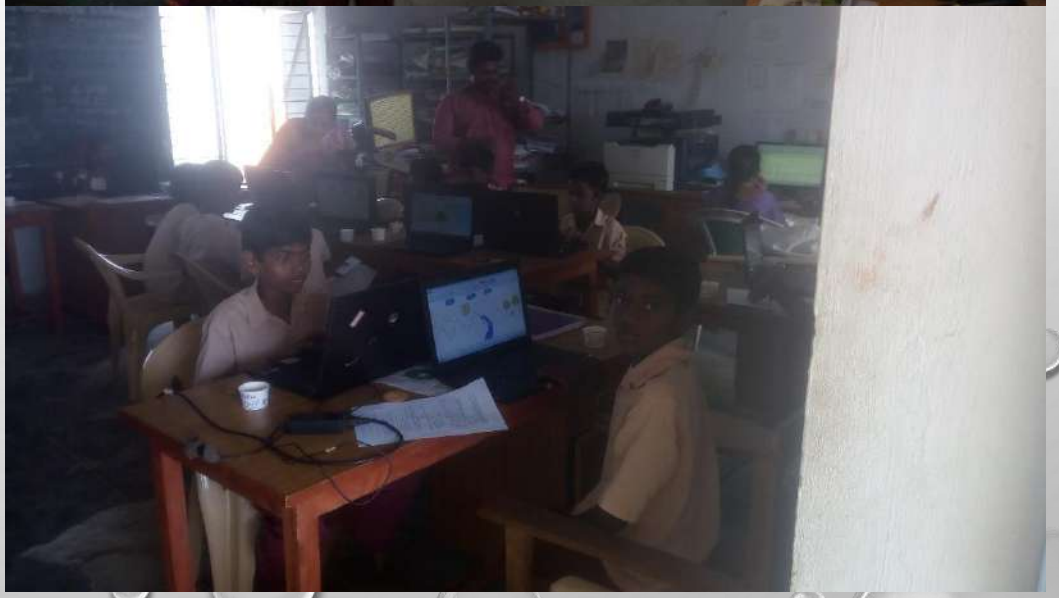
Tools
Brushes
Colors
Light grey! Some people spell it "light gray".


Nástroje
Čary
Farby
Drž tlačidlo myši, pohybuj ňou a nakresliš veľké tehly.

MAY PEACE PREVAIL ON EARTH


MAHAVEER
Stuti
JAIN STAVANS





Question 8 / 8 100 %

✔ Correct

Submit my answers

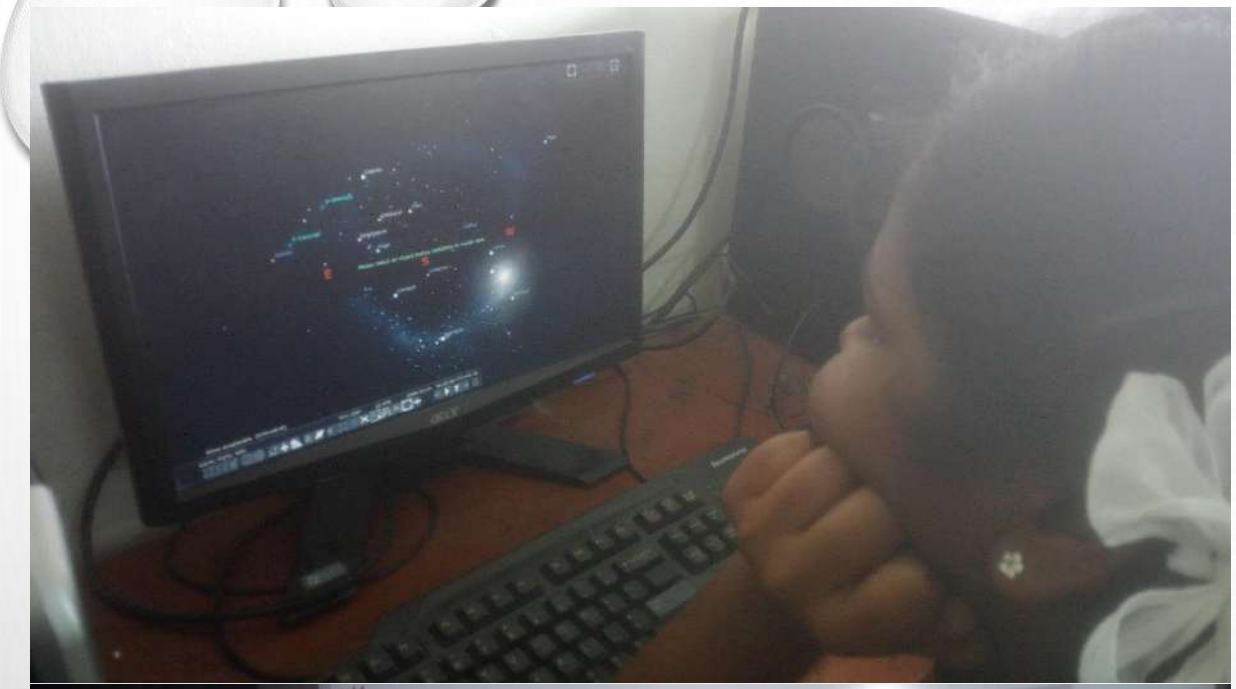
Behavior when using the computer that conforms to accepted standards of conduct.

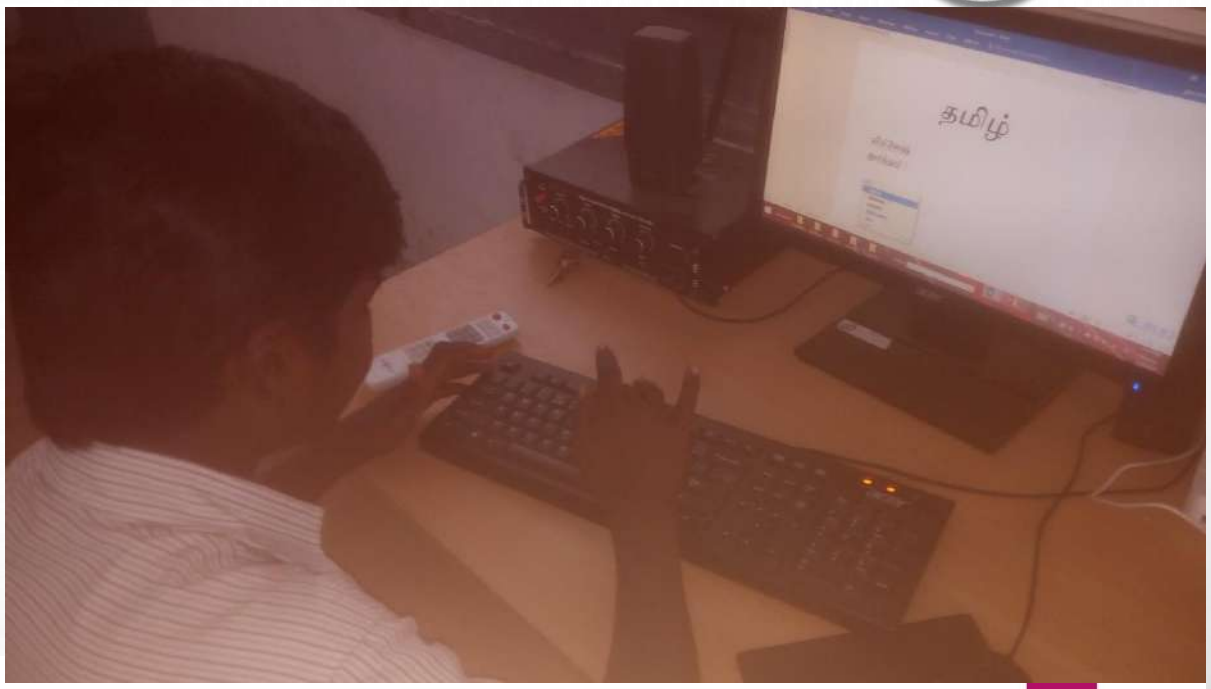
Uniform Use Agreement

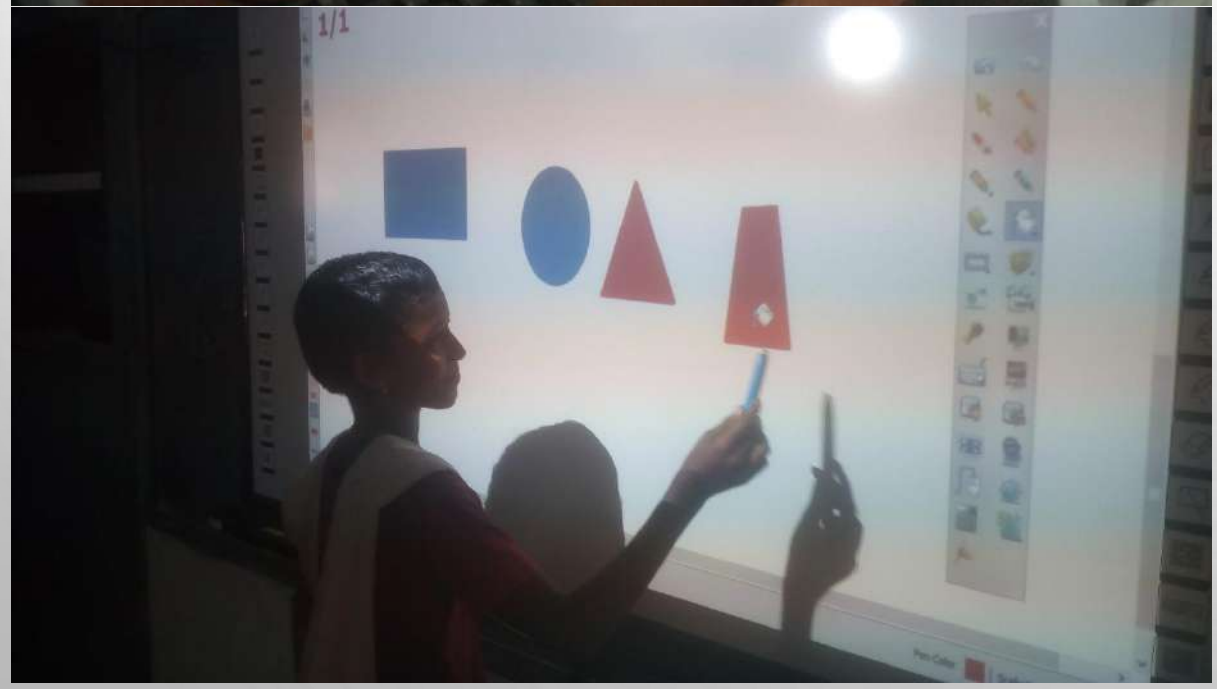
All Use Agreement

Acceptable Use Agreement ✔

Computer Use Agreement



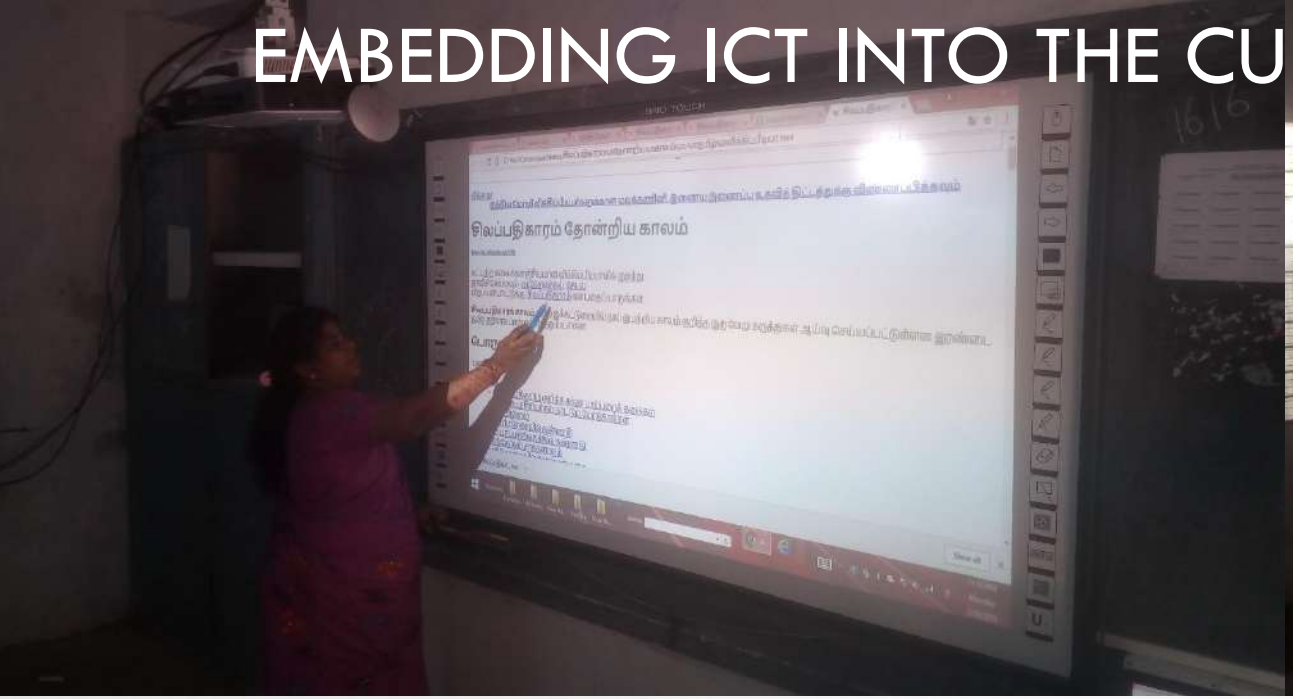


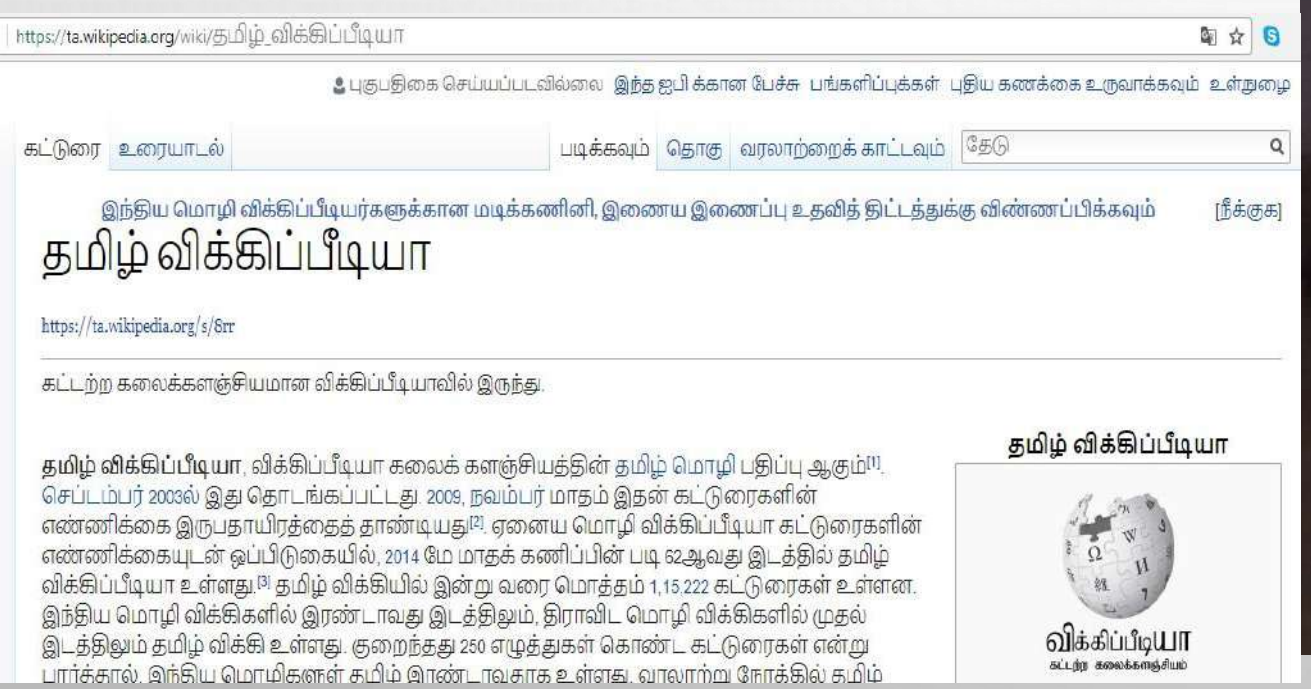


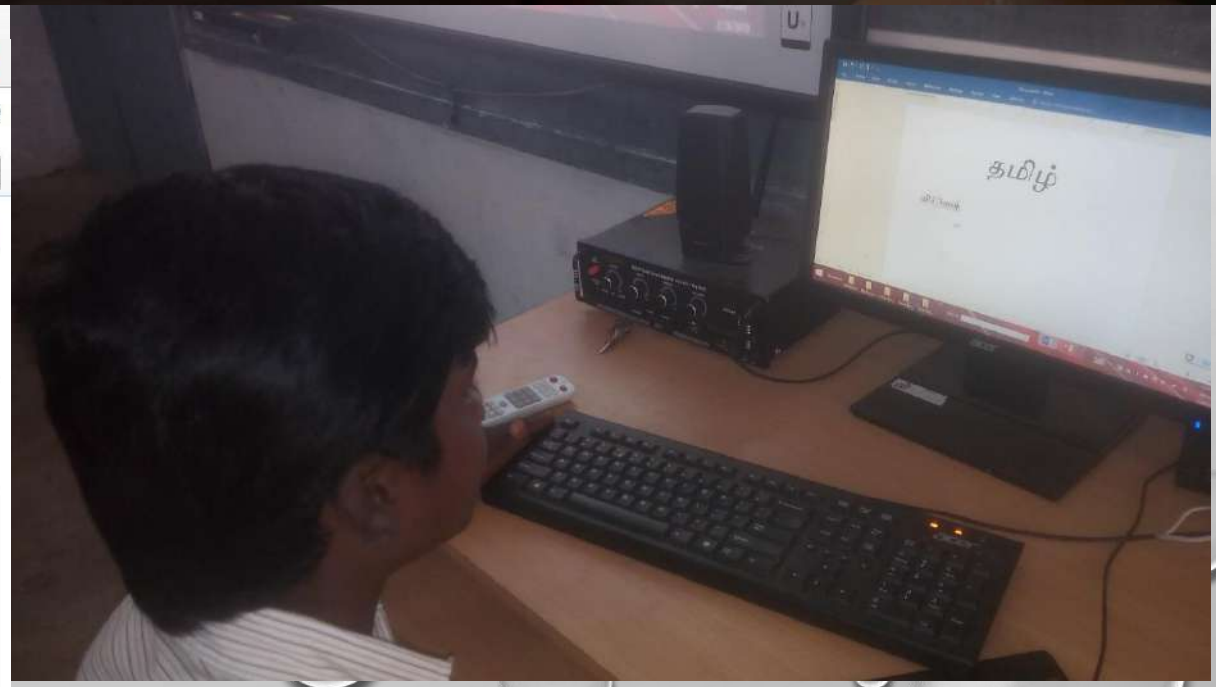
Exploring NASA World Wind!

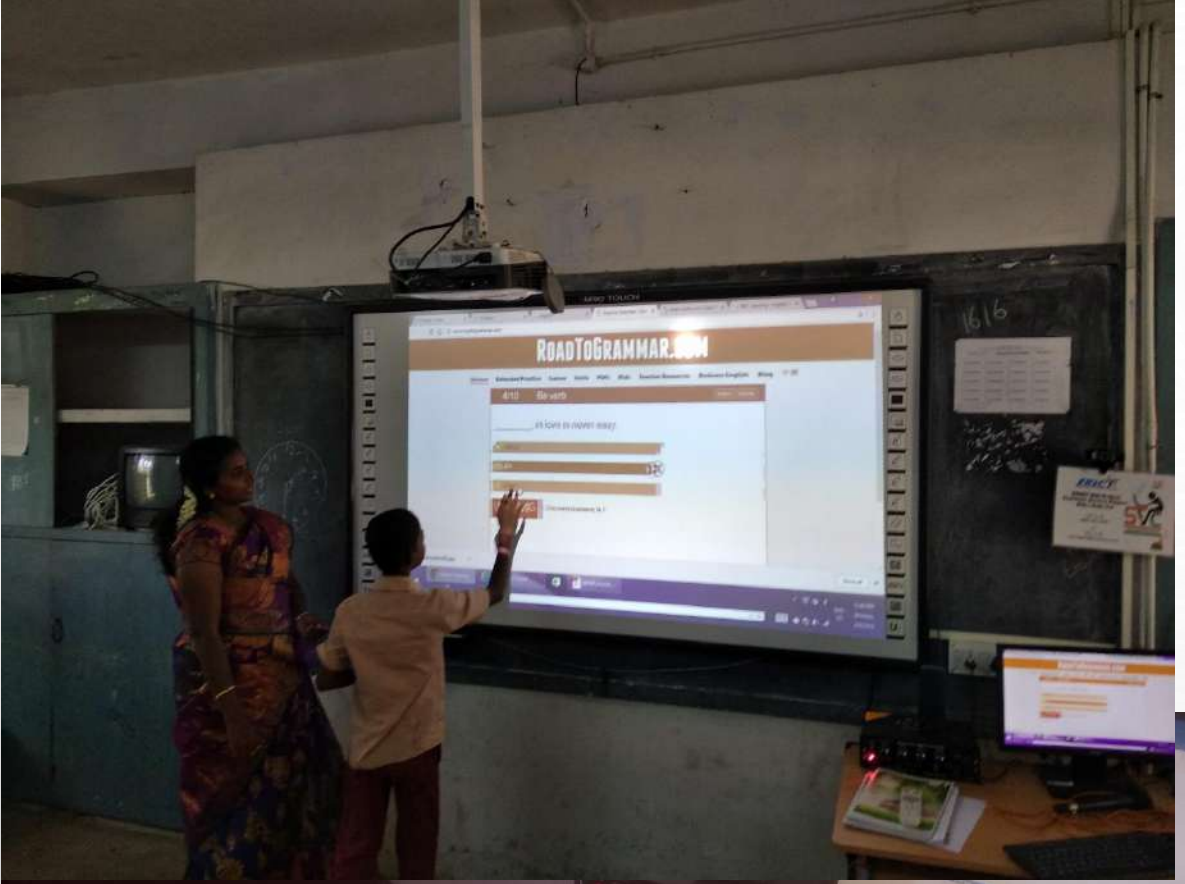
WE HAVE A "TECHNO CLUB" AT OUR SCHOOL

EMBEDDING ICT INTO THE CURRICULUM - TAMIL

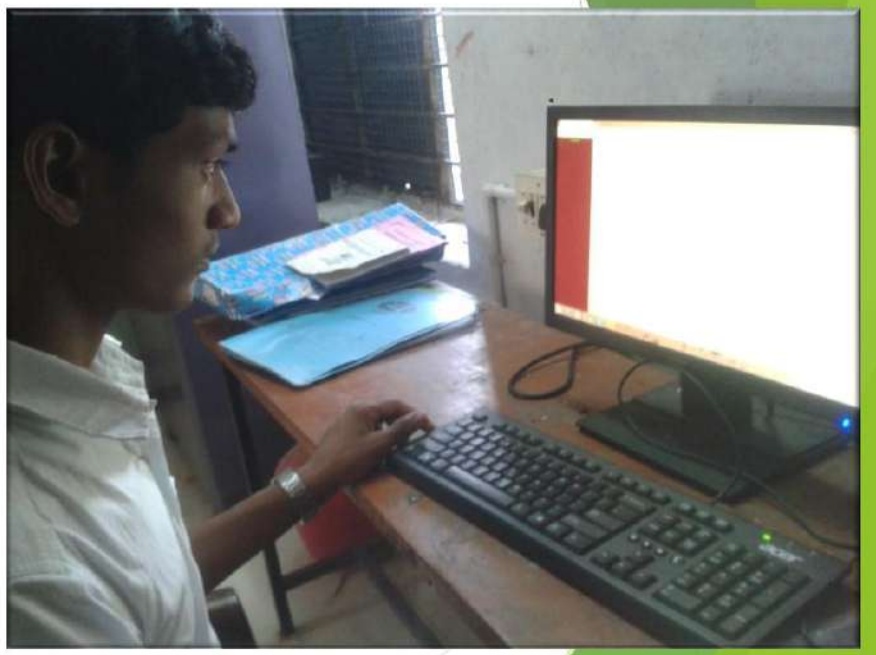


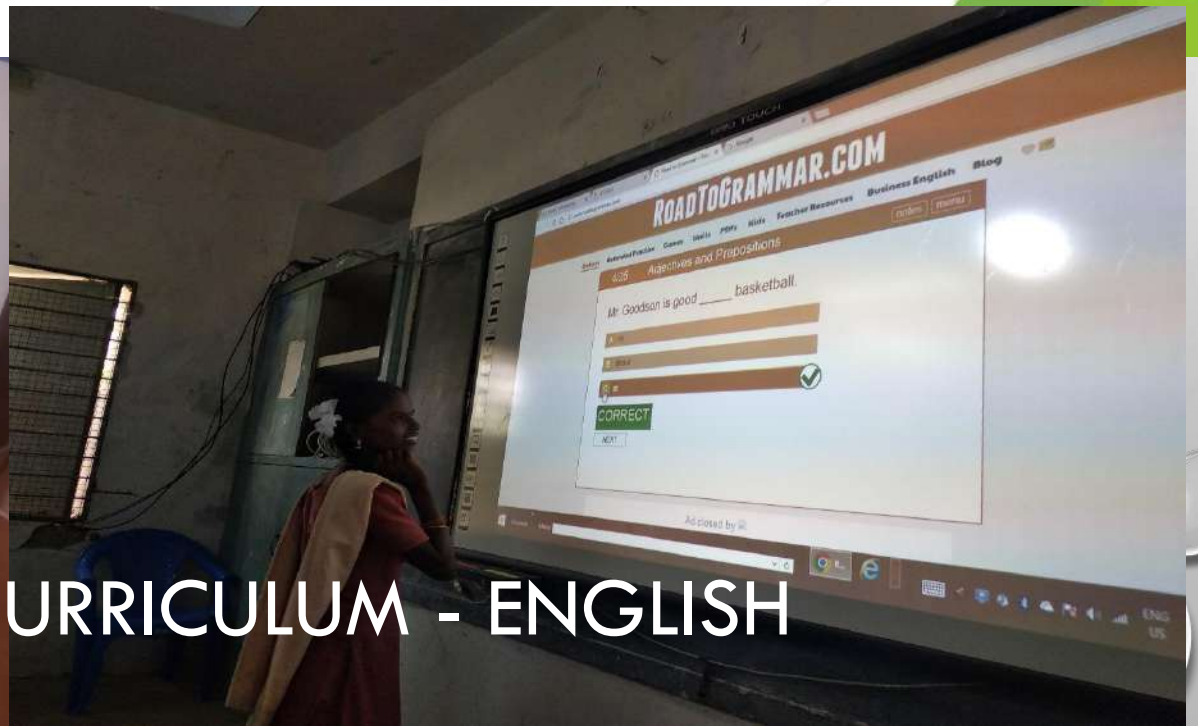




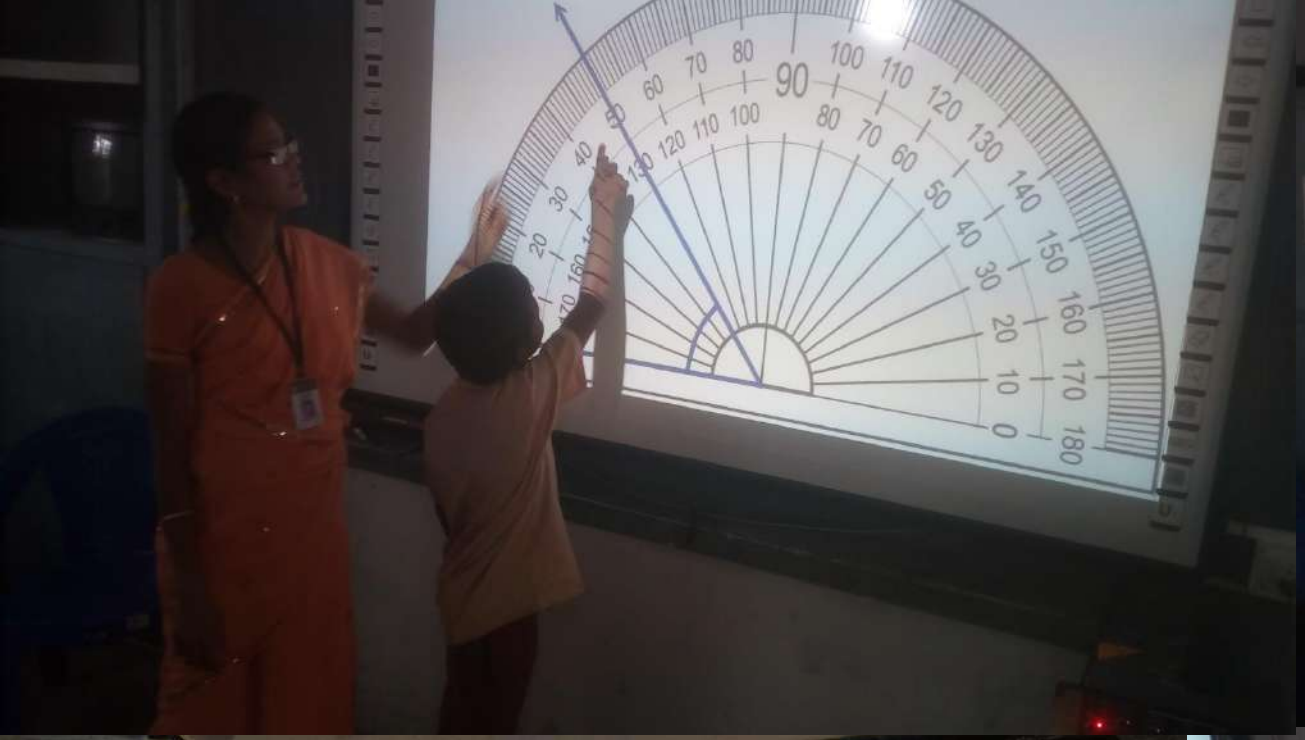


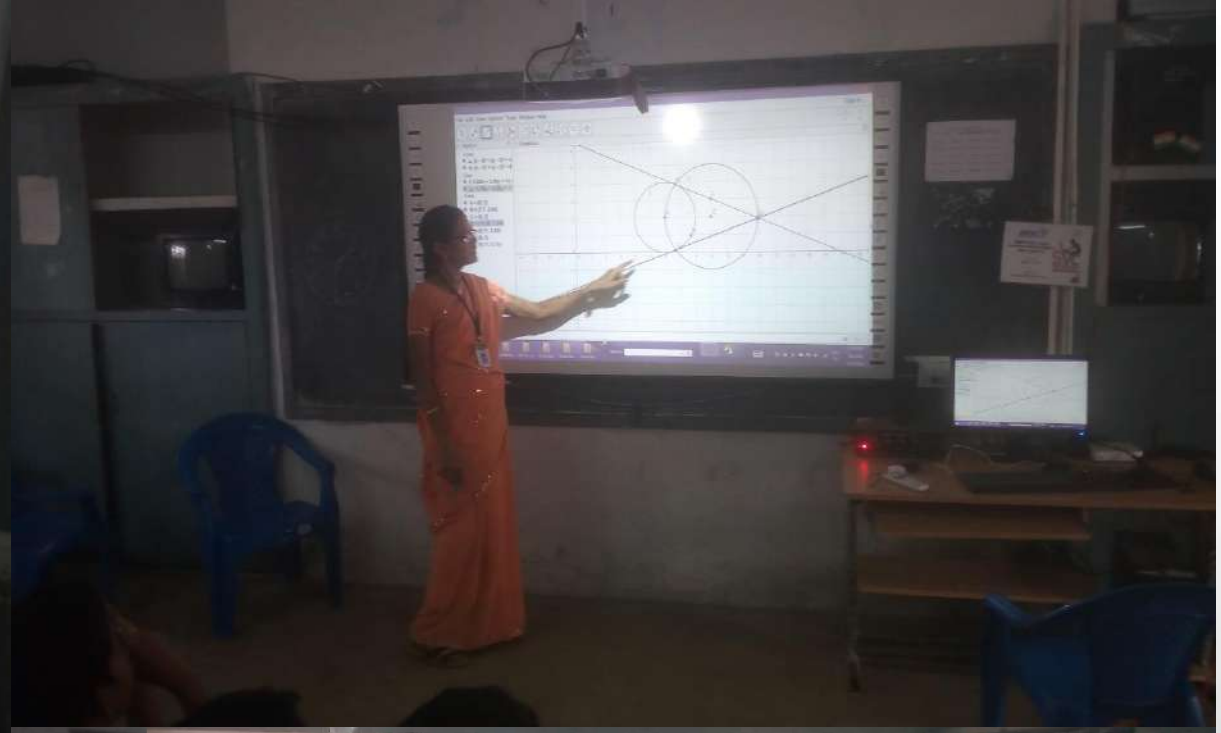
I am able to search and download study materials, Board Question papers and solved papers.

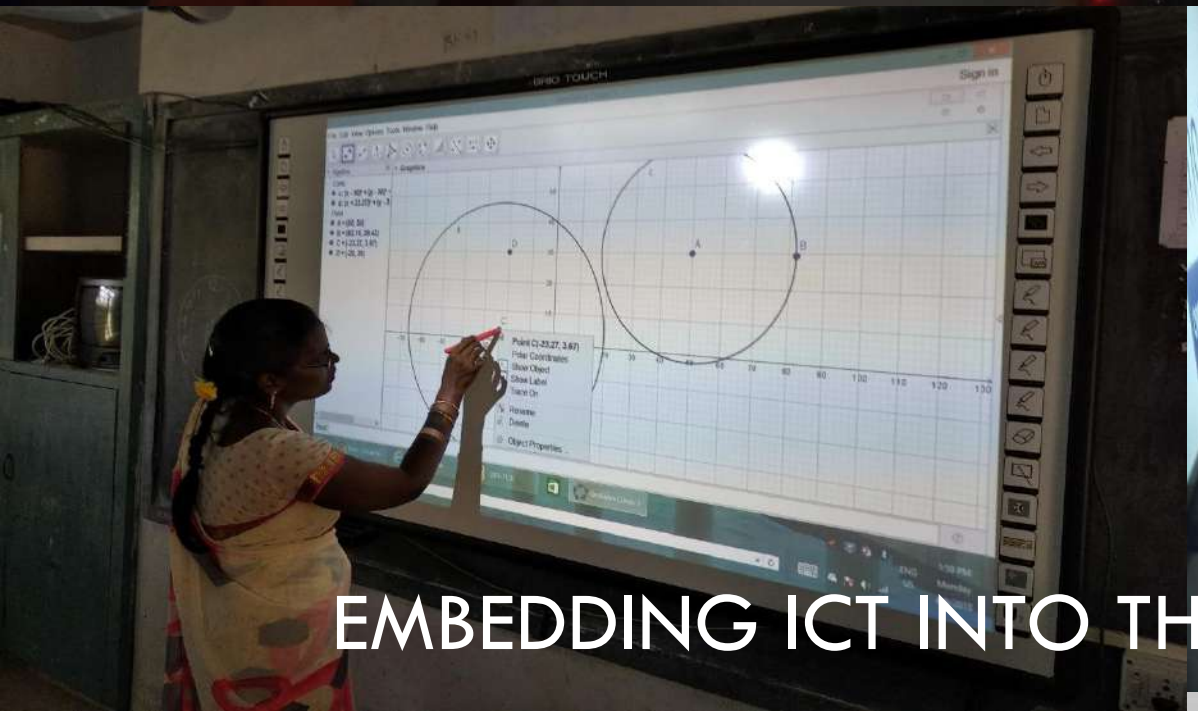


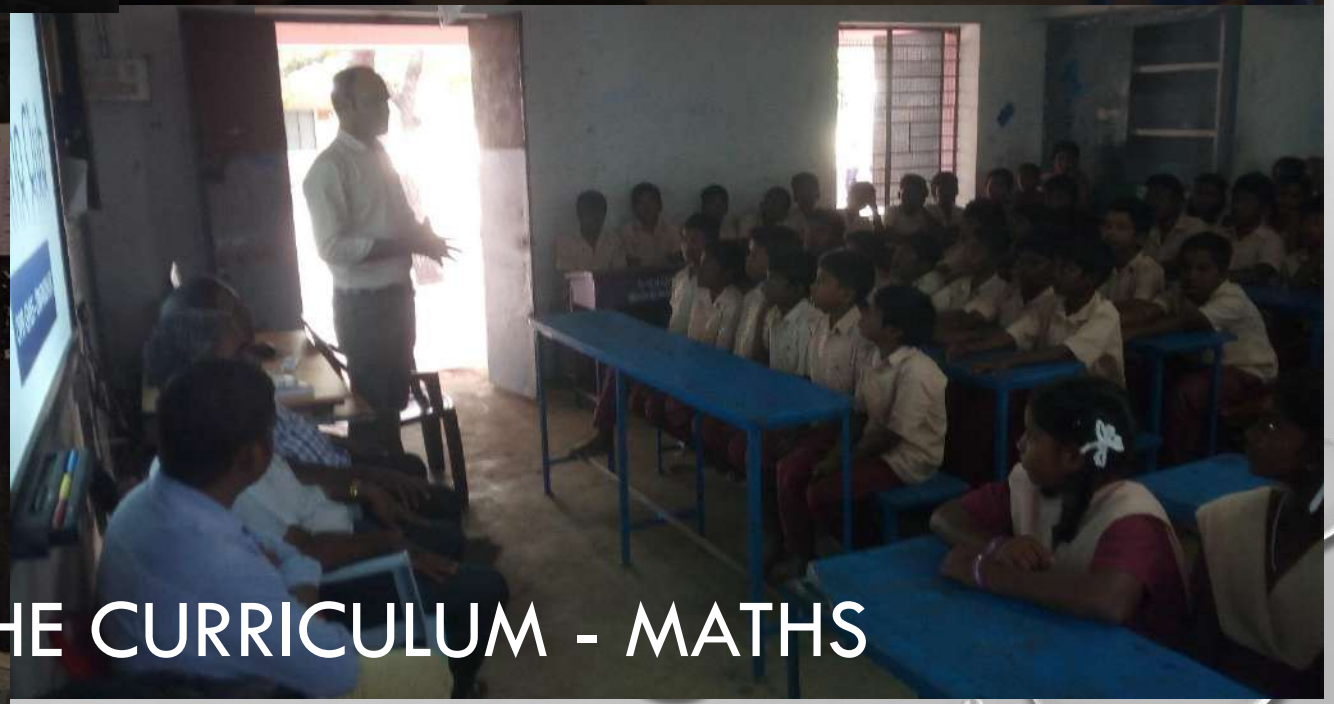


EMBEDDING ICT INTO THE CURRICULUM - ENGLISH



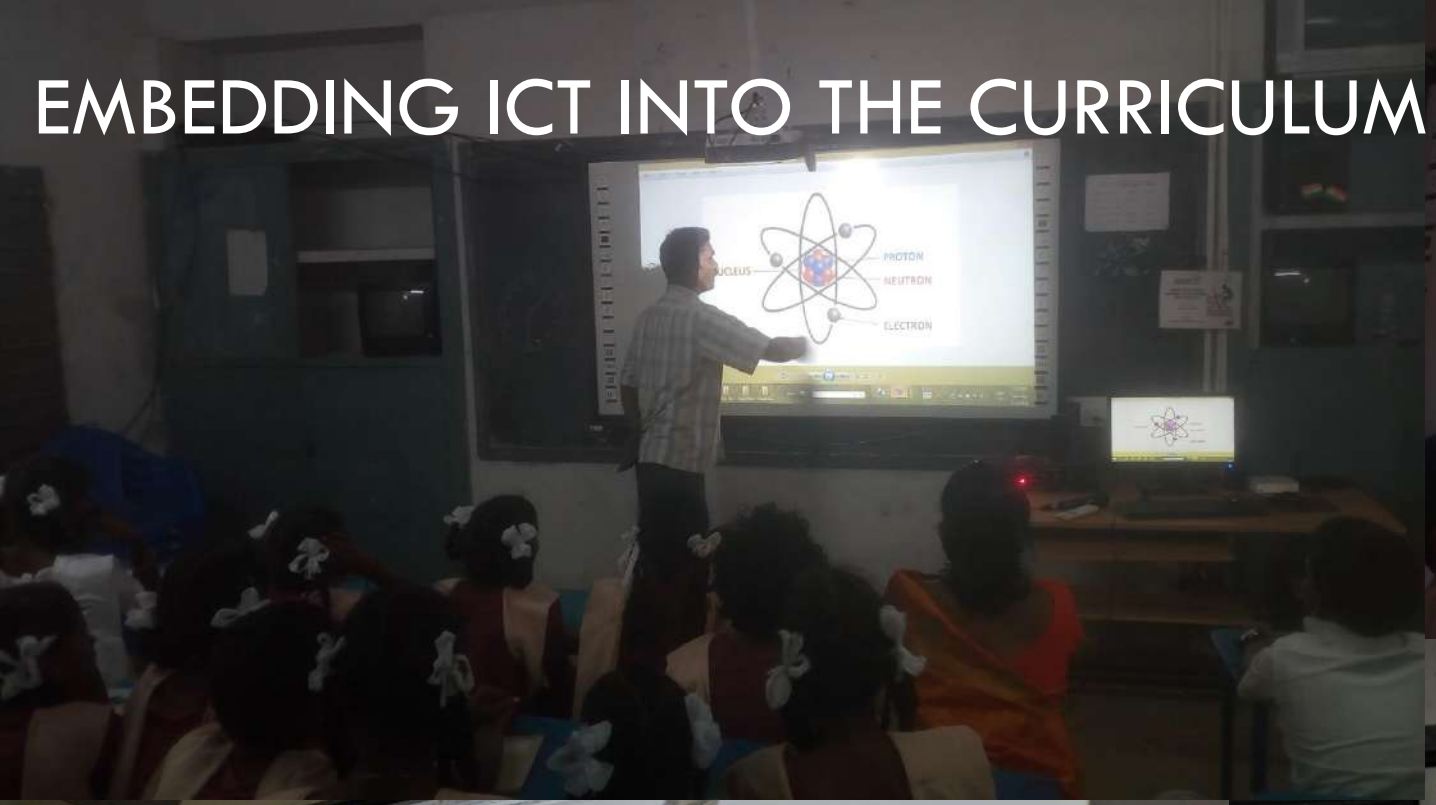


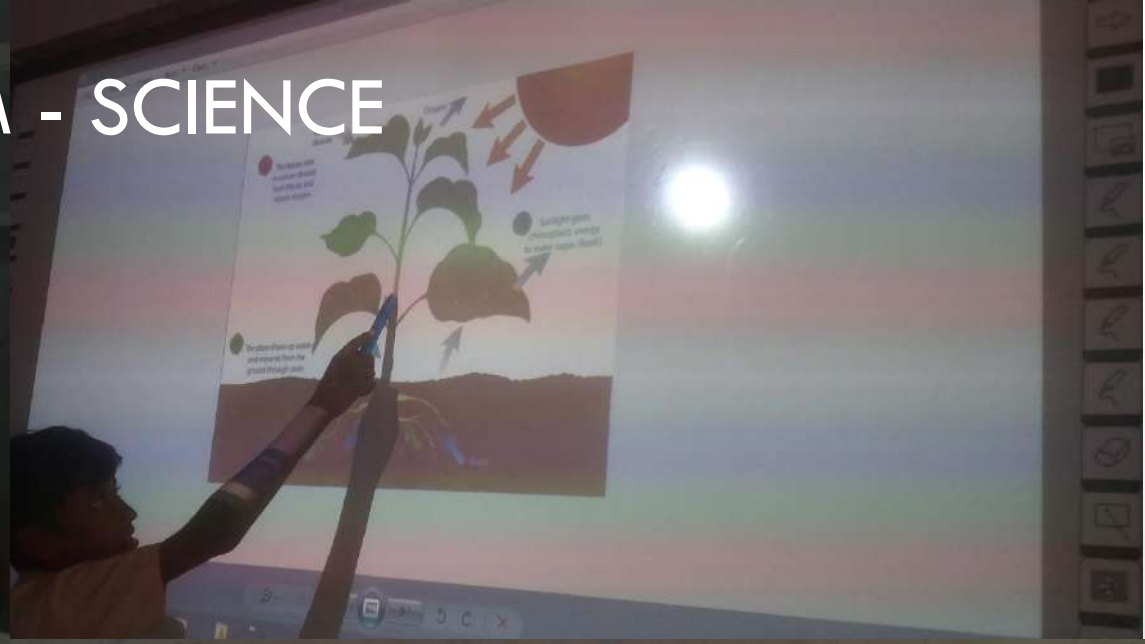


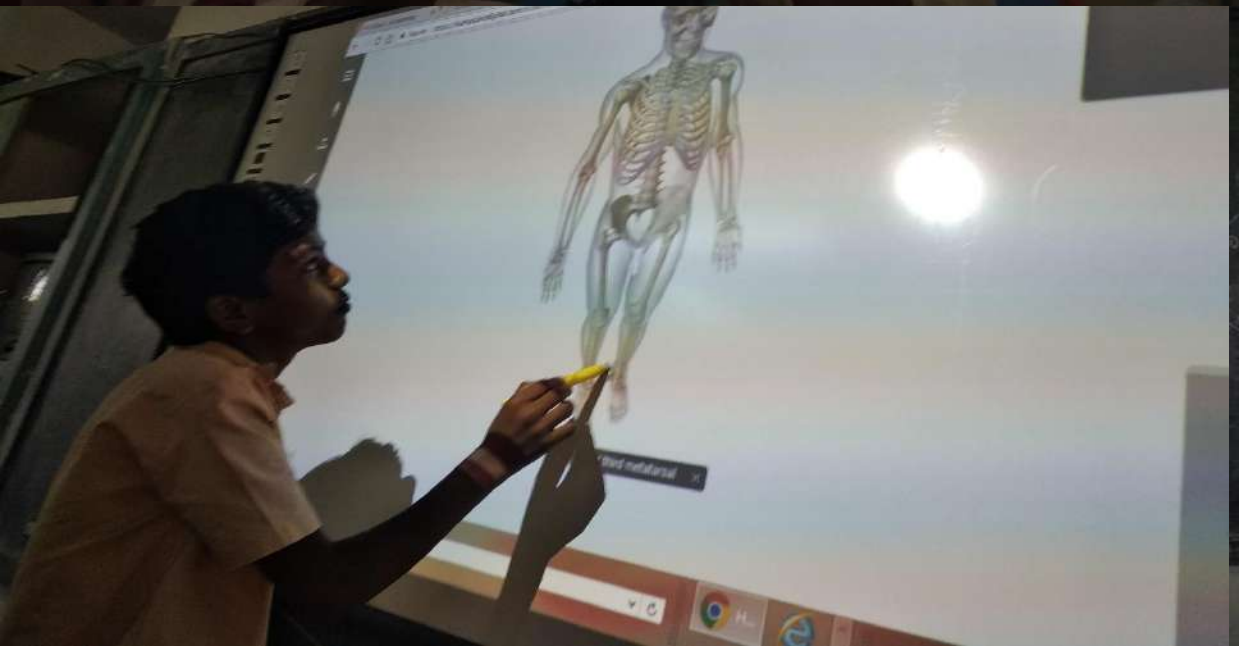


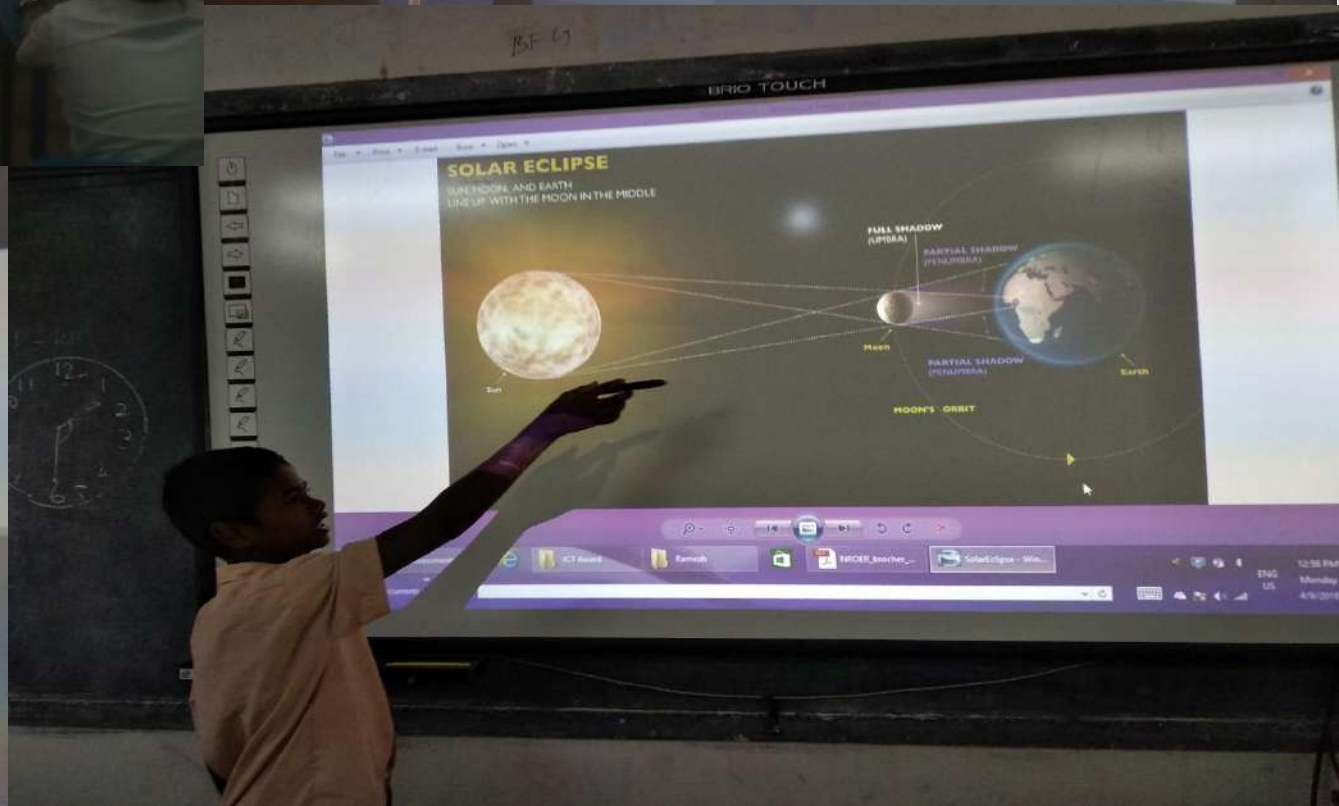
EMBEDDING ICT INTO THE CURRICULUM - MATHS

EMBEDDING ICT INTO THE CURRICULUM - SCIENCE



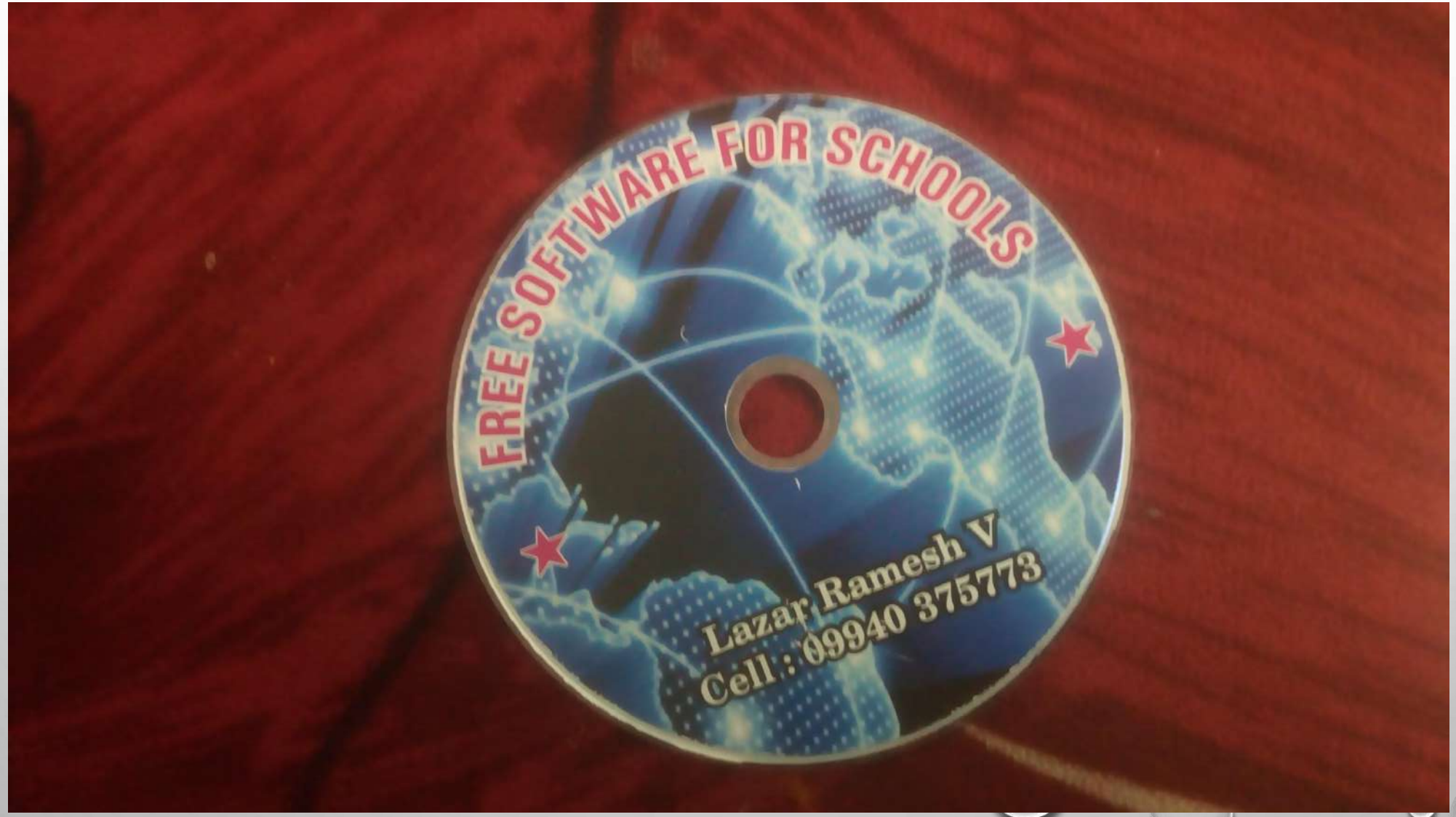






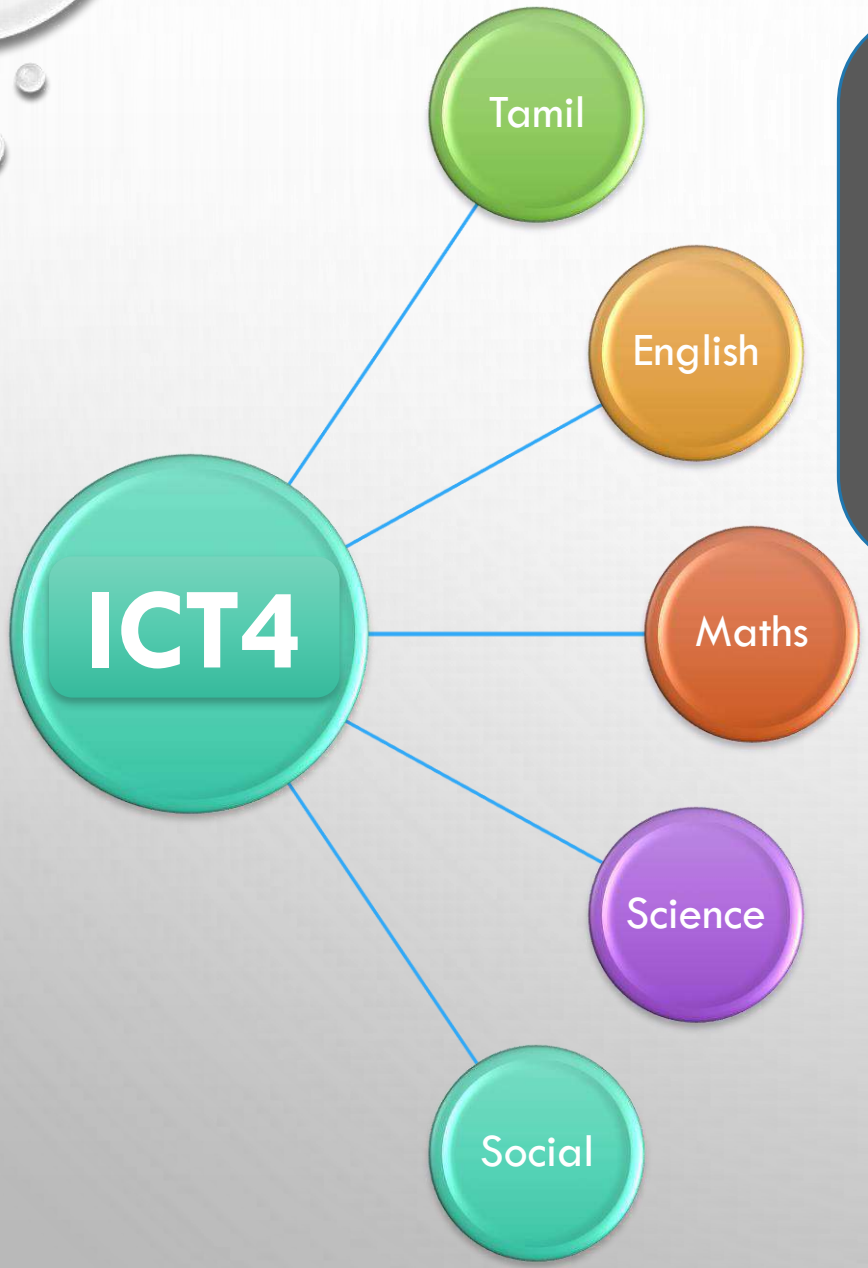
EMBEDDING ICT INTO THE CURRICULUM – SOCIAL SCIENCE

FREE SOFTWARE FOR SCHOOLS



TRAINED TEACHERS ON ICT TOOLS AT BLOCK, DISTRICT & STATE LEVEL TRAINING PROGRAMS CONDUCTED BY RMSA

MOBILE APPS FOR SUBJECT TEACHERS

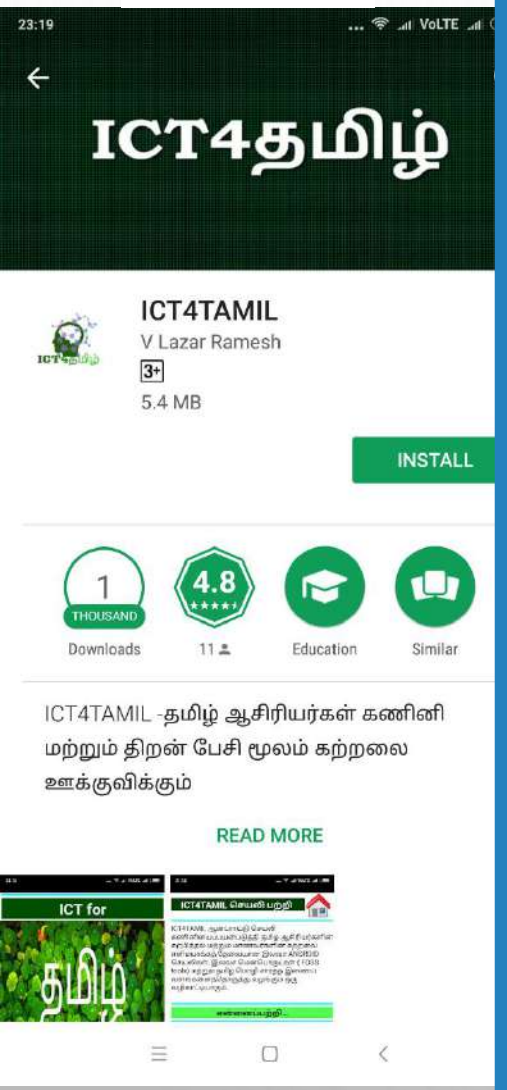


ICT4 Android Apps aim to guide the teachers of different subjects to use Free digital resources like android apps, FOSS tools and online resources in their classroom for better teaching and learning experience. Available @ Google Play Store.

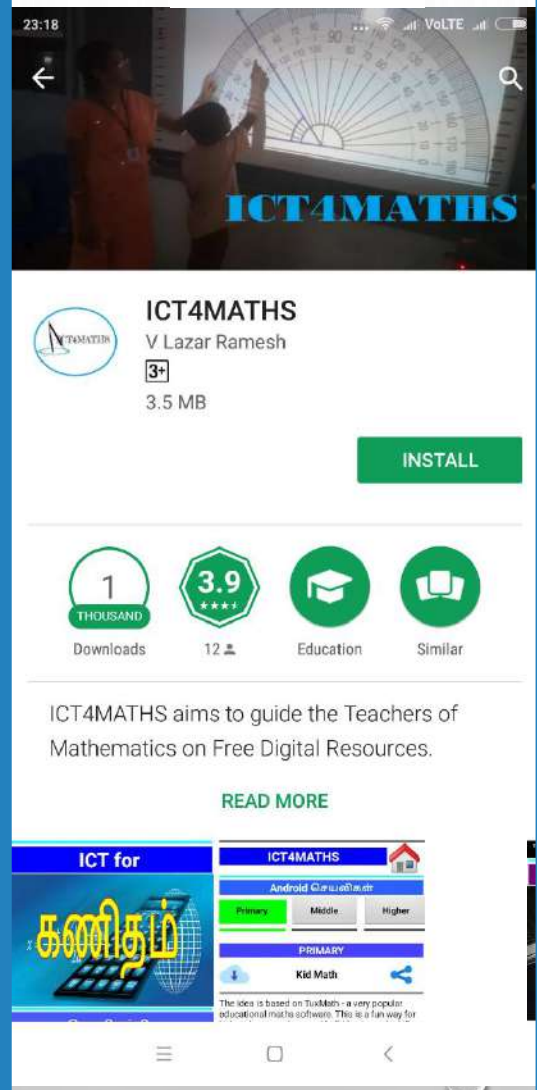
More than

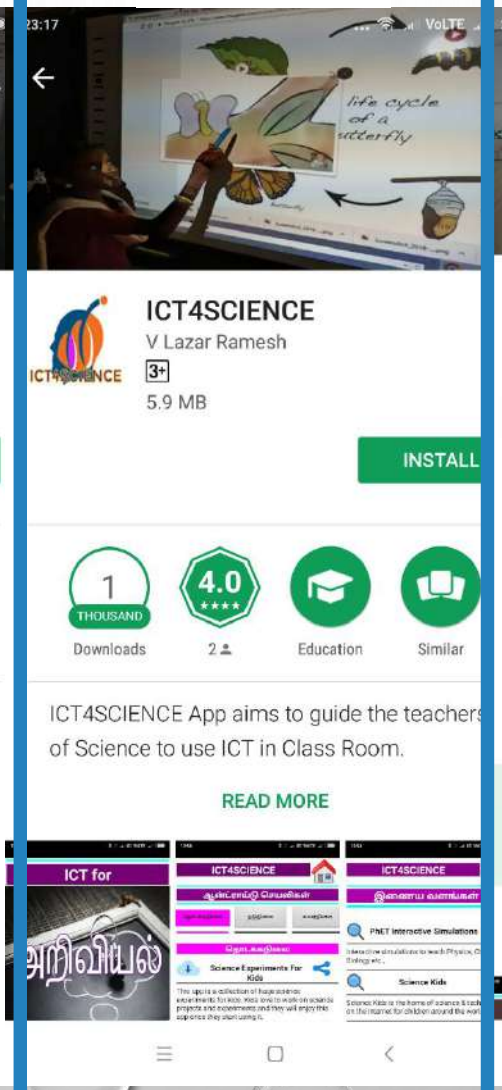
5000

Teachers across Tamilnadu


ICT4தமிழ்
ICT4TAMIL
V Lazar Ramesh
3+
5.4 MB
INSTALL
1 THOUSAND
Downloads
4.8
11
Education
Similar
ICT4TAMIL -தமிழ் ஆசிரியர்கள் கணினி மற்றும் திறன் பேசி மூலம் கற்றலை ஊக்குவிக்கும்
READ MORE
ICT for
தமிழ்
ICT4TAMIL செயலி பற்றி

ict4English
ICT4ENGLISH
V Lazar Ramesh
3+
2.9 MB
INSTALL
1 THOUSAND
Downloads
4.4
15
Education
Similar
ICT4ENGLISH App aims to help the Teachers of English on using ICT tools
READ MORE
ICT for
ENGLISH
<< About >>


ICT4MATHS
ICT4MATHS
V Lazar Ramesh
3+
3.5 MB
INSTALL
1 THOUSAND
Downloads
3.9
12
Education
Similar
ICT4MATHS aims to guide the Teachers of Mathematics on Free Digital Resources.
READ MORE
ICT for
கணிதம்
Android செயலிகள்
Primary
Middle
Higher
PRIMARY
Kid Math


life cycle of a butterfly
ICT4SCIENCE
V Lazar Ramesh
3+
5.9 MB
INSTALL
1 THOUSAND
Downloads
4.0
2
Education
Similar
ICT4SCIENCE App aims to guide the teachers of Science to use ICT in Class Room.
READ MORE
ICT for
அறிவியல்
ICT4SCIENCE
PhET Interactive Simulations
Science Kids

ICT4SOCIAL
V Lazar Ramesh
3+
UNINSTALL
OPEN
500
Downloads
4.5
4
Education
Similar
ICT4SOCIAL aims to guide the teachers of Social Science to integrate ICT
WHAT'S NEW
NEW
READ MORE
ICT for
ICT4SOCIAL

EMBEDDING ICT INTO 21ST CENTURY SKILLS

BRITISH COUNCIL

UKaid

CONNECTING CLASSROOMS

Professional development for teachers

Teaching digital literacy

Certicate of completion

This is to certify that

V. Lazar Ramesh

Opr Govt Hr. Sec. School, Tindivanam

Attended a participatory course on Teaching digital literacy.

Date **09 February 2016**

Professor Jo Beall,
Director Education and Society, British Council

www.britishcouncil.org/connectingclassrooms

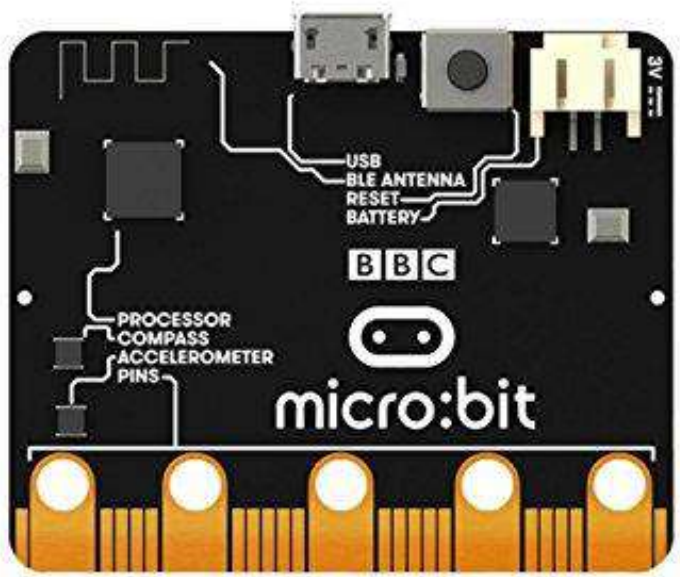
imagine education

CRITICAL THINKING AND PROBLEM SOLVING

DIGITAL CREATORS ARE USING SCRATCH

DIGITAL CREATORS USING MICRO:BIT

- Micro:bit is a tiny programmable calculator designed to teach programming easy and fun
- Students coded for the following:
  - Simple stop clock
  - Step Counter
  - Remote Selfies
  - Count down timer
- Enhances critical thinking and Problem solving skills



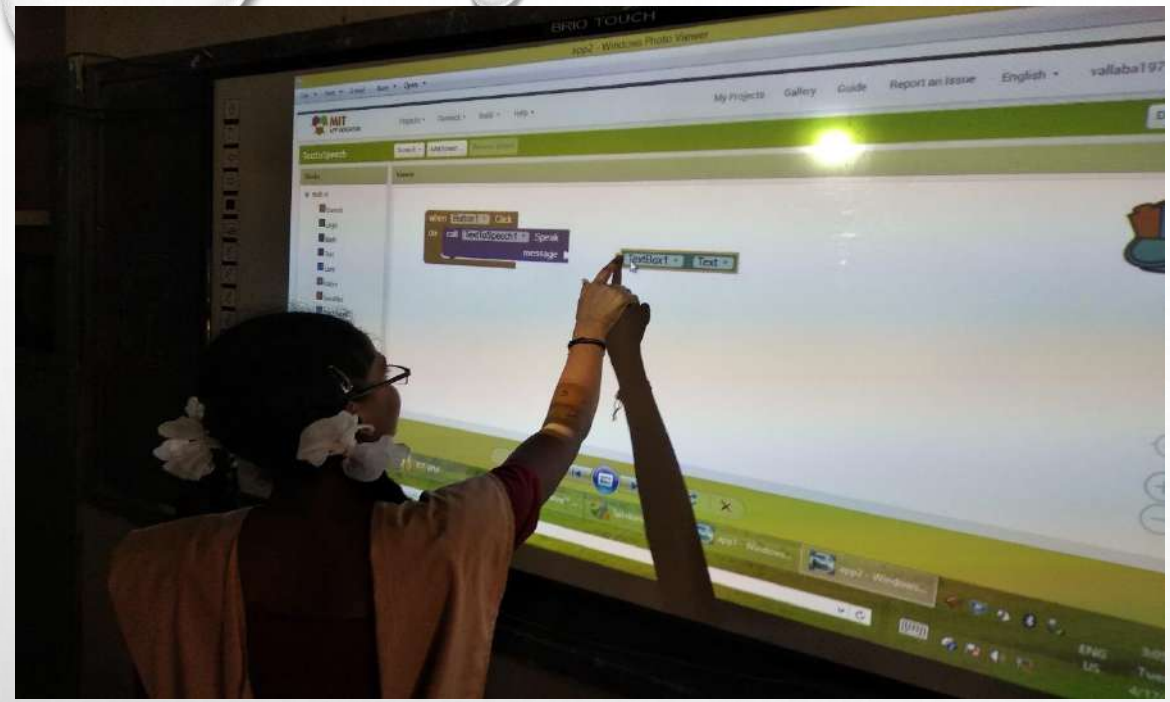
DIGITAL CREATORS USING MICRO:BIT

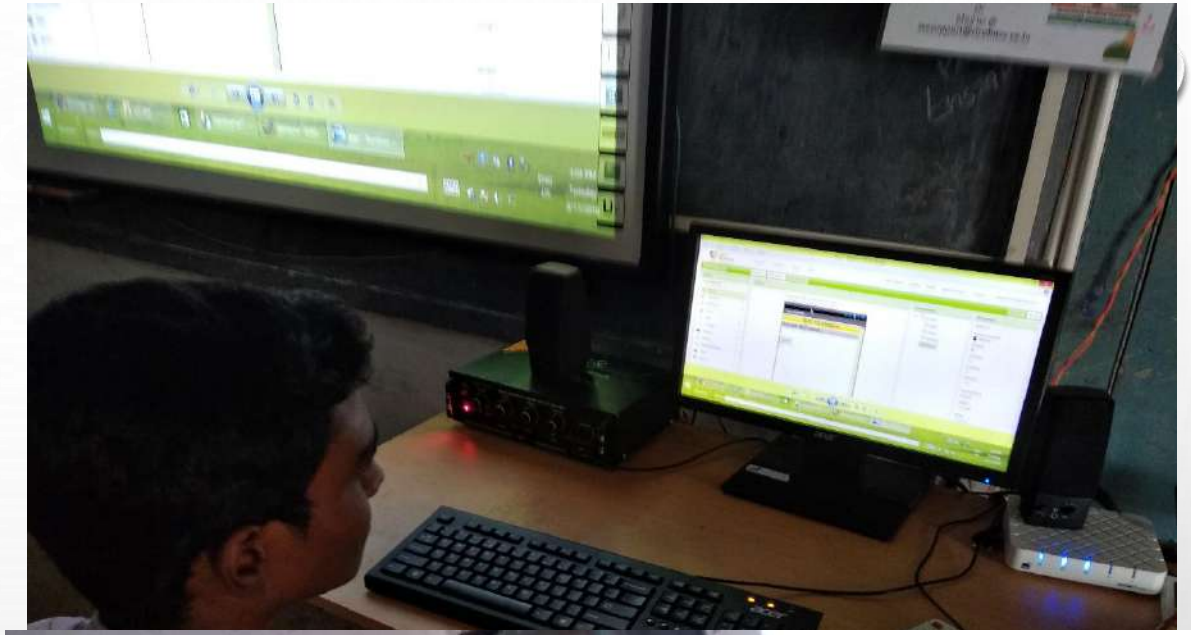
DIGITAL CREATORS USING BBC MICRO:BIT

DIGITAL CREATORS USING APP INVENTOR

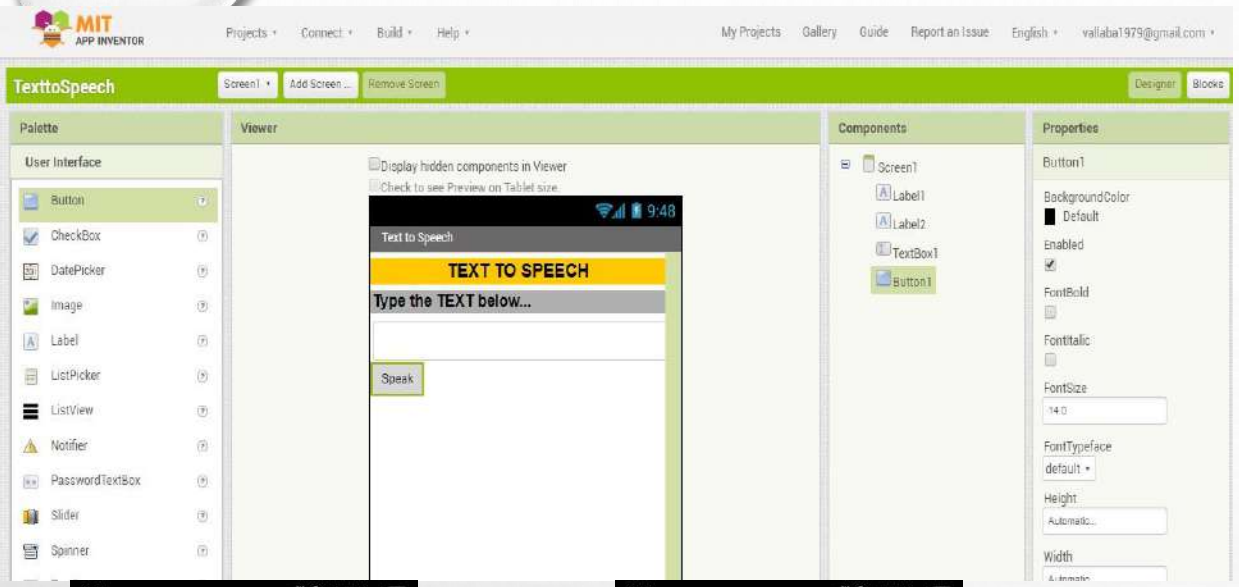
- App Inventor is an online mobile app developer
- Students have learnt how to design and code in App Inventor.
  - Text to Speech
  - To share messages
  - To design a simple contact page
- Enhances critical thinking and Problem solving skills
- **How to design and build Simple mobile apps?**

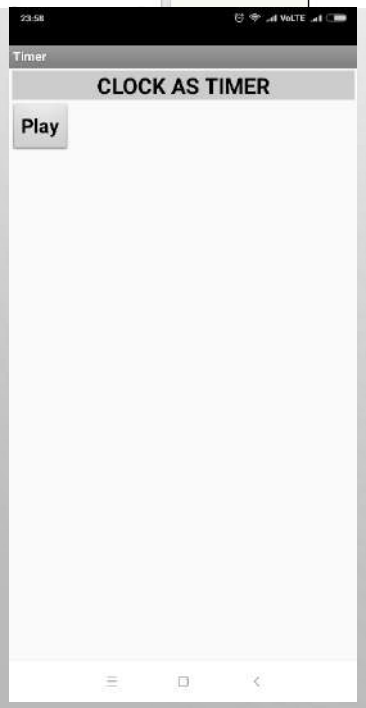
DIGITAL CREATORS USING APP INVENTOR

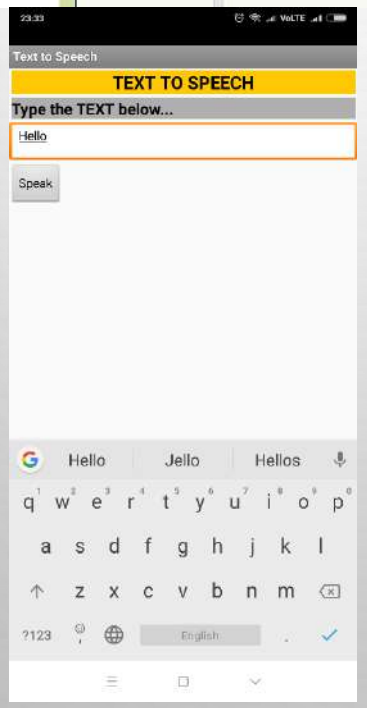


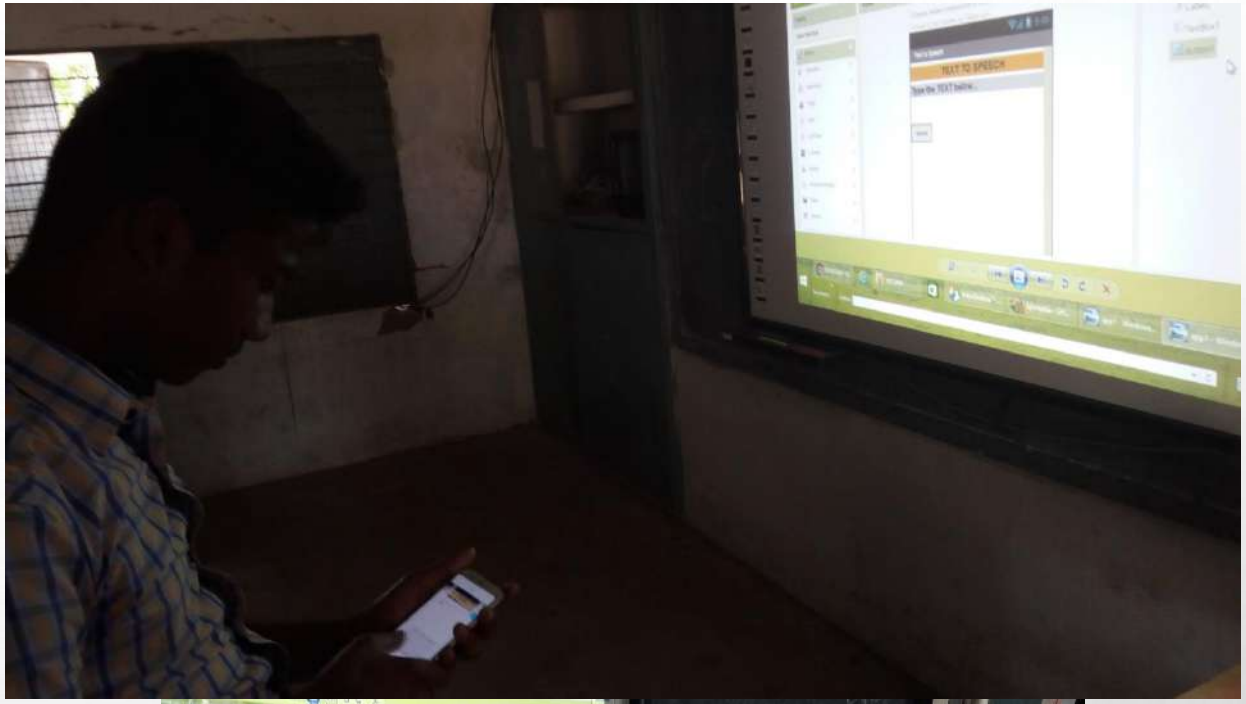


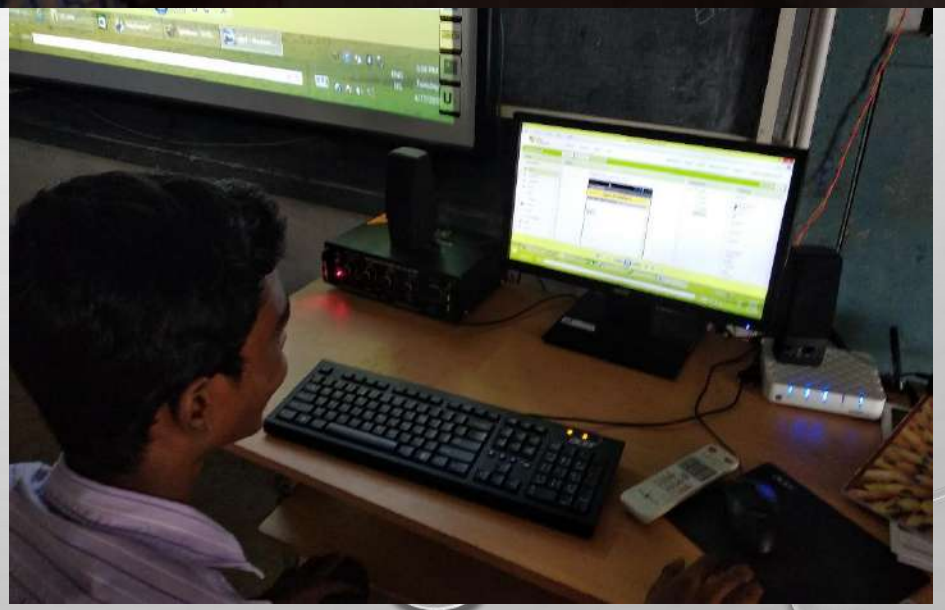
DIGITAL CREATORS USING APP INVENTOR











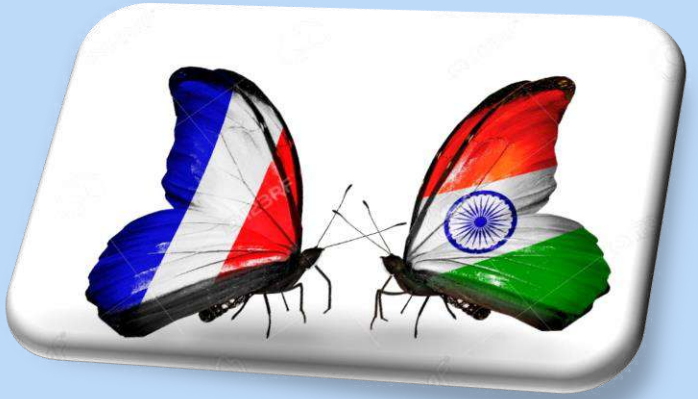
COMMUNICATION & COLLOBORATION + GLOBAL CITIZENSHIP

ENGLISH LANGUAGE LEARNING PROGRAM (ONLINE COLLOBORATIVE PROJECT)
FRENCH SCHOOL " CIV INTERNATIONAL SCHOOL" – NICE, FRANCE

PROJECT : "IMAGE OF THE OTHER"

OBJECTIVE: LEARNING A SECOND LANGUAGE THROUGH COMMUNICATION AND COLLOBORATION – KNOWING EACH OTHER

1. LETTERS EXCHANGE
2. MAILS EXCHANGE
3. PRESENTATIONS EXCHANGE
4. VIDEOS EXCHANGE
5. SKYPE MEET



INDO FRENCH COLLOBORATIVE PROECT

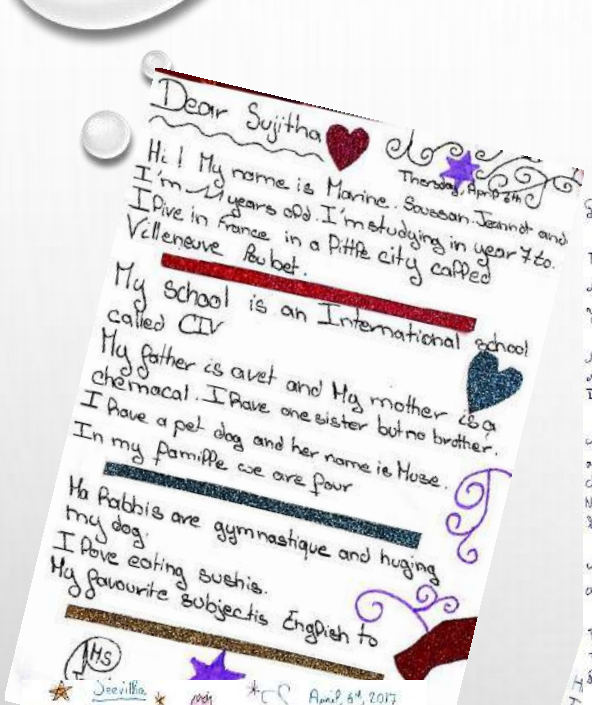
“IMAGE OF THE OTHER”

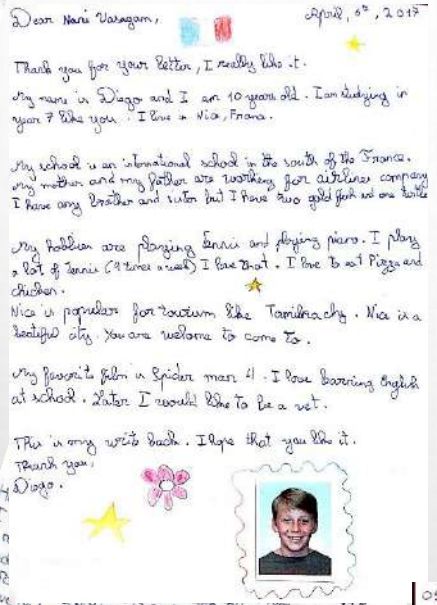
PROJECT : “IMAGE OF THE OTHER”

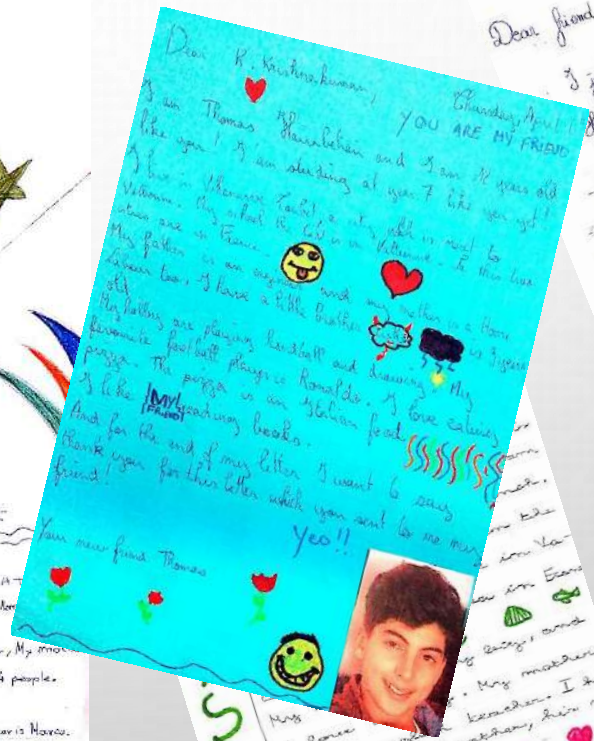
ICT TOOLS

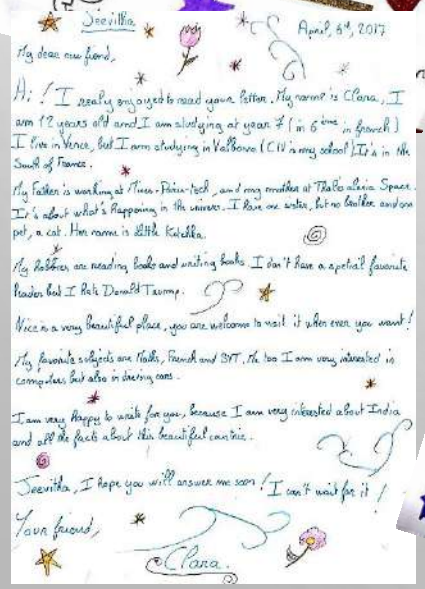
1. E-MAIL
2. VIDEO EDITING
3. PRESENTATIONS
4. SKYPE MEET

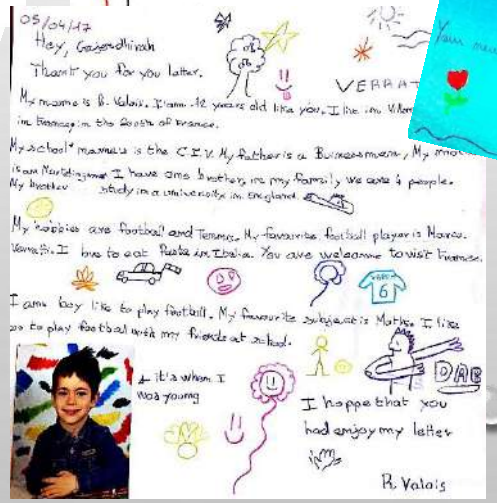
INDO FRENCH COLLOBORATIVE PROECT
LETTERS EXCHANGE

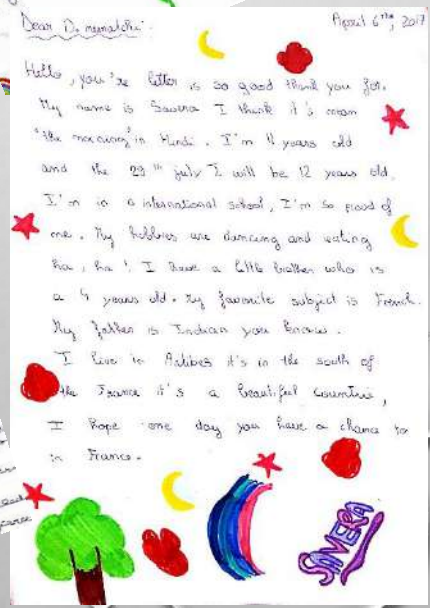






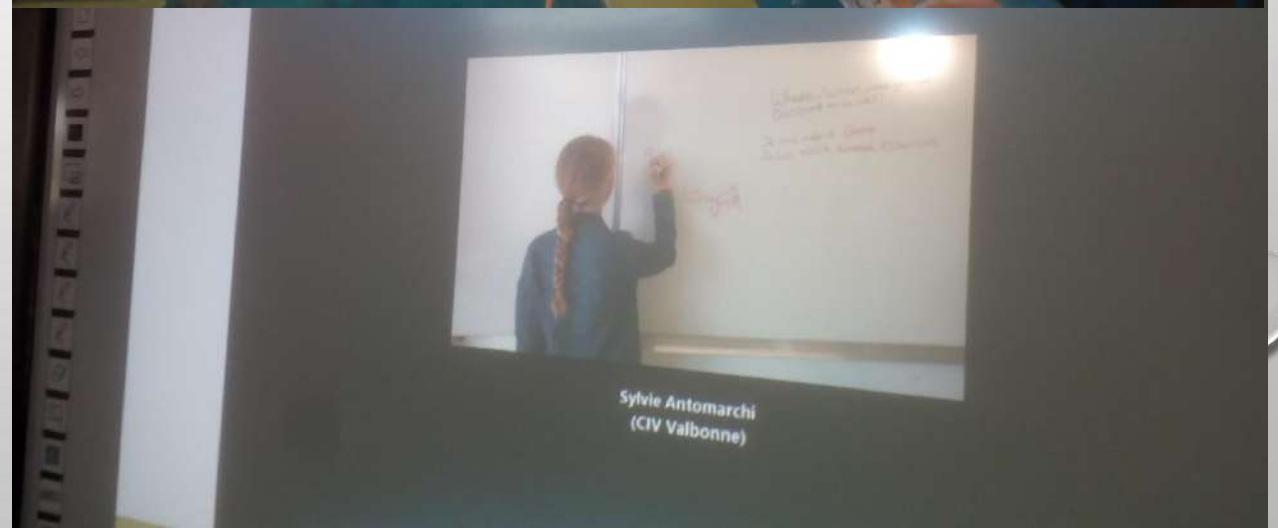






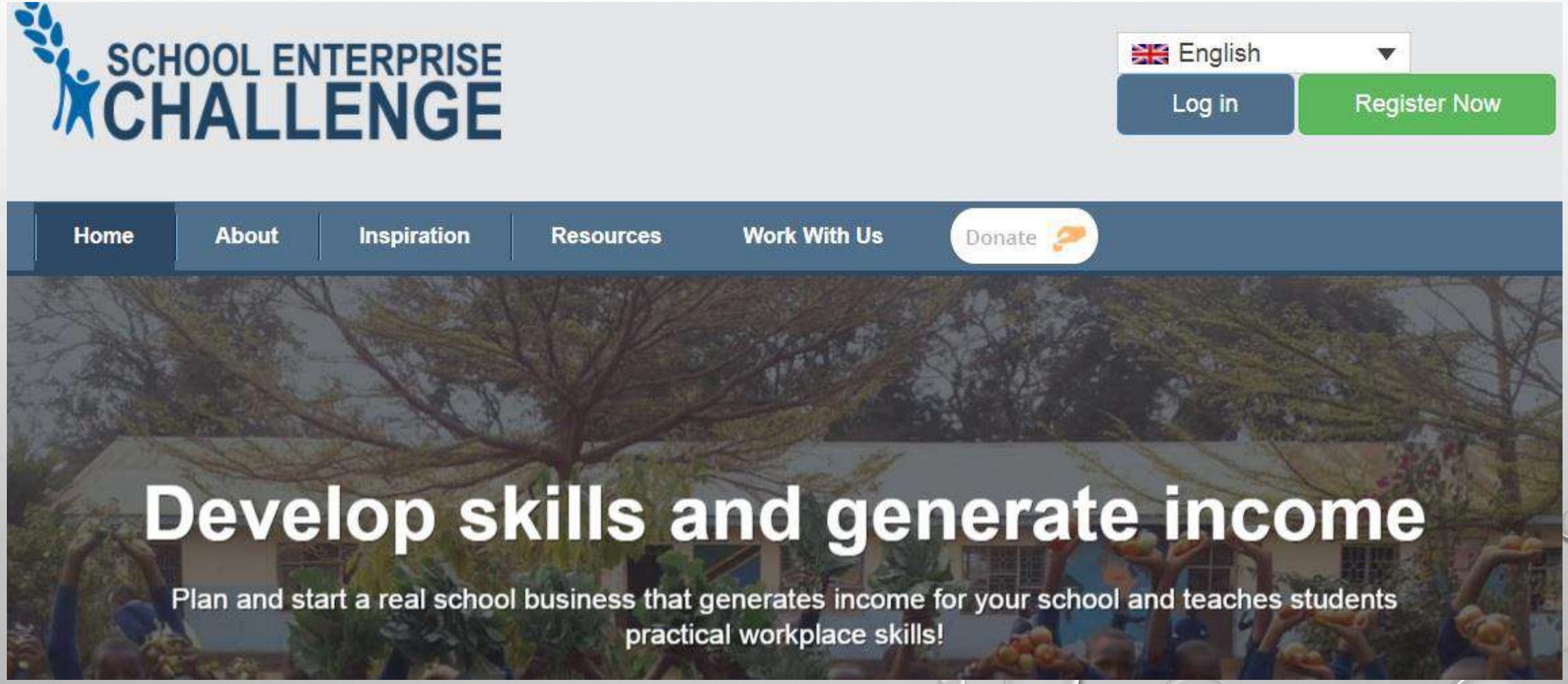
INDO FRENCH COLLOBORATIVE PROECT EXCHANAGE OF PRESENTATAIONS

SKYPE MEET

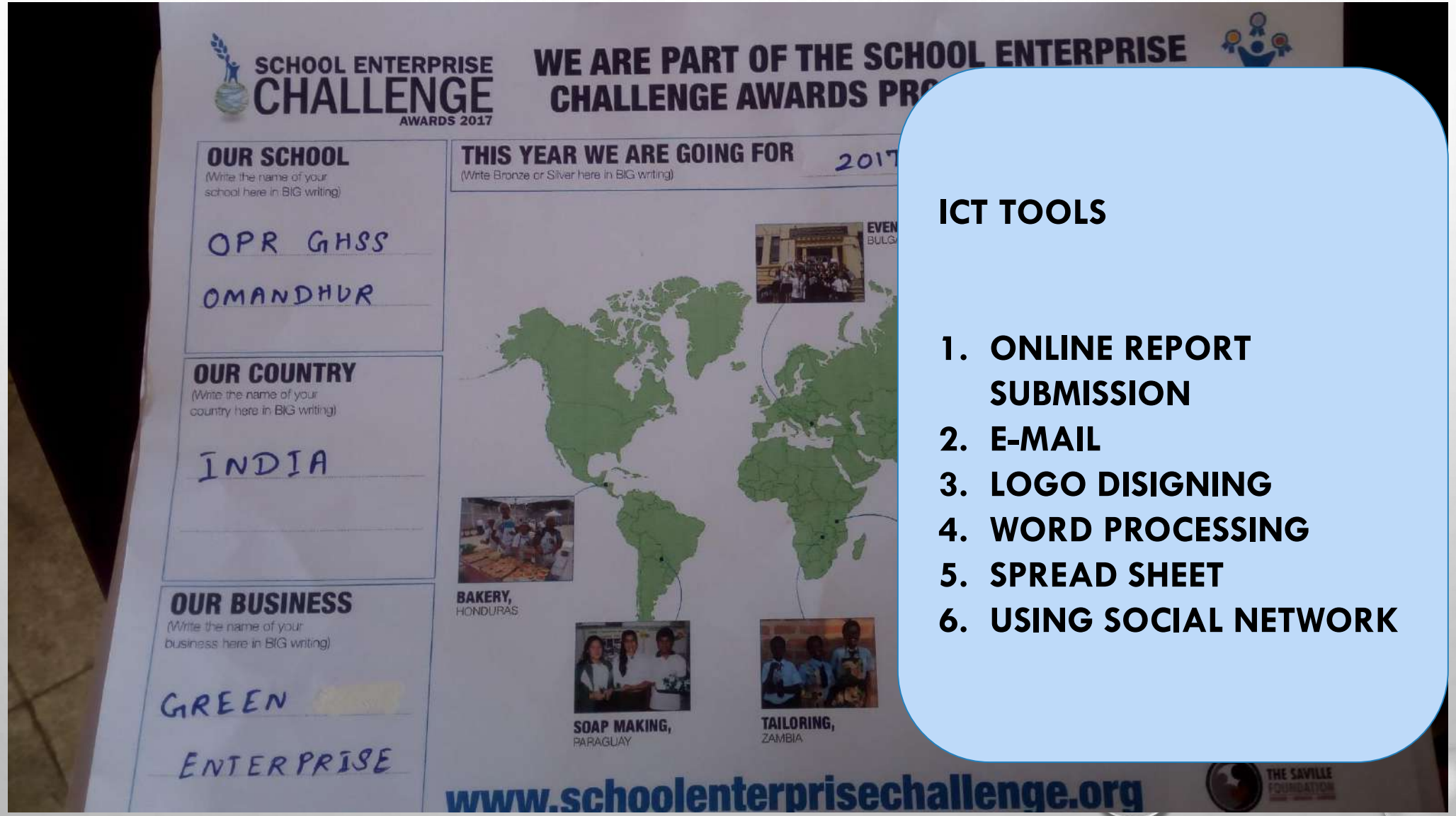


STUDENT LEADERSHIP AND PERSONAL DEVELOPMENT

GLOBAL SCHOOL ENTERPRISE ONLINE COMPETITION



OUR SCHOOL ENTERPRISE



ICT TOOLS

1. **ONLINE REPORT SUBMISSION**
2. **E-MAIL**
3. **LOGO DISIGNING**
4. **WORD PROCESSING**
5. **SPREAD SHEET**
6. **USING SOCIAL NETWORK**

OUR SCHOOL ENTERPRISE

Green School Enterprise

Stationery Shop

+

School Canteen

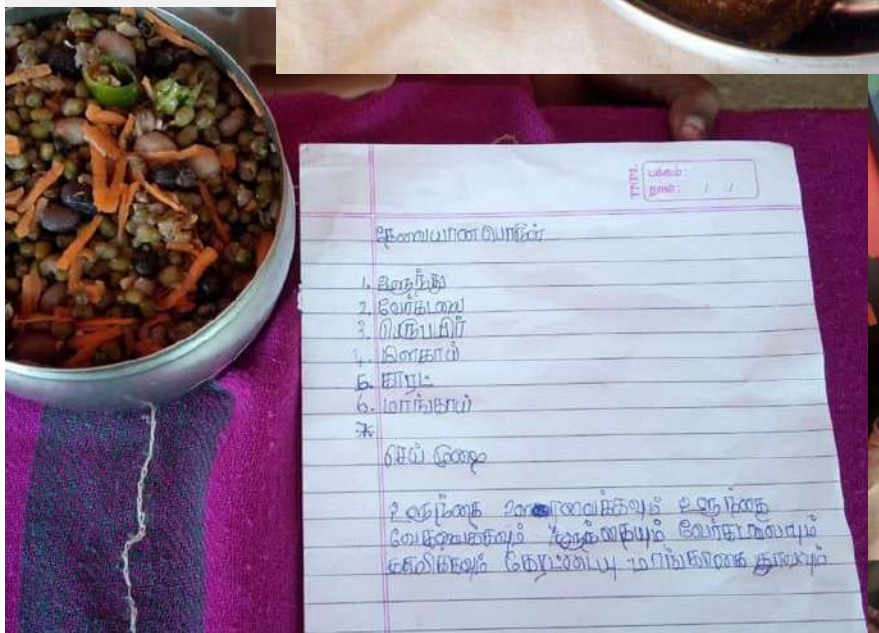
+

Organic Farming

→ Green Enterprise

SCHOOL ENTERPRISE

SCHOOL ENTERPRISE



SOCIAL NETWORK FOR SOCIAL CHANGE

SOCIAL NETWORK FOR SOCIAL CHANGE

SOCIAL NETWORK FOR SOCIAL CHANGE

E-SAFETY

European Schoolnet Academy

Better Internet for Kids

insafe

CERTIFICATE OF COMPLETION

Online Safety Course

Monday, 10th April 2017 - Tuesday, 23rd May 2017

Online safety course

European Schoolnet Academy

This is to certify that

Lazar Ramesh

has successfully completed Online Safety Course course on the European Schoolnet Academy

Brussels, 26/05/2017

Hans Martens
Course Coordinator

Marc Durando
Executive Director
European Schoolnet

Course details

Dates: Monday, 10th April 2017 - Tuesday, 23rd May 2017
Duration: 15 hours
Description: http://www.europeanschoolnetacademy.eu/web/online-safety-course
Organiser: European Schoolnet, Better Internet for Kids, Insafe

Page 1 of 3

CERTIFICATE OF COMPLETION

awarded to

V LAZAR RAMESH

for successfully completing
three hours of

Teaching for Success
Engaging with learning technologies – cyber well-being

in
the academic year 2017 – 2018

Adam Edmett
Online Teacher Development
Adviser
British Council online courses

BRITISH COUNCIL

SAFER INTERNET DAY

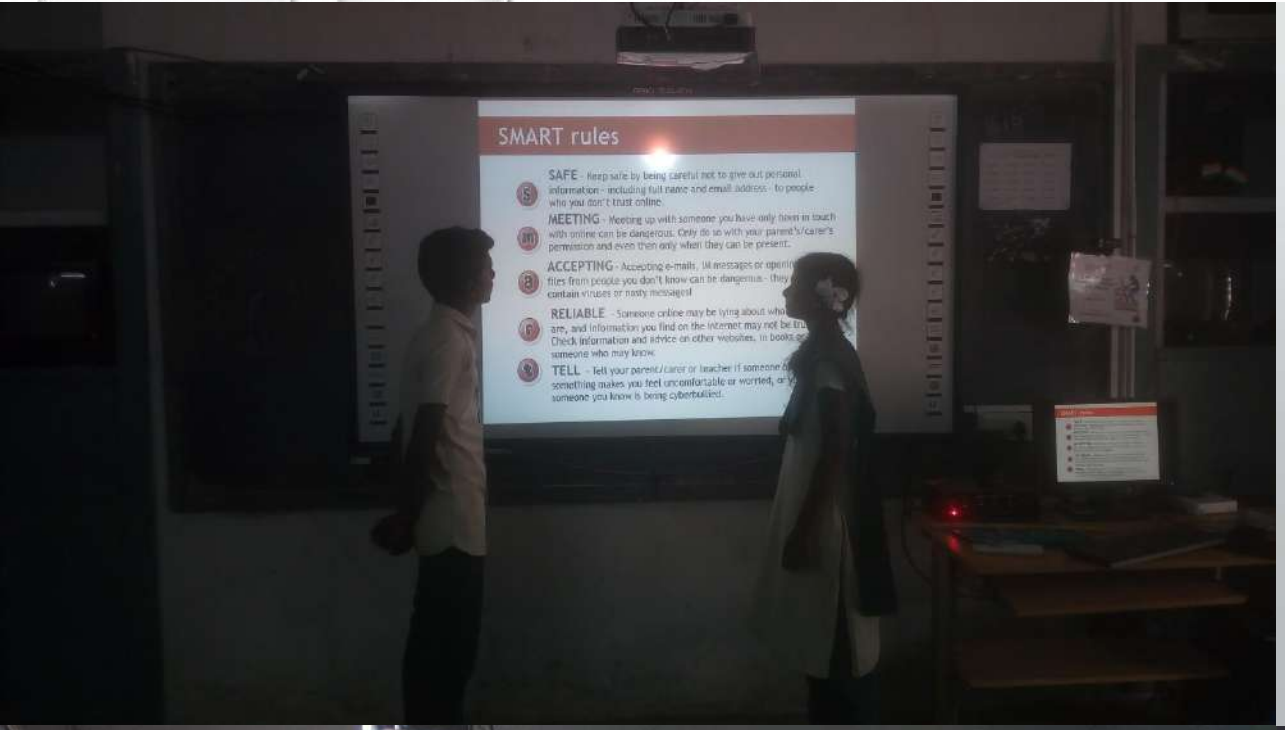
FEB. 6 - 2018

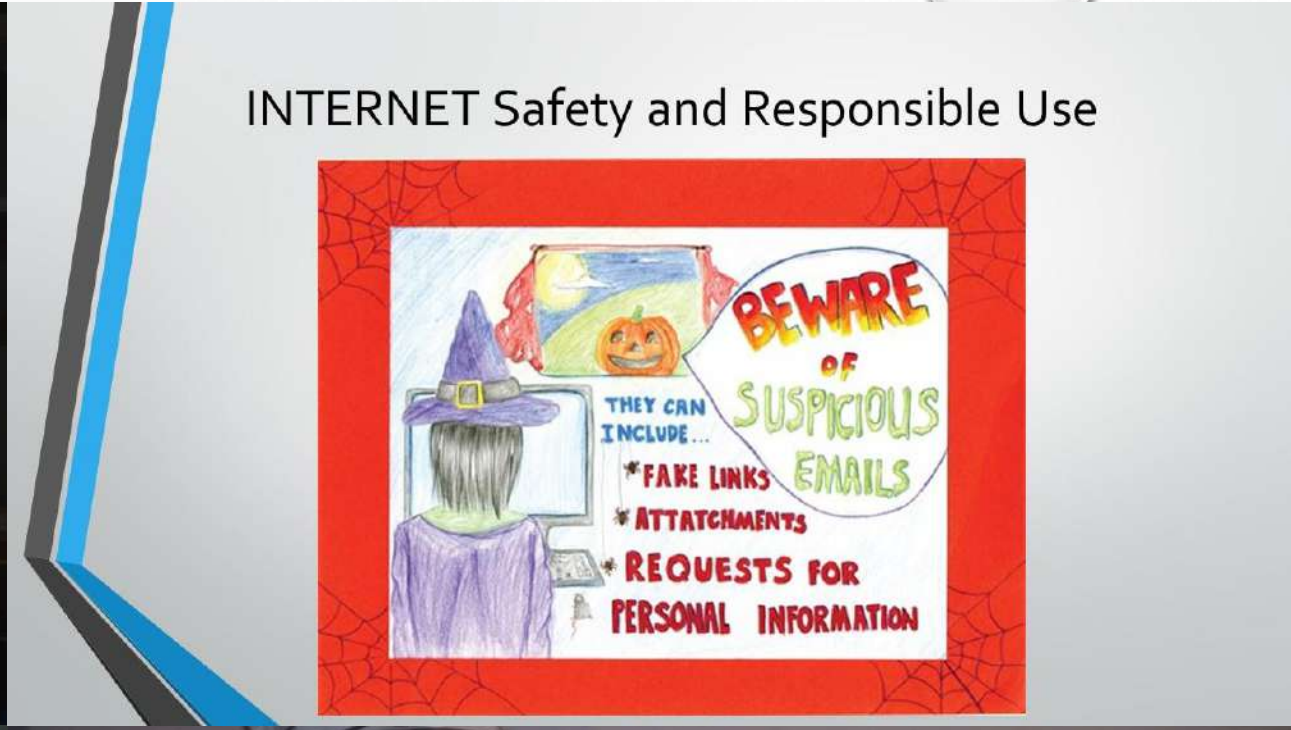
A BETTER INTERNET
STARTS WITH YOU
SAFER INTERNET DAY
இணைய பாதுகாப்பு
நாள்
CREATE CONNECT
& SHARE RESPECT

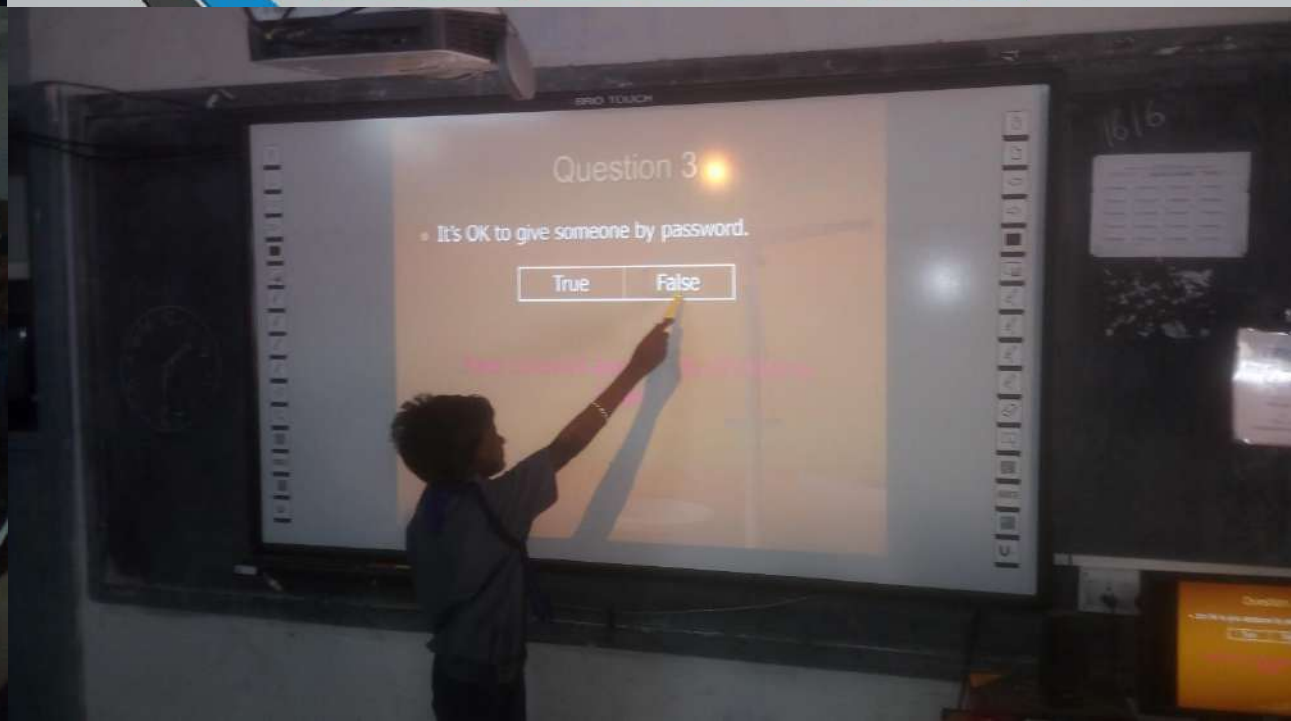
THINK BEFORE U POST
SAFER INTERNET DAY
இணைய பாதுகாப்பு
நாள்
ACCEPTING FILES
RELIABLE
DON'T MEET UP
STAY SAFE

RELIABLE
ACCEPTING FILES
DON'T MEET UP
STAY SAFE
SAFER INTERNET DAY
இணைய பாதுகாப்பு
நாள்

SAFER INTERNET DAY
இணைய பாதுகாப்பு
நாள்
CREATE CONNECT
& SHARE RESPECT
THINK BEFORE U POST
A BETTER INTERNET
STARTS WITH YOU


SMART rules
SAFE - Keep safe by being careful not to give out personal information – including full name and email address – to people who you don't trust online.
MEETING - Meeting up with someone you have only been in touch with online can be dangerous. Only do so with your parent's/carer's permission and even then only when they can be present.
ACCEPTING - Accepting e-mails, IM messages or opening files from people you don't know can be dangerous - they may contain viruses or nasty messages!
RELIABLE - Someone online may be lying about who they are, and information you find on the Internet may not be true. Check information and advice on other websites, in books or with someone who may know.
TELL - Tell your parent/carer or teacher if someone or something makes you feel uncomfortable or worried, or if someone you know is being cyberbullied.


INTERNET Safety and Responsible Use
BEWARE OF SUSPICIOUS EMAILS
THEY CAN INCLUDE...
FAKE LINKS
ATTATCHMENTS
REQUESTS FOR PERSONAL INFORMATION


Question 3
It's OK to give someone by password.
True
False

TEACHER AS A CONTINUOUS LEARNER

European Schoolnet Academy

MENTEP

CERTIFICATE OF COMPLETION

"Introducing Technology-Enhanced Teaching"

28th September 2015 - 1st November 2015

European Schoolnet Academy

This is to certify that

LAZAR RAMESH V

has successfully completed the Introducing Technology-Enhanced Teaching online course on the European Schoolnet Academy

Brussels, 1st November 2015

Caroline Kearney
Course Coordinator
European Schoolnet

Marc Durando
Executive Director
European Schoolnet

Course details

- Dates: 28th September 2015 - 1st November 2015
- Duration: 20 Hours
- Description: http://www.eunacademy.eu/web/introducing-technology-enhanced-teaching
- Organiser: EUN Partnership aisbl (known as European Schoolnet), Rue de Trèves 61, B-1040 Brussels

The MENTEP project is a European Policy Experimentation funded by the European Commission via the Erasmus+ programme. This publication reflects the views only of the authors and it does not represent the opinion of the European Commission, and the European Commission is not responsible or liable for any use that may be made of the information contained therein.

Co-funded by the Erasmus+ Programme of the European Union

European Schoolnet Academy

CO-LAB

CERTIFICATE OF COMPLETION

Collaborative Teaching and Learning

24th October 2016 - 30th November 2016

European Schoolnet Academy

This is to certify that

Lazar Ramesh

has successfully completed Collaborative Teaching and Learning course on the European Schoolnet Academy

Brussels, 28/11/2016

Caroline Kearney

Marc Durando
Executive Director
European Schoolnet

Course details

Dates: 24th October 2016 - 30th November 2016
Duration: 20 hours
Description: http://www.europeanschoolnetacademy.eu/web/collaborative-teaching-and-learning
Organiser: EUN Partnership aisbl (known as European Schoolnet), Rue de Trèves 61, B-1040 Brussels

The European Commission support for the production of this mooc does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Co-funded by the Erasmus+ Programme of the European Union

European Schoolnet Academy

eSKILLS FOR JOBS 2015

Grand Coalition for Digital Jobs

CERTIFICATE OF COMPLETION

"Developing Digital Skills in your Classroom"

14th September 2015 - 1st November 2015

European Schoolnet Academy

This is to certify that

LAZAR RAMESH V

has successfully completed the Developing Digital Skills in your Classroom online course on the European Schoolnet Academy

Brussels, 1st November 2015

Benjamin Hertz
Course Coordinator
European Schoolnet

Marc Durando
Executive Director
European Schoolnet

Course details

- Dates: 14th September 2015 - 1st November 2015
- Duration: 21 Hours
- Description: http://www.eunacademy.eu/web/developing-digital-skills-in-your-classroom
- Organiser: EUN Partnership aisbl (known as European Schoolnet), Rue de Trèves 61, B-1040 Brussels

The course is published by the Executive Agency for Small and Medium-sized Enterprises (EASME). Neither the European Commission, the EASME or other European institutions nor any person acting on their behalf is responsible for the use which might be made of the information contained herein or for any errors, which, despite careful preparation and checking, may appear. The views in this publication are those of the author and do not necessarily reflect the official position of the EASME, the European Commission or other European institutions.

eSKILLS FOR JOBS 2015

TEACHER AS A CONTINUOUS LEARNER

BRITISH COUNCIL

UKaid

CONNECTING CLASSROOMS

Professional development for teachers

ICT for International Exchange

Certificate of completion

This is to certify that

LAZAR RAMESH VALLABADOSS

completed an online course for teachers about using ICT for international exchange and collaboration.

The course covered:

- ICT for professional networking
- Getting started and getting the most out of ICT in international projects
- e-safety

Course users are asked to:

- reflect on their own professional experiences with ICT in international projects
- identify ways of developing their ICT skills to support international learning and global citizenship

Date 13th February 2015

Professor Jo Beall
Director Education and Society, British Council

www.britishcouncil.org/connectingclassrooms

Future Learn

Certificate of Achievement

Lazar Ramesh v

has completed the following course:

BECOMING A BETTER TEACHER: EXPLORING PROFESSIONAL DEVELOPMENT
BRITISH COUNCIL AND UCL INSTITUTE OF EDUCATION

This course explored the approaches, activities and practices needed to improve as a teacher. It examined areas of professional development both inside and outside the classroom that can develop your reflective skills and improve your practice in the classroom.

6 weeks, 3 hours per week

Michael Bibby
English Global Product Manager
British Council

Kim Insley
International Teacher Education: Portfolio Lead
UCL Institute of Education

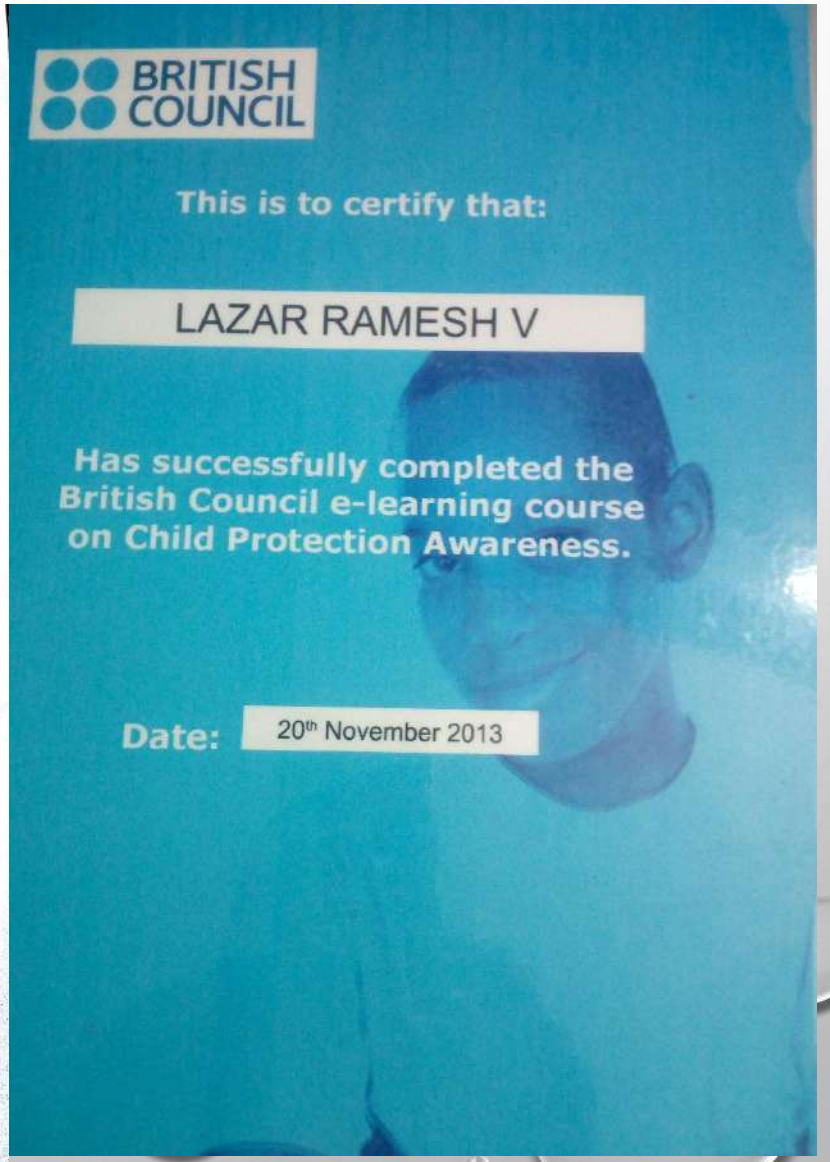
BRITISH COUNCIL

UCL Institute of Education

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This learner has not verified their identity. The certificate and transcript do not imply the award of credit or the conferment of a qualification from British Council and UCL Institute of Education.

Issued 21st March 2018. futurelearn.com/certificates/rtwmjhk



KNOWLEDGE SHARING

blog

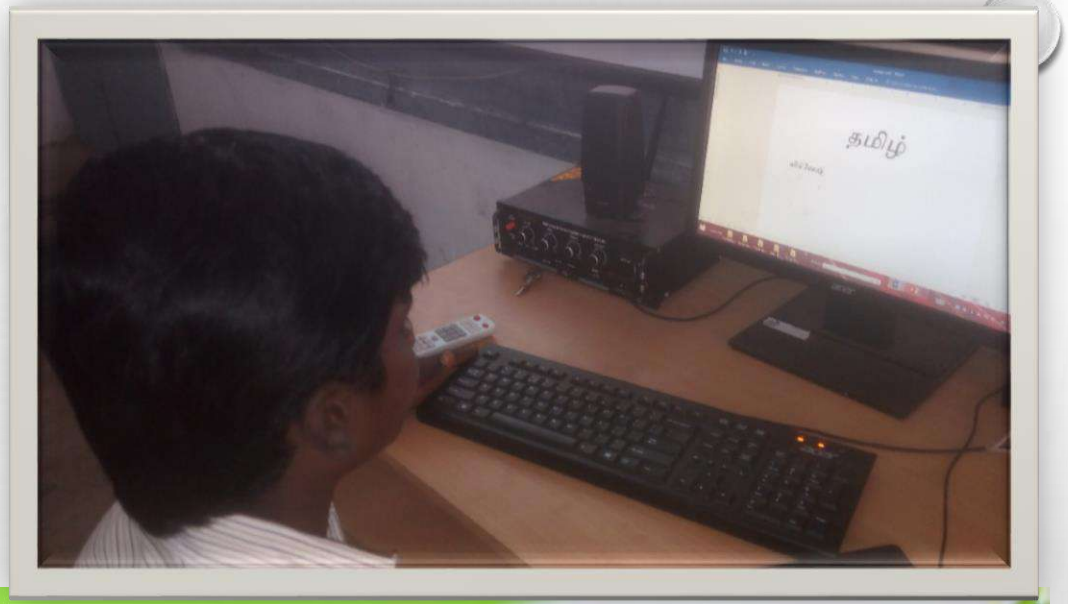
WhatsApp

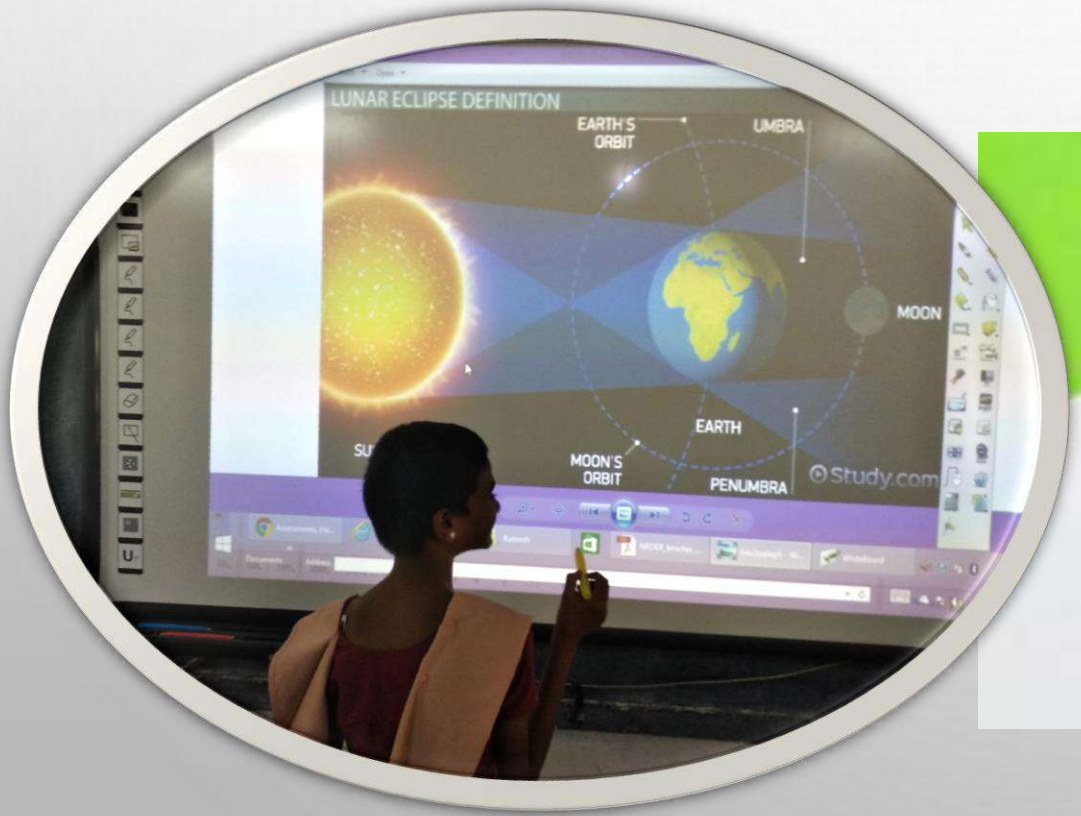
PRESENT WORKS

- DEVELOPING A MOBILE APP FOR THE COMPETITIVE EXAMINATIONS LIKE NEET
- CONTRIBUTING TO THE STATE'S NEW ICT CURRICULUM DEVELOPMENT WORK
- WORKING ON RMSA & SCERT'S "ICT TEACHERS TRAINING" PROGRAM

FUTURE PLAN

- TO TEACH ROBOTICS AT SCHOOL LEVEL
- TO DEVELOP DIGITAL MATERIALS TO SUPPORT THE NEW CURRICULUM


தமிழ்


LUNAR ECLIPSE DEFINITION
EARTH'S ORBIT
UMBRA
MOON
EARTH
MOON'S ORBIT
PENUMBRA
Study.com

Thank you!