Journey Of National ICT Awardee Teacher

Elavarasan,
Graduate Teacher,
Tamilnadu.

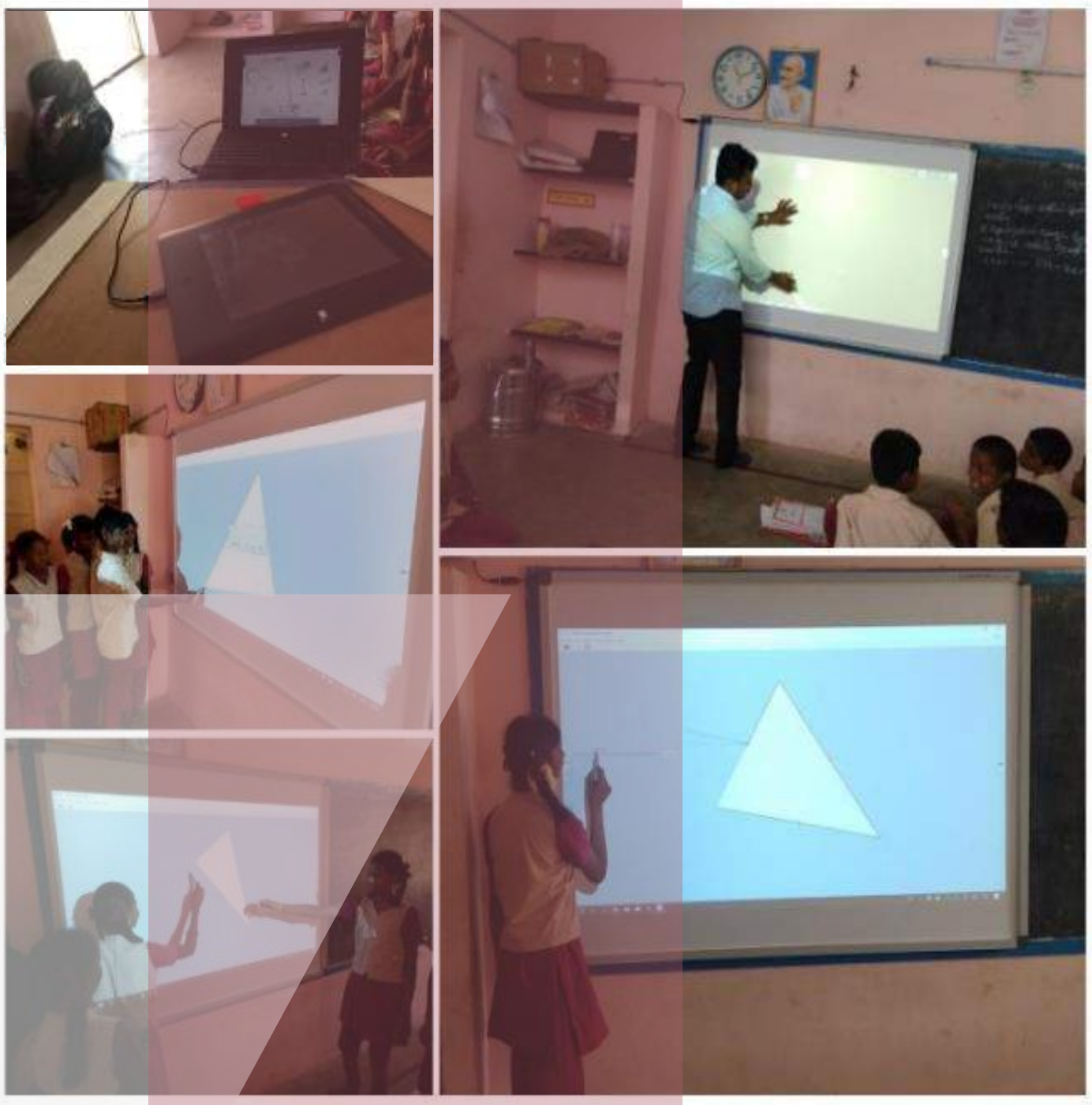
My School Environment

- A 64 year Old Govt School
- 180 Students – 7 Teachers – Rural Village

My School Team

- Teaching Secondary Classes
- Teaching Math & Social studies

Mission & Vision



My Classroom

ICT Environment

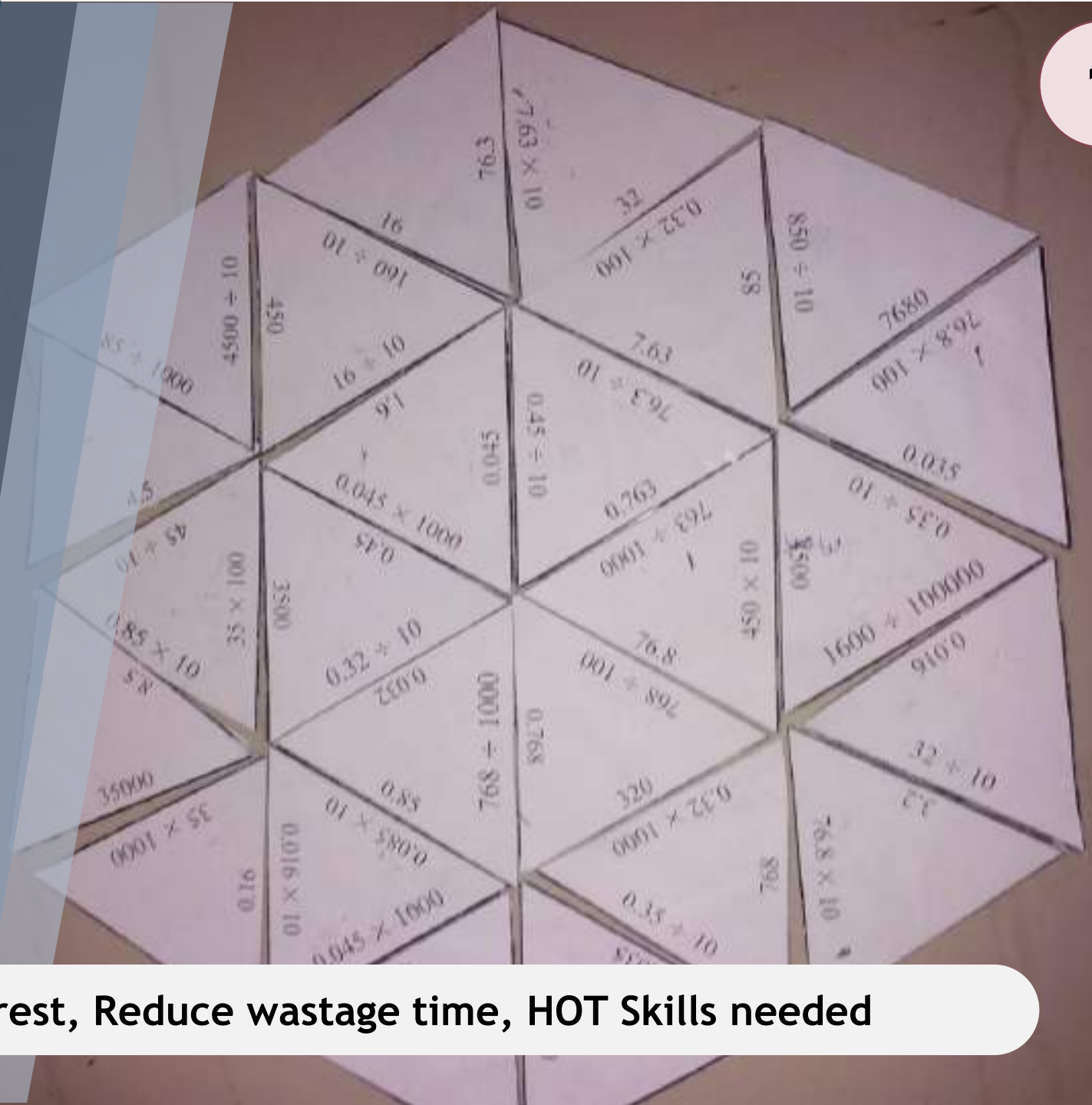
- Two Laptops
- 2 Android Mobiles
- 2 Cameras
- 1 Speaker
- 1 Smartboard
- 2 Microphones
- 6 QR Code Displays
- 1 Virtual Reality Kit
- 1 Green Screen
- 1 Focus Light
- Wifi -Connection

Use of ICT Tools

- Reduce the wastage time
- Foster self- learning
- Flexible, self-paced learning
- Higher Order thinking skills
- Provide Direct Experience
- Learning enjoyable
- Providing Individual Attention

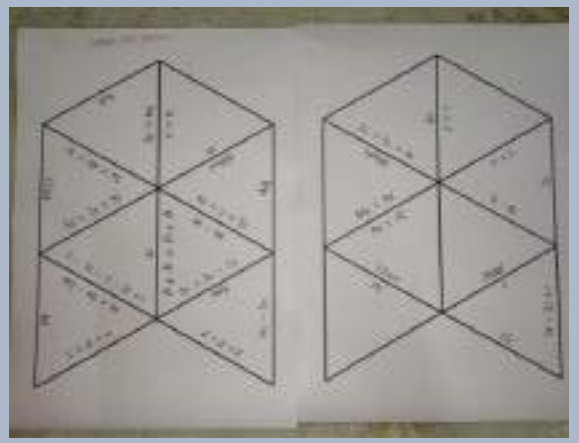
Best Use "Jig-Saw Puzzles"

4 levels of Self-arranging Jig-Saw puzzles



Solution For : Lack of Interest, Reduce wastage time, HOT Skills needed

Tarsia – A free tool



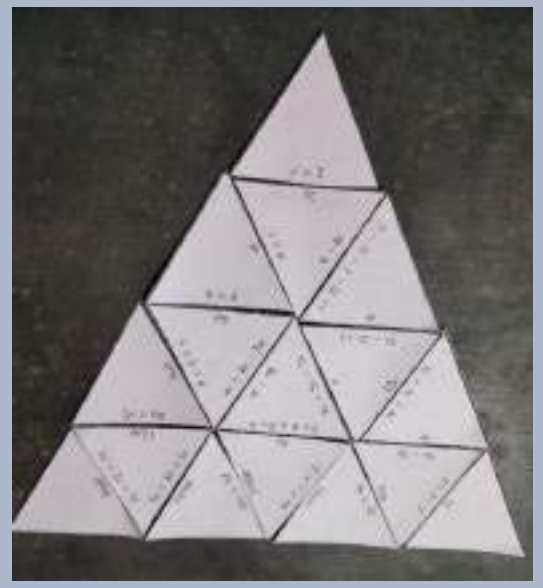
Create Puzzle &
Take Print outs

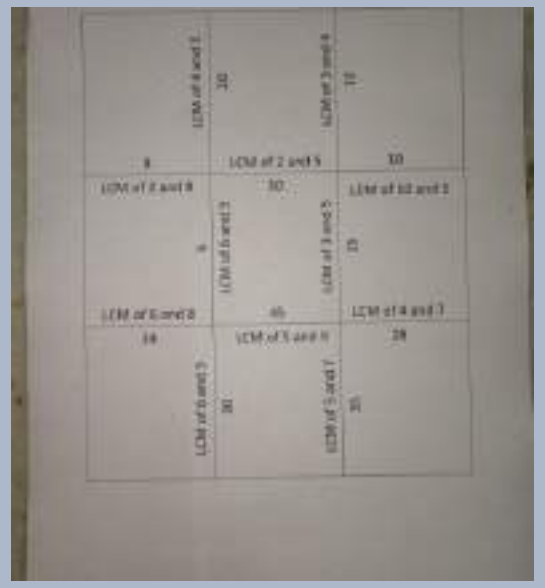
Arrange in correct
Order

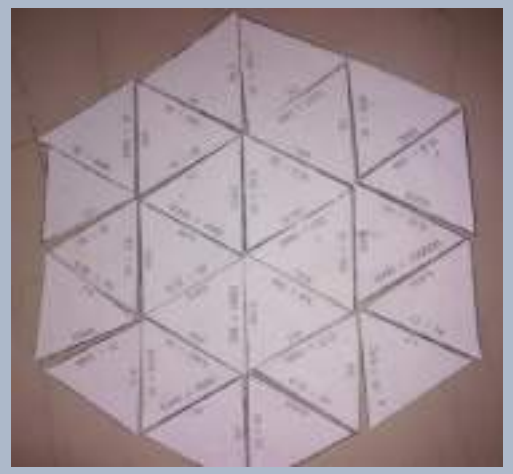
A complete Shape
will be formed

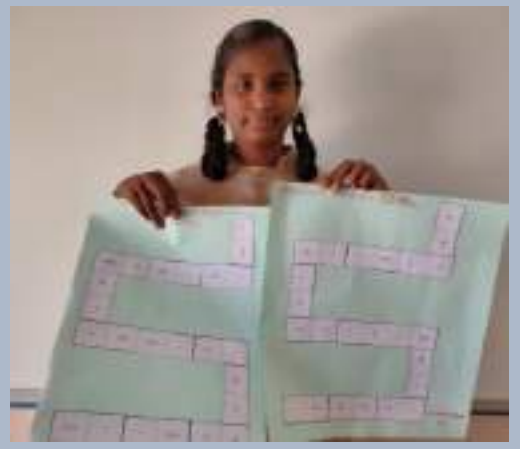
Tarsia

- 26 types of Puzzles
- Arrange, Follow me cards, Loop cards Domino etc..
- Can be given as classroom activity
- Can be give as home work

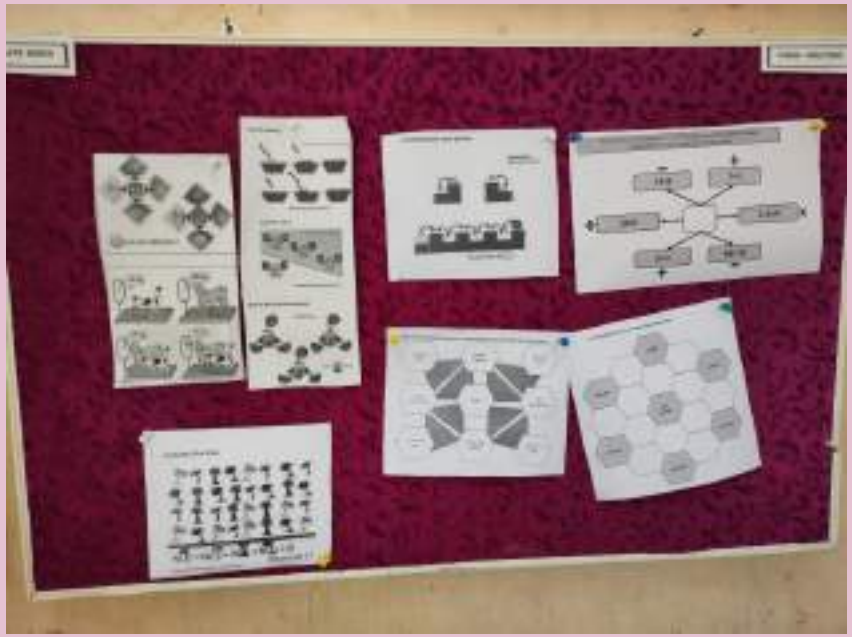


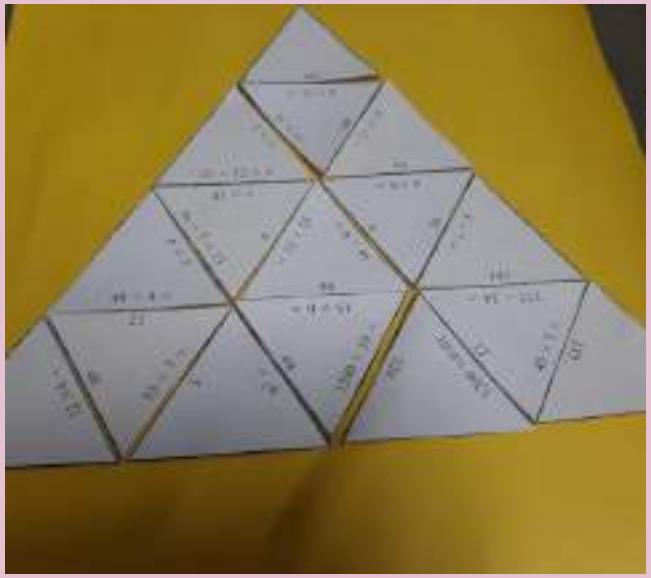


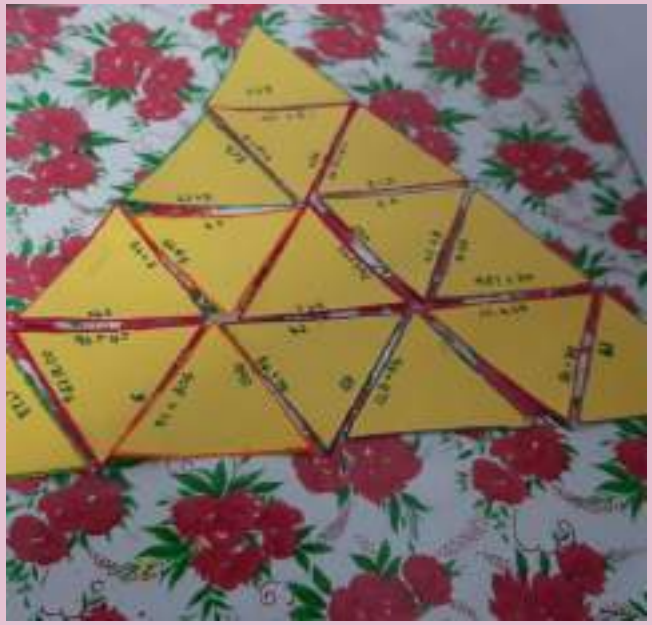


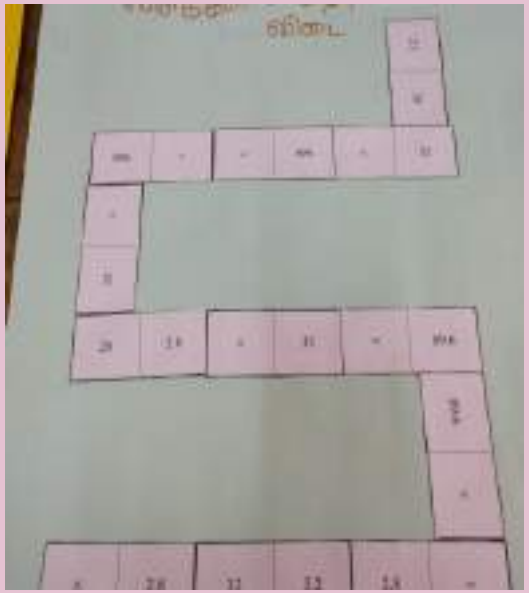


- 4 Difficulty levels
- More than 207 Created
- Shared in School Blogspot
- Given as a Activity in all subjects









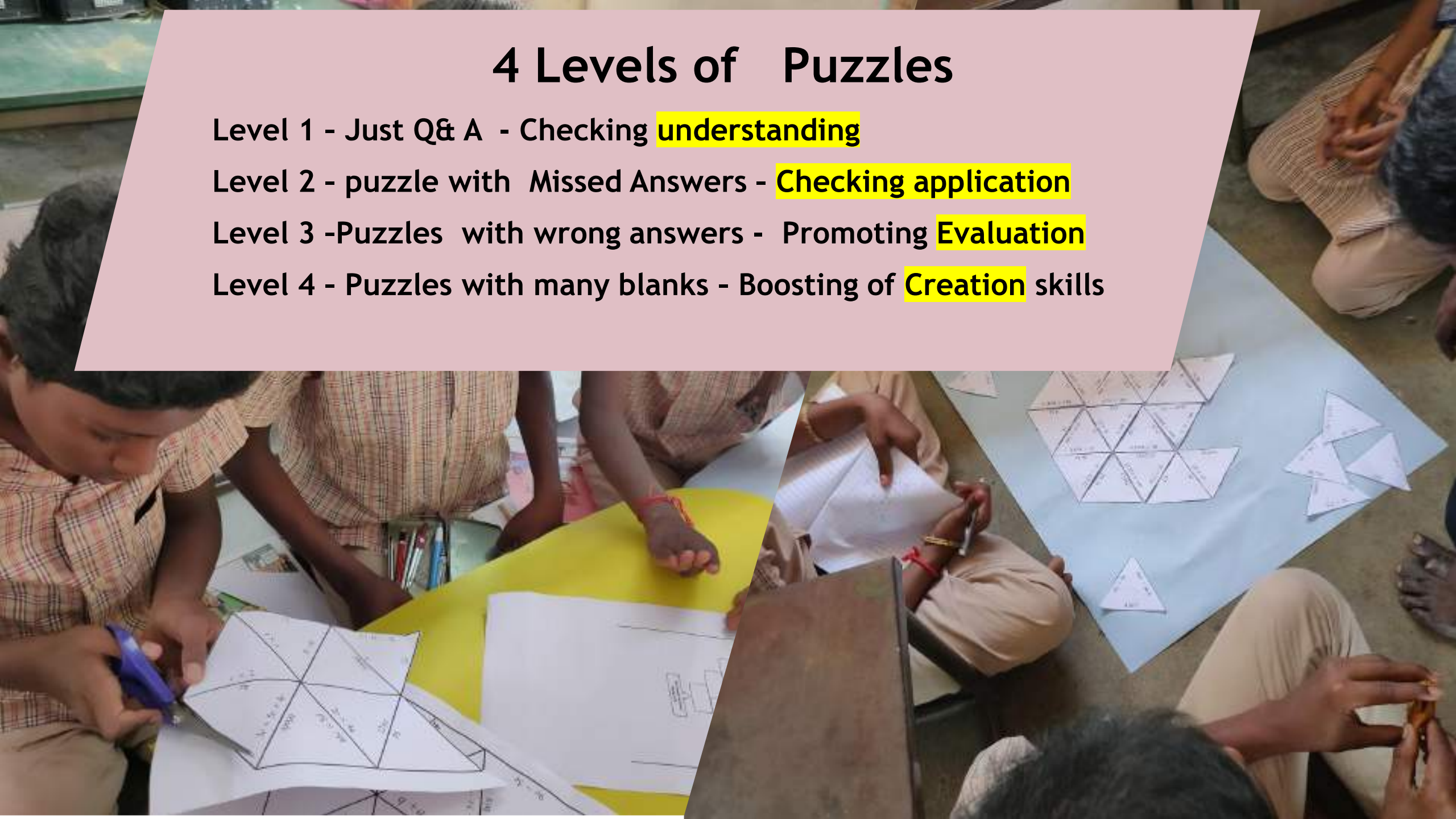
4 Levels of Puzzles

Level 1 – Just Q& A - Checking understanding

Level 2 – puzzle with Missed Answers – Checking application

Level 3 –Puzzles with wrong answers - Promoting Evaluation

Level 4 – Puzzles with many blanks – Boosting of Creation skills



Students Group Work & Self -Study

Usage – Impact - Sharing

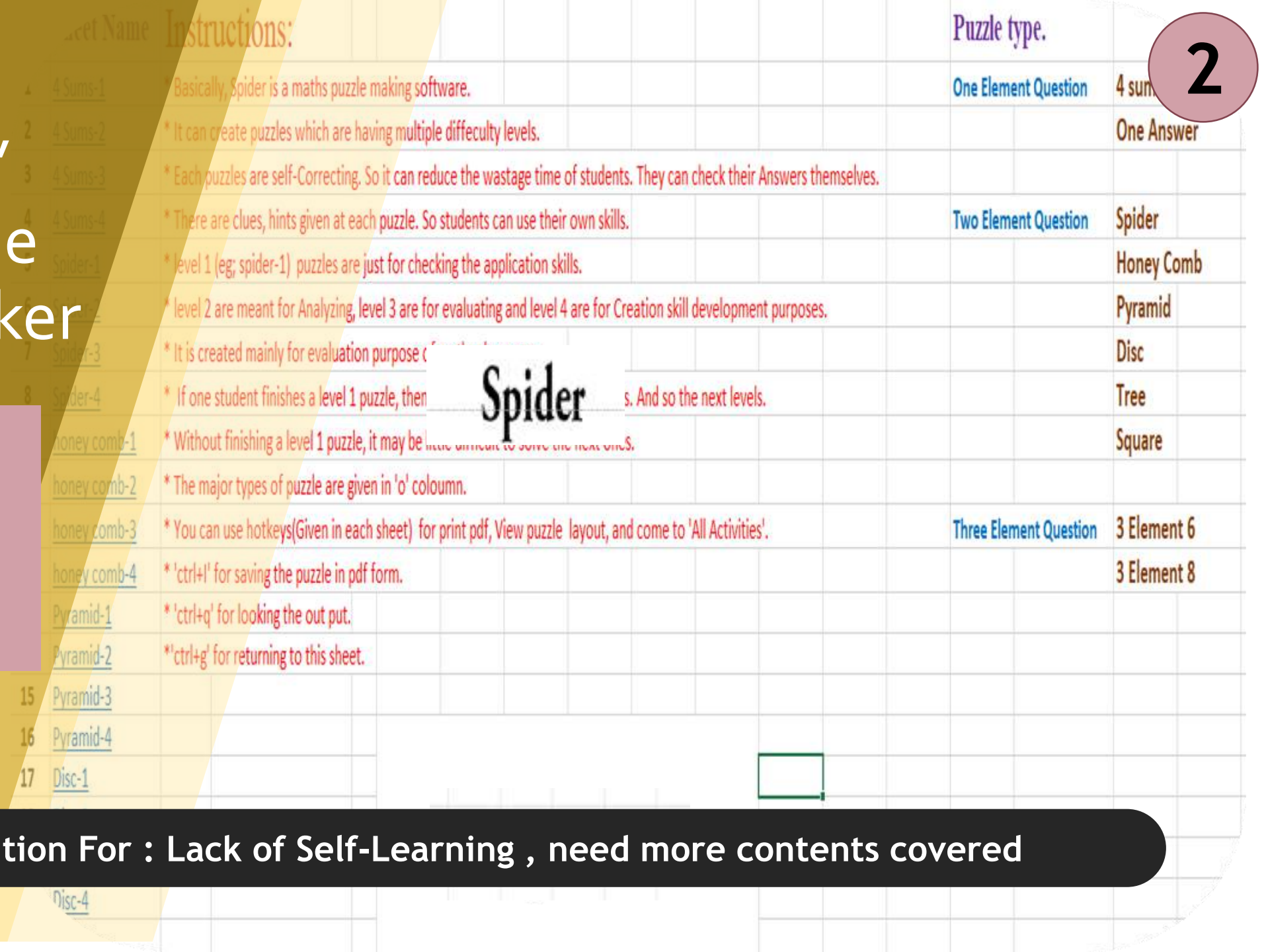
- Motivation
- Evaluation
- Reinforcement
- Follow up

- Shared in Blogspot
- Link here!
- More than 200 Puzzles created & Shared

- Attendance rate increased
- Boosting creativity
- No Wastage time

“Spider” Self-Made puzzle maker

18 different types of Puzzles for evaluation



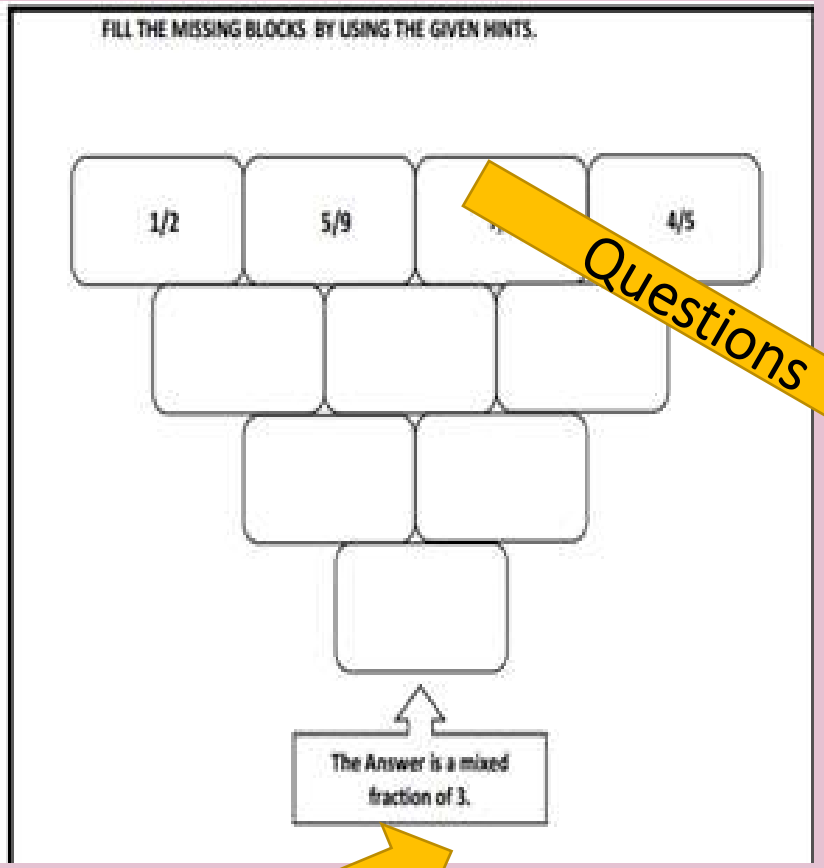
Solution For : Lack of Self-Learning , need more contents covered

Self –Created Puzzle Tool - Spider

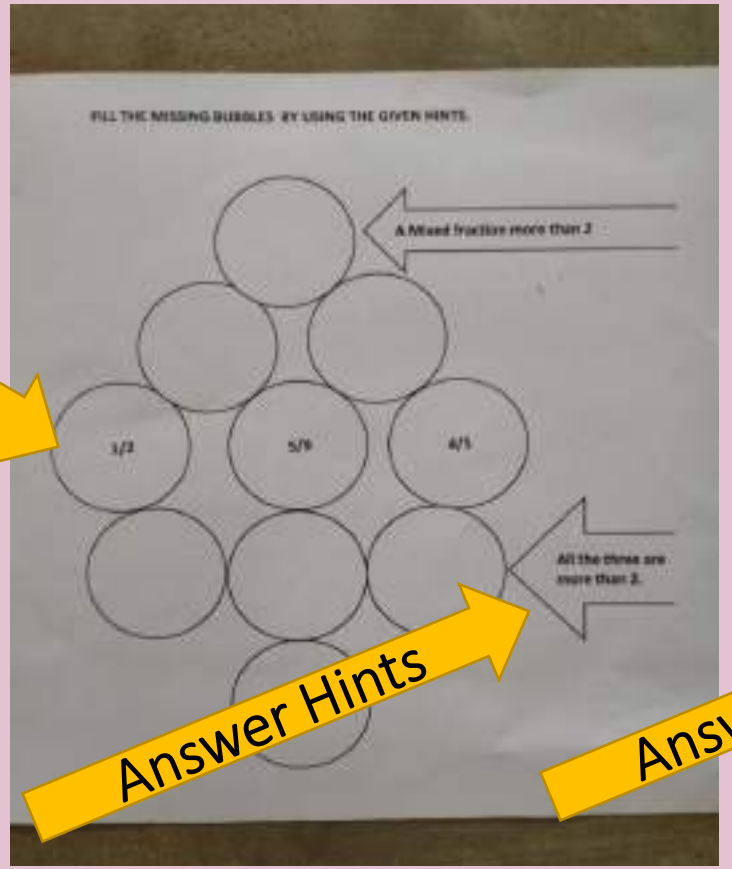
Questions + Answers

Answer Hints

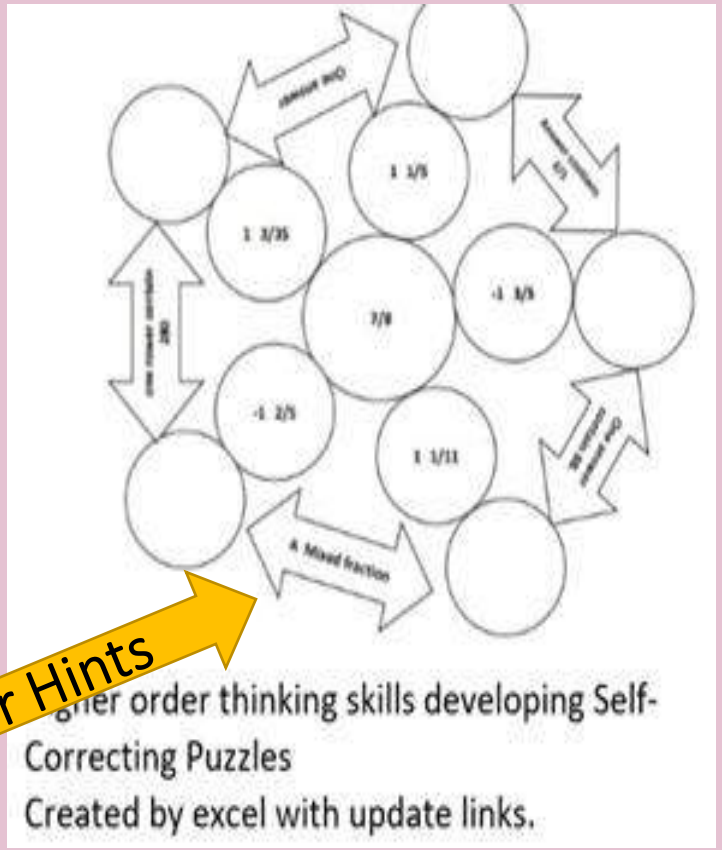
Self-Populate questions- 4 Levels of difficulties



Questions



Answer Hints



Answer Hints

Answer Hints

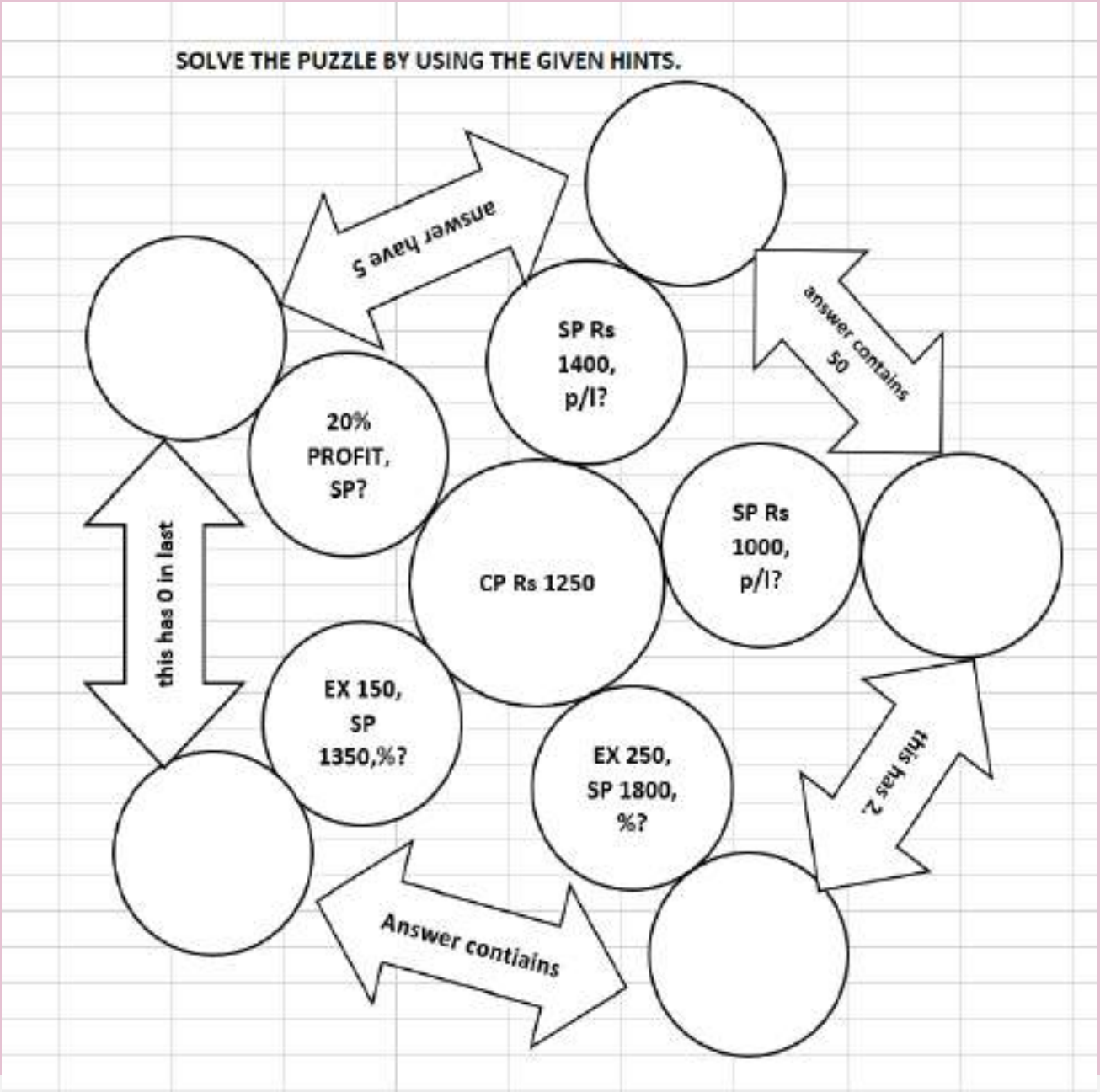
ner order thinking skills developing Self-Correcting Puzzles

Created by excel with update links.

Answer Hints given in Every Puzzle

- Flexible
- Self Corrected
- Self Study
- Bright Students Can move on without Teachers help

Higher order thinking skills developing Self-Correcting Puzzles
Created by excel with update links.
Q&A with hints for answers!



Student made Puzzles

- Complete & Go Model
- If everything is correct only 4 sums needed
- If everything is wrong 16 sums needed
- More Mistakes – More Questions to solve

choose the best nswer and follow the questions to complete the puzzle.

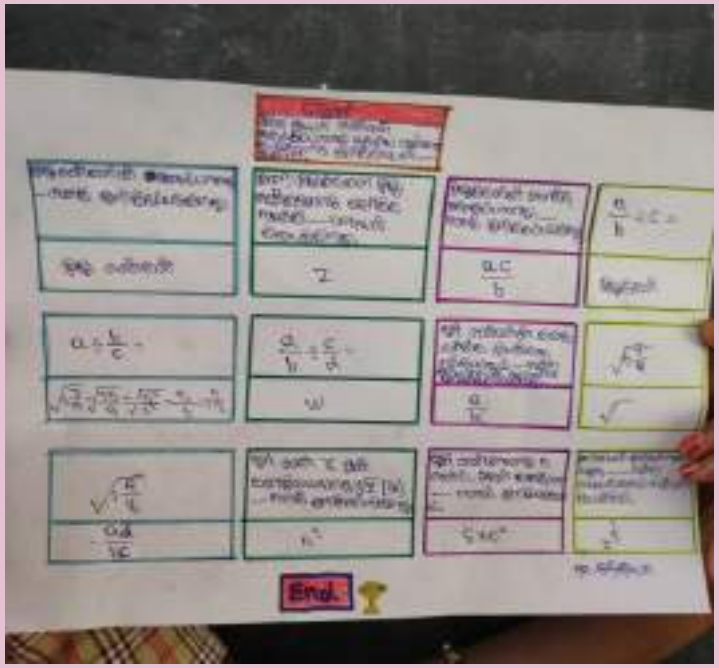
START
1.24+35.42=?

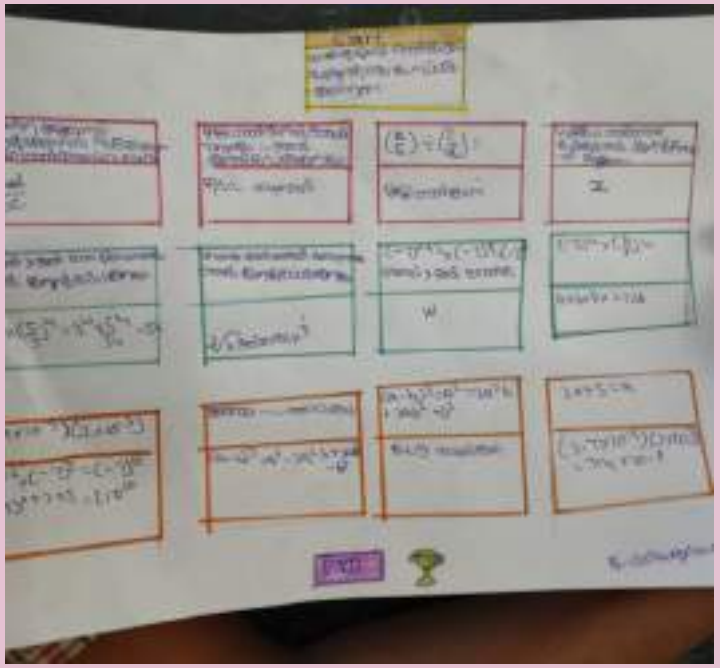
A	764.5	366.6	451.56	74.65	3.666	42.556	36.66	75.95	415.56	759.5	35.66	4155.6
Q	3.254-0.265=?			21.35+54.6=?			64.65-42.36=?			351.36+64.2=?		
A	7.783	12.29	-343.85	-52.63	29.22	-38.915	38.0664	-34.385	22.29	52.63	222.9	39.915
Q	02.265-36.65=?			12.24*3.11=?			12.1*3.6=?			-65.23-12.6=?		
A	321.64	435.6	23.123	3.22	43.65	284.13	312.642	4.356	2.846	43.56	32.1642	28.413
Q	23.1*1.23=?			1.002*32.1=?			1.623/3=?			124.5/5=?		
A	35.35	2.49	1.862	24.9	0.8625	3.5345	35.345	25	86.25	34.25	249	8.625
Q	3.654/5=?			END			3.45/4=?			7.069/2=?		

* find the answer and follow the questions.

Students Creation and sharing

“4 sums“ - Motivates to complete correctly





Reflections about puzzles usage from

Co- Educators

Students

Parents

Video of Reflections in : [Drive link]

Usage - Impact - Sharing

- Self Study
- Evaluation
- Reinforcement
- Follow up

- Attendance rate increased
- Boosting creativity
- No Wastage time
- Everybody
- participated

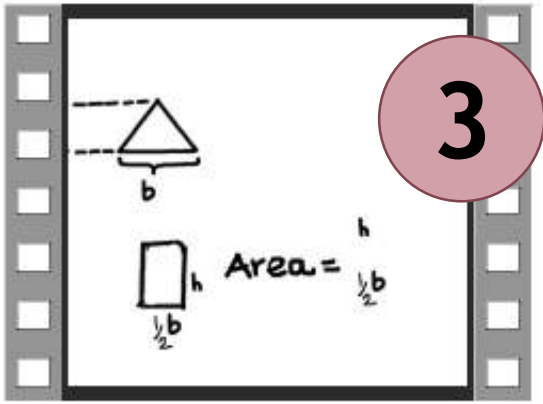
- Shared in Blogspot
- Link here!
- More than 200 Puzzles created & Shared

Math Formula Cartoons

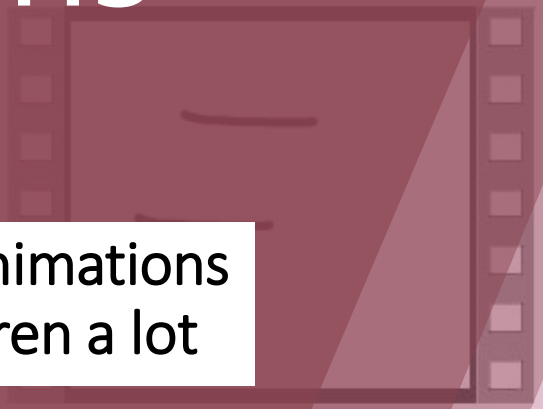
Cartoons & Animations attracts children a lot

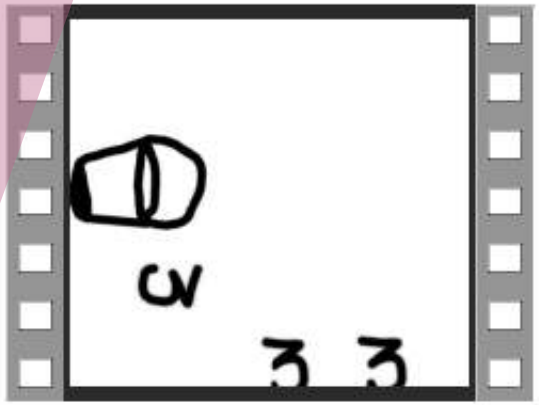
Algebra addition.mp4

area of triangle2.mp4

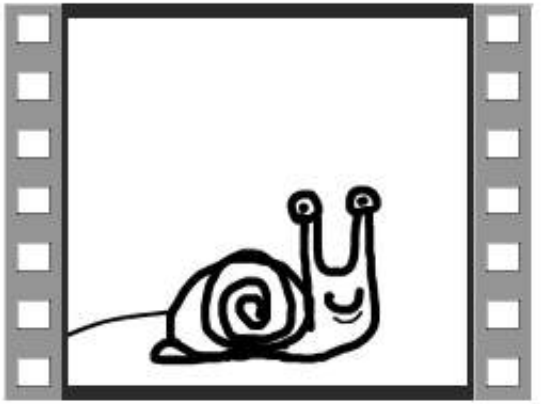


area of triangle.mp4

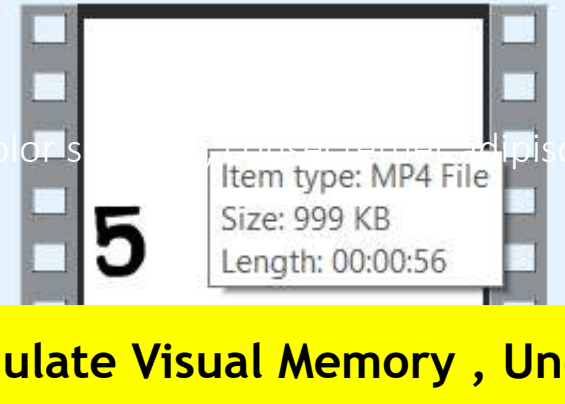

Copy of rhombus area.mp4



exponants rule 1.mp4


exponants rule2.mp4

inverse fractions.mp4

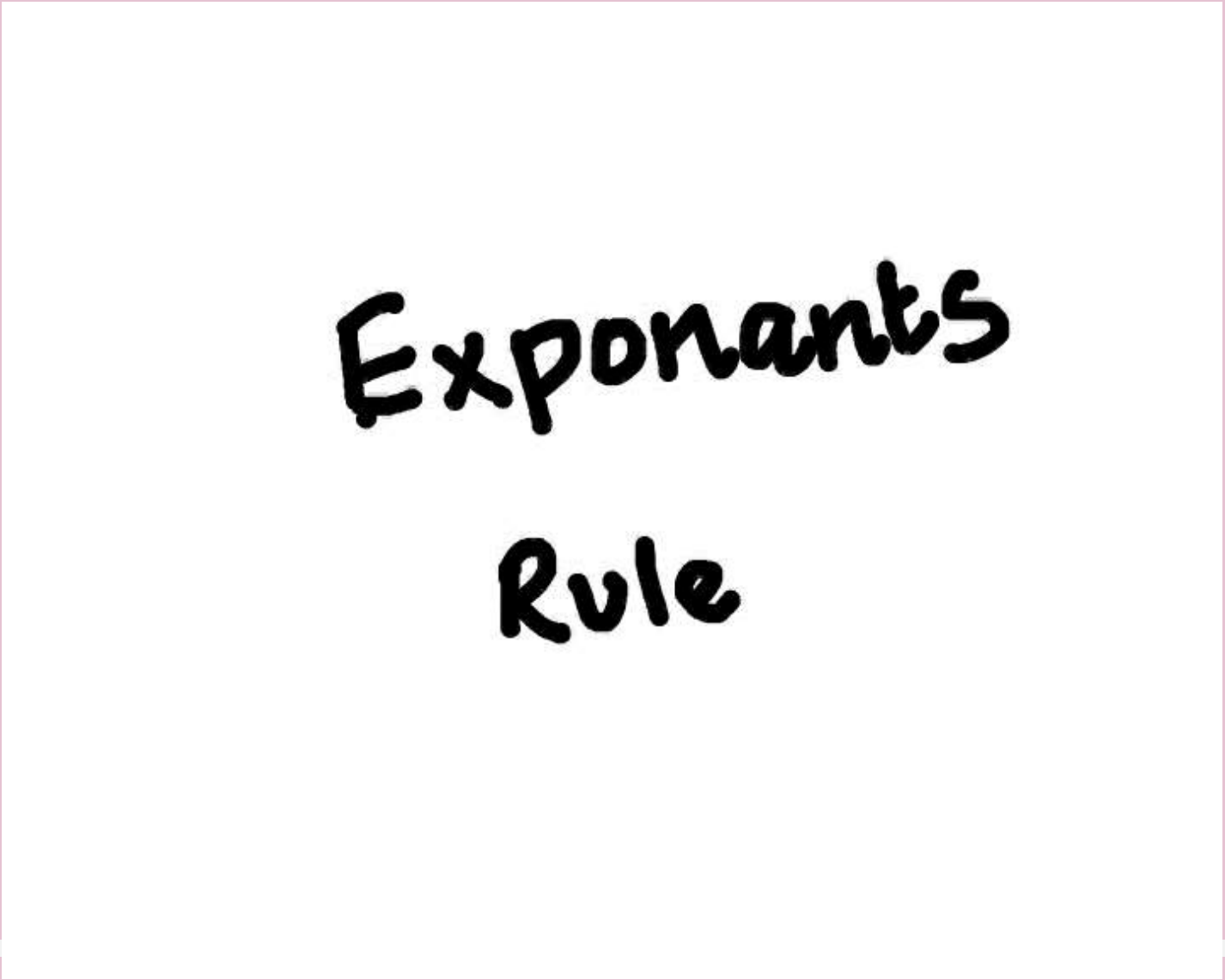


mixed fractions12.mp4

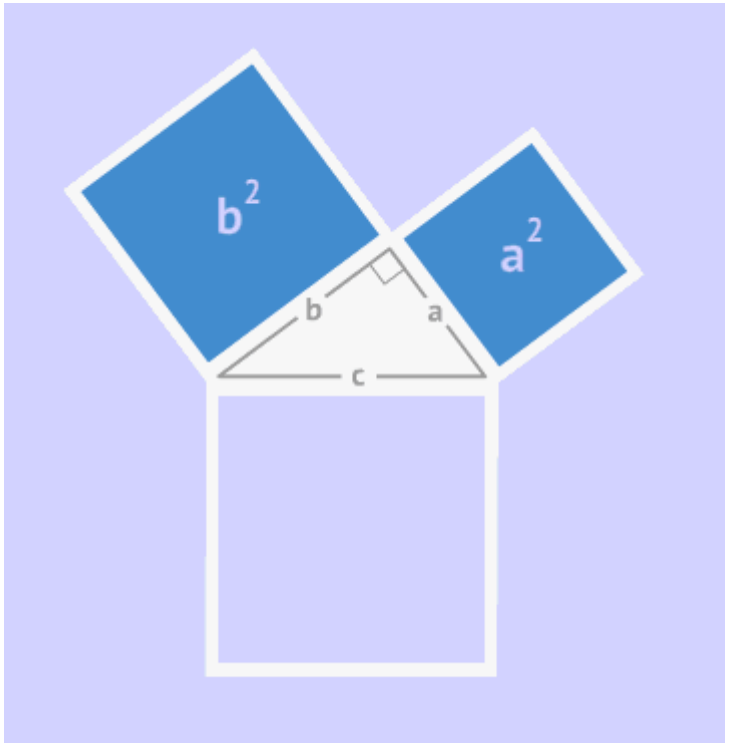
parallegrom area.mp4

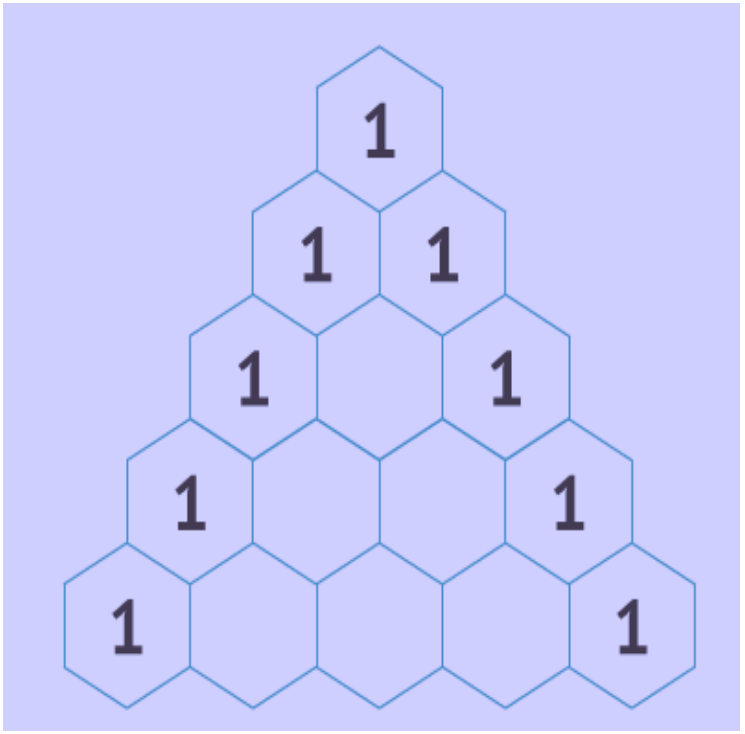
Solution For : Stimulate Visual Memory , Understanding

Exponents Rule - Sample



Geogebra Animations

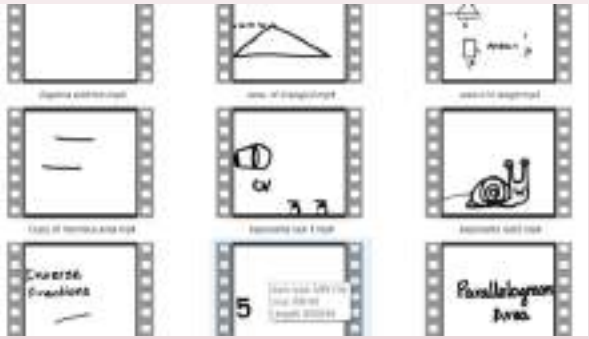


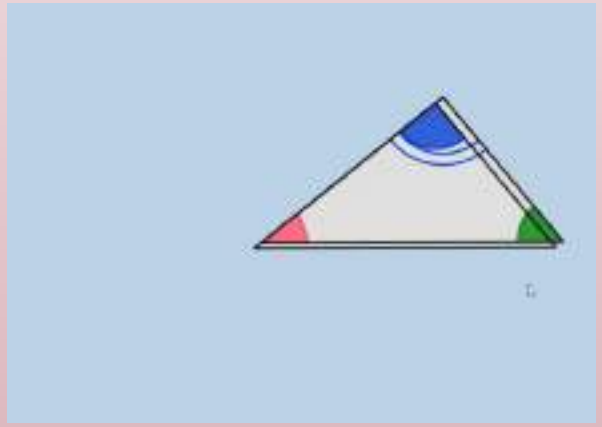


Collected and share 100s of animations in school blog

Topics Covered

- ❑ Geometry
- ❑ Fractions
- ❑ Life Mathematics
- ❑ Area & Perimeter
- ❑ And many





Included in

- ❖ Motivation
- ❖ Reinforcement
- ❖ Follow up
- ❖ Evaluation

Created Through free resources

→ Plastic Animation Paper

→ Geogebra

Cartoons & Animation – Easy to remember

Usage - Impact - Sharing

- Math formula memorization
- Concept understanding
- Revision made easy

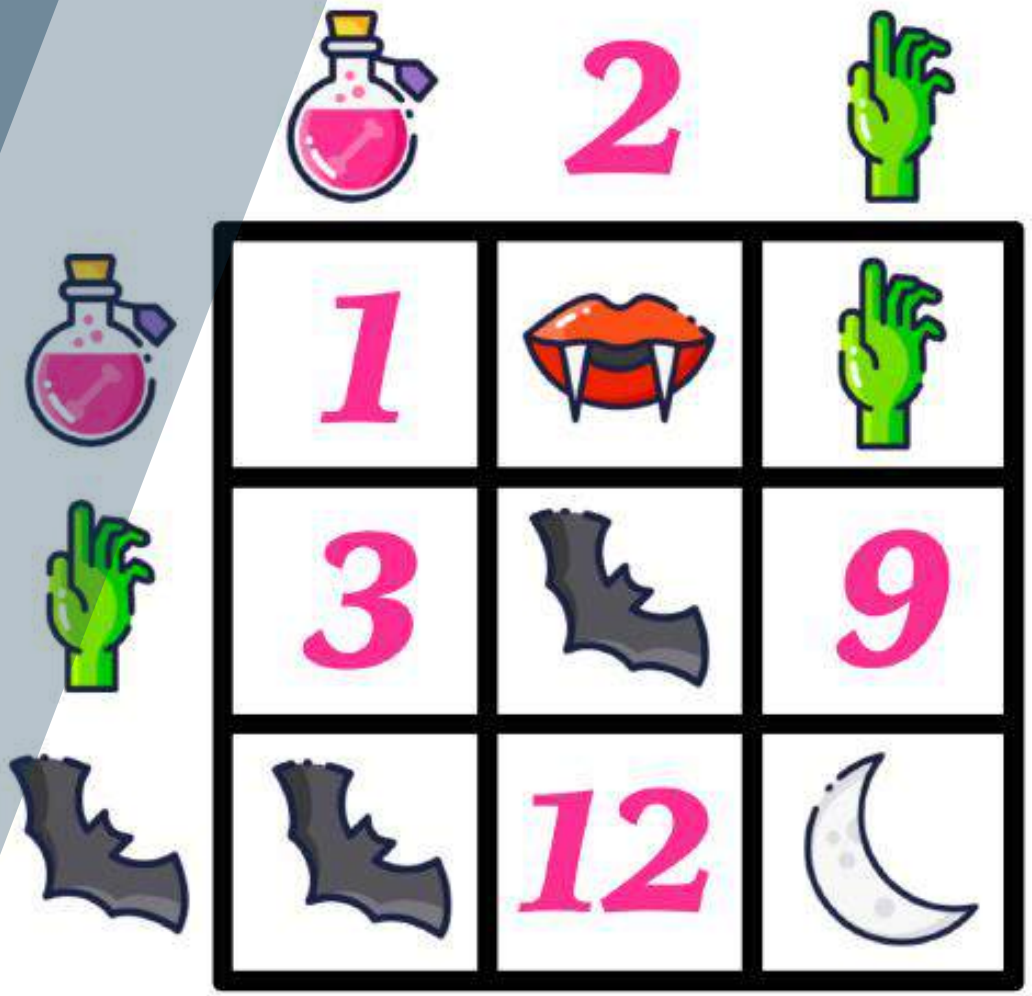
- Attractive
- Student participation
- Participation rate increased

- Shared in Blogspot
- Link here!
- More than 100 animations collected, Created and shared

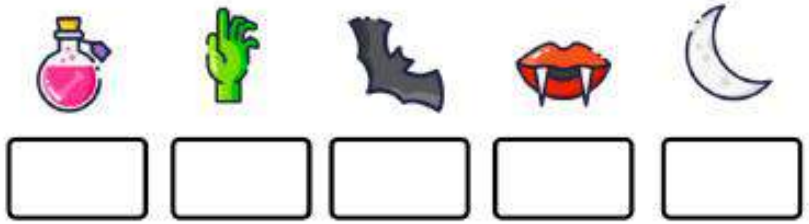
Math – Rebus Concept

Turn the question into a picture

And arouse the curiosity!



Solution For : promoting Silent thinking, Math attitude

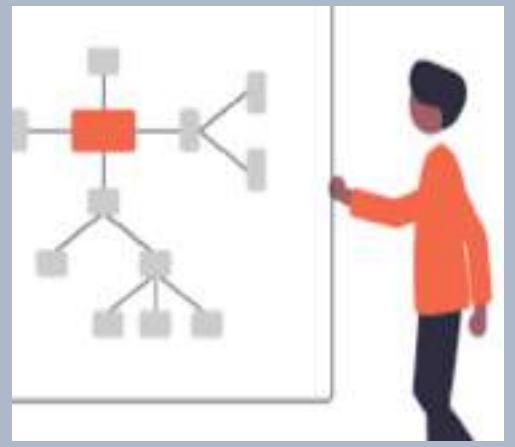


Rebus – Concept of saying info through Pictures

If one house is built by 8 labors in 80 days, Then how many days needed To build 3 houses?

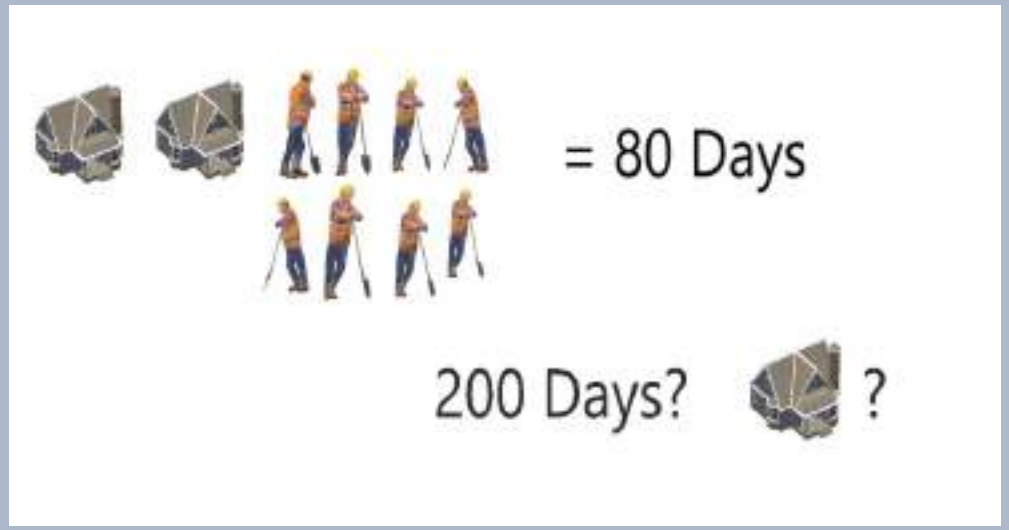
Usual questions

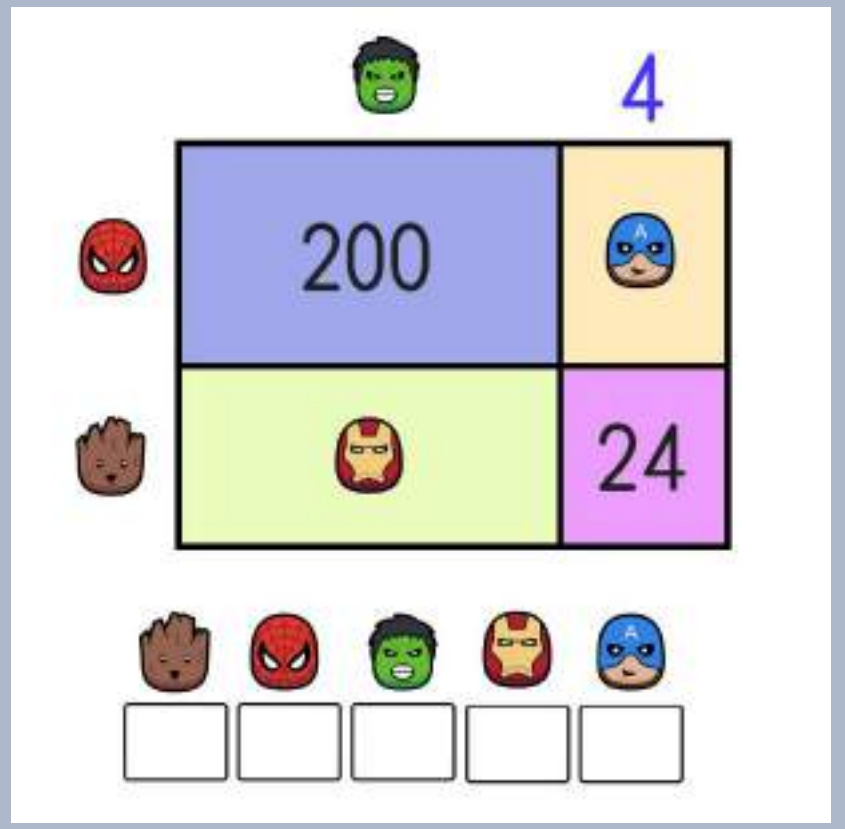
Pictures used for words

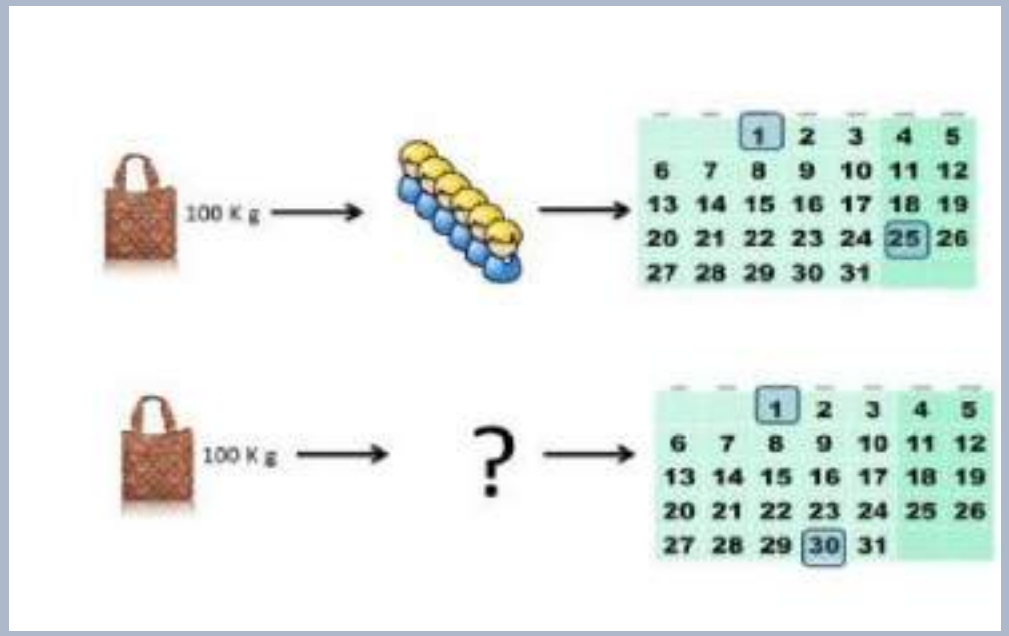


Non verbal thinking improved

Algebra, Variations and Motivation Concepts

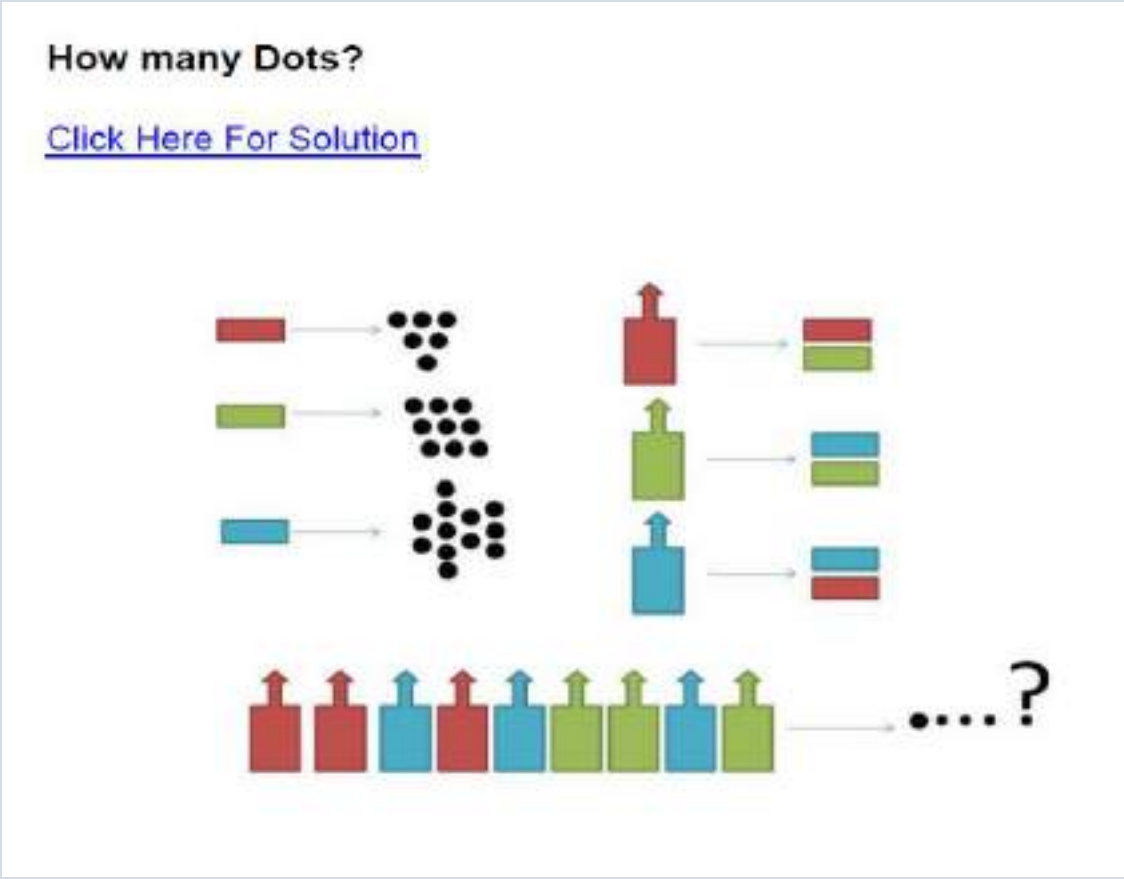






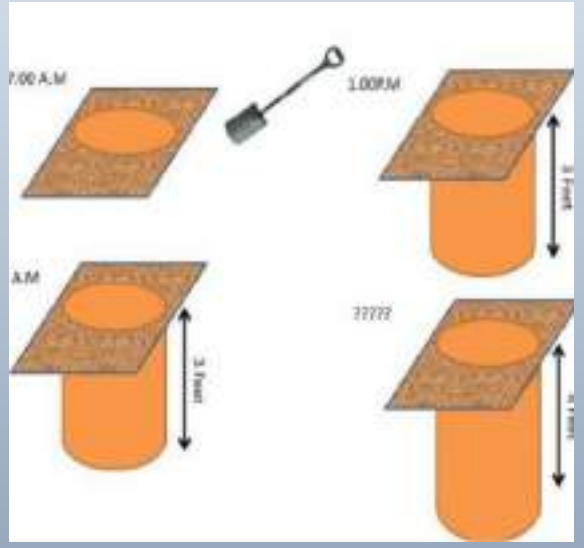
Rebus-Library Created shared in School website

www.tnblackboard.com



Topics Covered

- ❑ Algebra
- ❑ Variations
- ❑ Life Mathematics
- ❑ Area & Perimeter
- ❑ Angles
- ❑ Brain Teasers



Included in

- ❖ Motivation
- ❖ Reinforcement
- ❖ Follow up
- ❖ Evaluation

Created Through free resources → Paint, Tux paint

Math Rebus- Pictures –> Non Verbal Thinking

Usage – Impact - Sharing

- For quick understanding
- Concept understanding
- Revision made easy

- Attractive
- Student participation
- Participation rate increased

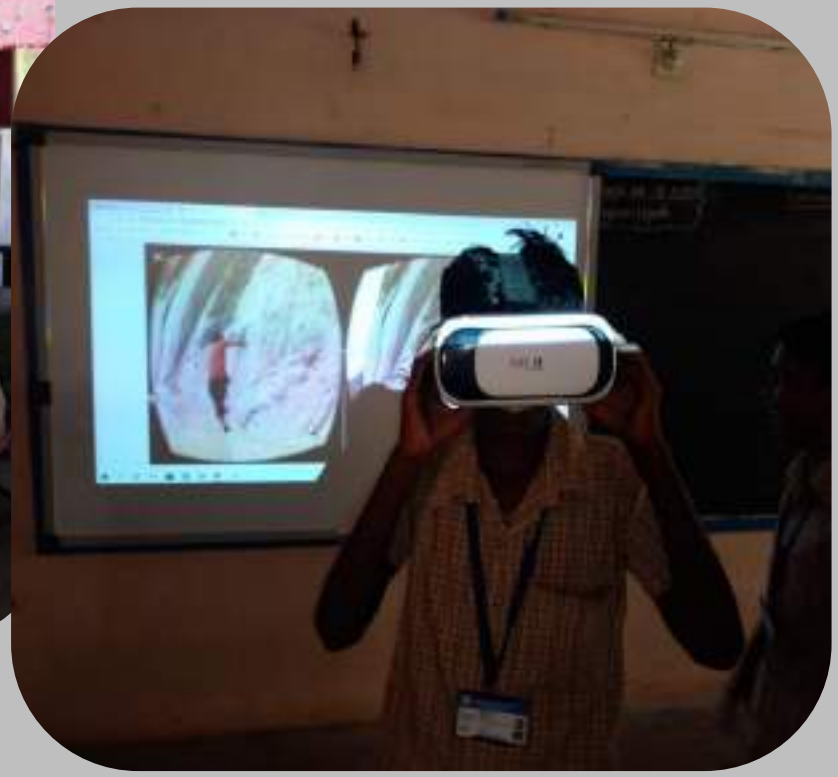
- Shared in Blogspot
- Link here!
- More than 100 math-Rebus created & Shared

Virtual Reality Kit Usage - Google VR Places

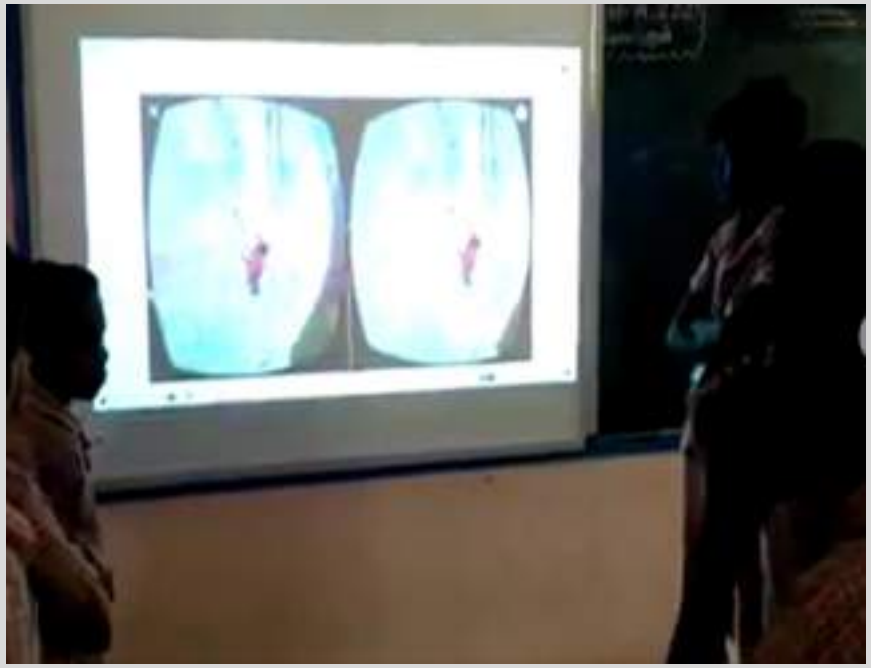
For Historical & Geographical Concepts

Solution For : Provide Direct Experience

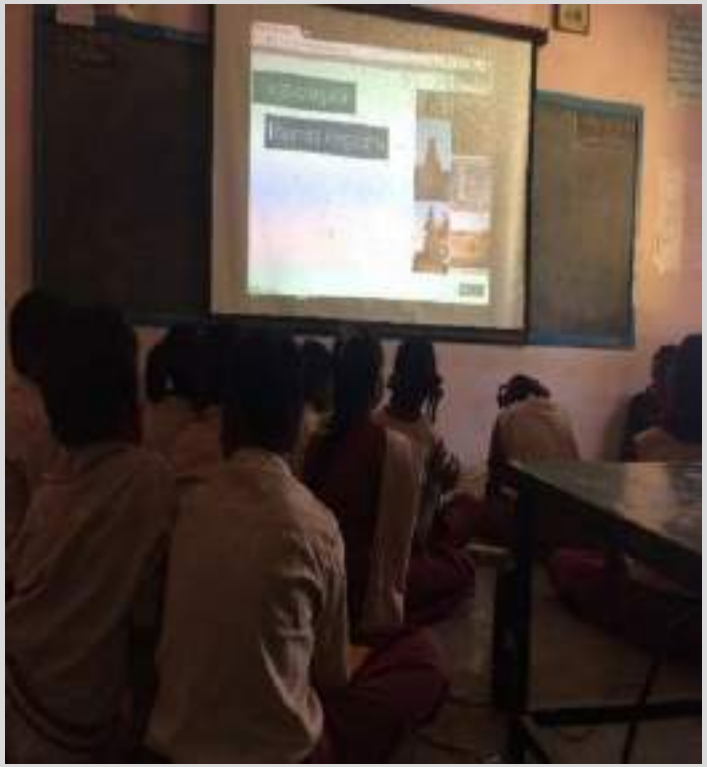
Historical Places and Geographical Regions



26 Places visited in History & Geography



26 Places visited in History & Geography



Many times for Most of our whole school

Usage – Impact

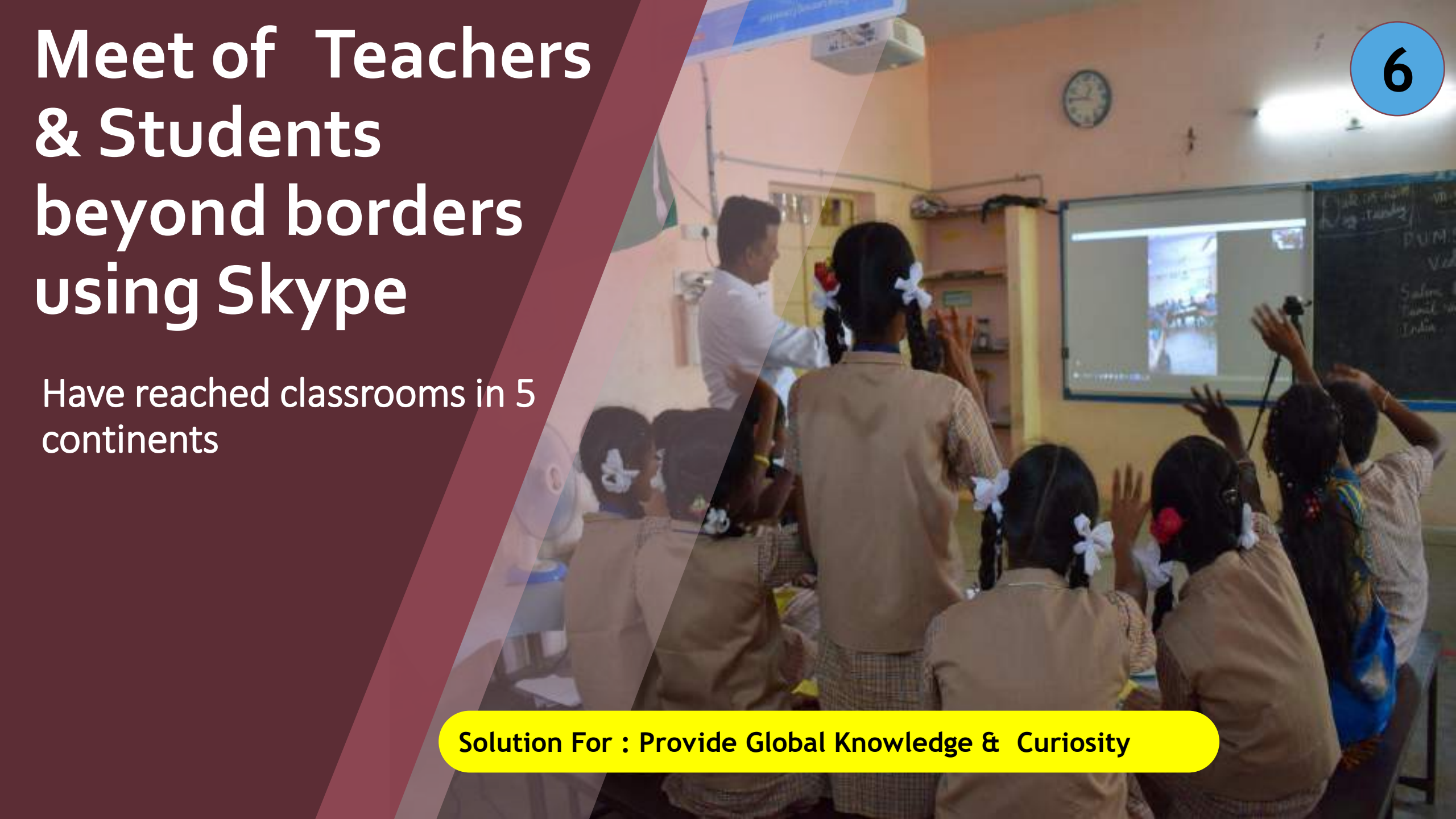
- Direct Experience
- Concept Explanation
- Revision made easy
- Museums, Volcano and polar regions

- Highly Attractive
- Student participation increased a lot
- Visible academic performance improved

VR & virtual Tours video Tours - Usage: Click here!

Meet of Teachers & Students beyond borders using Skype

Have reached classrooms in 5 continents



Solution For : Provide Global Knowledge & Curiosity

Connecting with other countries through Skype Video calls

Search & Find suitable classroom according to the age & Subject

Fix the discussion topic with the concurrence of the abroad Teacher

Set the classroom

Discussion & Post comments

Process

Met the Students & Discussed about

Economy

Music

Future Aims

Met the Students & Discussed about

National Symbols

Culture

Education System

Met the Students & Discussed about

Geography

Art

Food

We have Connected 18 Countries –in 5 continents

Vietnam

Saudi Arabia

Philippines

Cambodia

Malaysia

Thailand

Kuwait

Asia

We have Connected 14 Countries –in 5 continents

Russia

Spain

Czech Republic

Europe

Egypt

South Africa

Africa

Columbia

S. America

America

N. America

Connected Dates and Time

S.No	Country Name	Teacher	Date and Time
1	Vietnam	Linh Thuy	5.11.19 9:30 AM IST
2	Thailand	Penchan Kongpet	06.11.2019 9:30 AM IST
3	Philippines	Duc lechan	06.11.2019 11.10 AM IST
4	Kuwait	Sued E Mizar	05.11.2019 10.40AM IST
5	Saudi Arabia	وضحى حمدان محمد الغامدي	06.11.2019 12.25 PM IST
6	Cambodia	Afnan dahadren	05.11.2019 11:20 AM IST
7	Malaysia	Jenny Chiang	06.11.2019 2:00 PM IST
8	Egypt	Abdulla Abdullah	05.11.2019 4:00 PM IST
9	South Africa	John Peter	06.11.2019 3:30 PM IST
10	Spain	Gladys	07.11.2019 11:30 AM IST
11	Czech Republic	Julia kozina	06.11.2019 4:30 PM IST
12	Russia	Ivanova	6.11.2018 2:15 PM IST
13	America	Ms.Monique Garza from DeLay Middle School, Lewisville, Texas	14.03.2020 8:30 AM IST
14	Columbia	Will saraimento	07.11.2019 7:30AM IST

Usage – Impact

- Once in 6 Month Event
- Cultural interaction
- English Interaction
- Educational systems

- Highly Attractive
- Student participation increased a lot
- English, Cultural aspects, geographical Knowledge improved

Video of Reflections in : Drive link

Meet of Professionals For Motivation

Departments in Govt sector

Solution For : To know Role Models, Ambitions, Learn Professions

Met sub-collectors, Doctors, Teachers and BEO's from other districts

Motivation

Career Guidance

Role Models

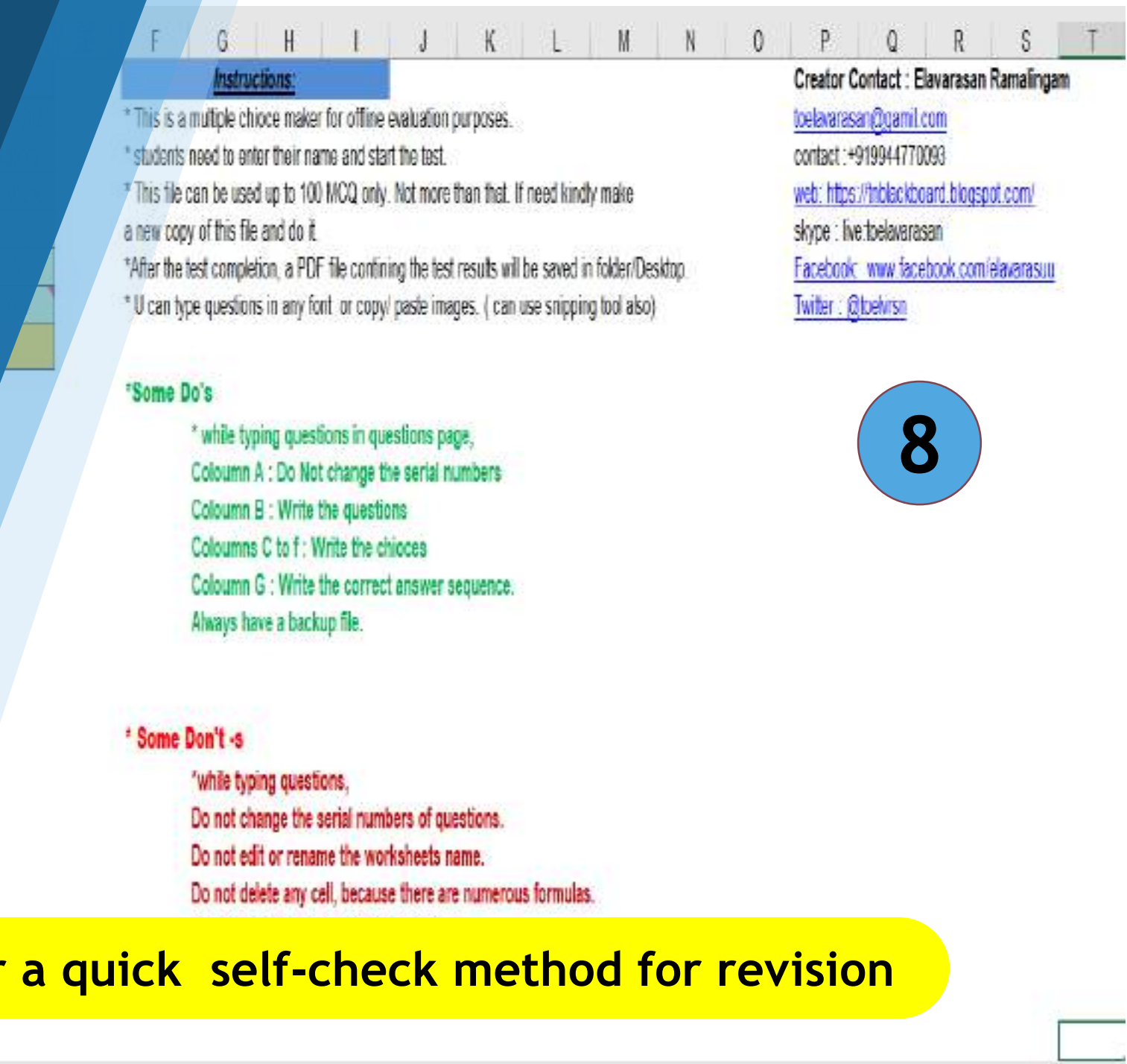
Mr. K.C. Sathish Kumar,
DSP (Training) , Chennai
08.11.2019 -11.30 AM

Mr. Prasanna Ramasamy,
District Revenue Officer,
Coimbatore
07.11.2019 -4.30 PM

Dr.D.Thendralasi,
Dental surgeon,
Thendral Clinic
08.11.2019 -10.30 AM

Automated Scoring system

Created a MCQ testing
Using MS Excel
And using it.



Instructions:

Creator Contact : Elavarasan Ramalingam
toelavarasan@gamil.com
contact :+919944770093
web: https://tnblackboard.blogspot.com/
skype : live:toelavarasan
Facebook: www.facebook.com/elavarasuu
Twitter : @toelvrsn

* This is a multiple chioce maker for offline evaluation purposes.
* students need to enter their name and start the test.
* This file can be used up to 100 MCQ only. Not more than that. If need kindly make a new copy of this file and do it.
*After the test completion, a PDF file contining the test results will be saved in folder/Desktop
* U can type questions in any font or copy/ paste images. (can use snipping tool also)

*Some Do's

* while typing questions in questions page,
Coloumn A : Do Not change the serial numbers
Coloumn B : Write the questions
Coloumns C to f : Write the chicces
Coloumn G : Write the correct answer sequence.
Always have a backup file.

* Some Don't -s

*while typing questions,
Do not change the serial numbers of questions.
Do not edit or rename the worksheets name.
Do not delete any cell, because there are numerous formulas.

8

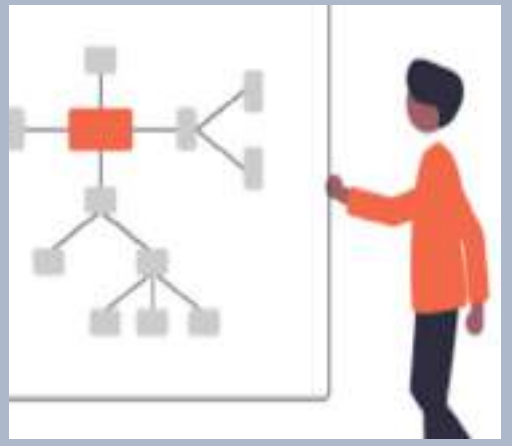
Solution For : Need for a quick self-check method for revision

Auto Correction tool for MCQ

Teacher prepare MCQ test using Book Pdf

- Each student get individual excel file

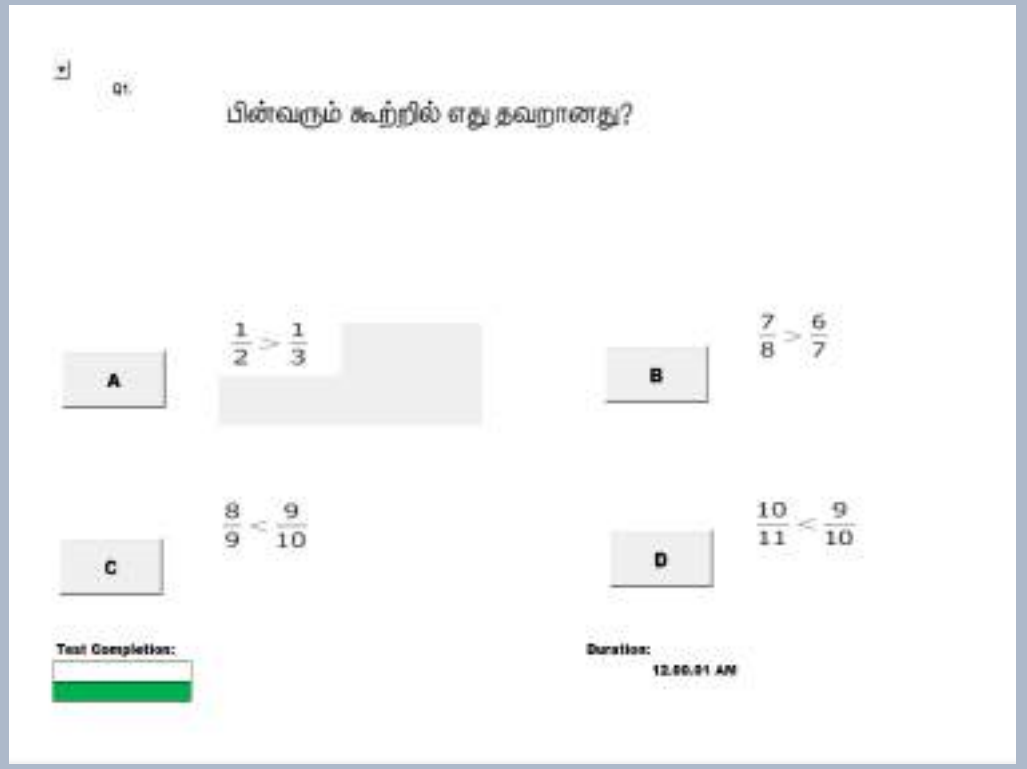
Doing Auto-correcting test maker in Excel. Once the student completed The test, result will be shown.



Process

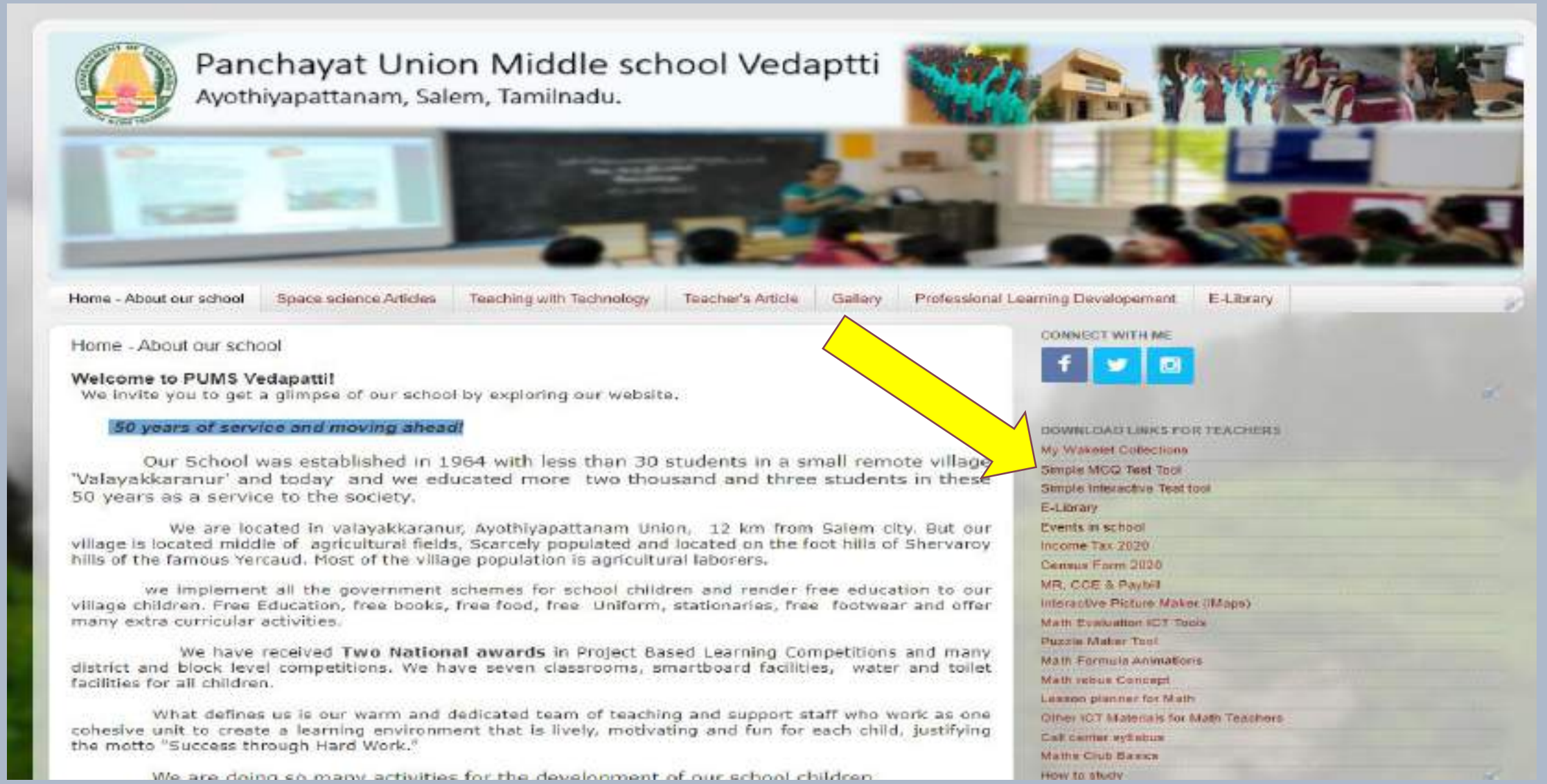
Auto Correction tool- Students Working

28 Tests conducted



Each student → Each File → Self-Paced MCQ → Print out put

Auto Correction tool- Shared in School Blogspot – ”Tnblackboard.blogspot”



Downloaded more than 100 times

Assignment Tracking System

The Visual Output of using

Many tools

Correction by the teacher

Assignment tracking through QR

Needed For :
Impact of ICT tools Usage

Assignments Completion registered through QR Codes

Assignment Display

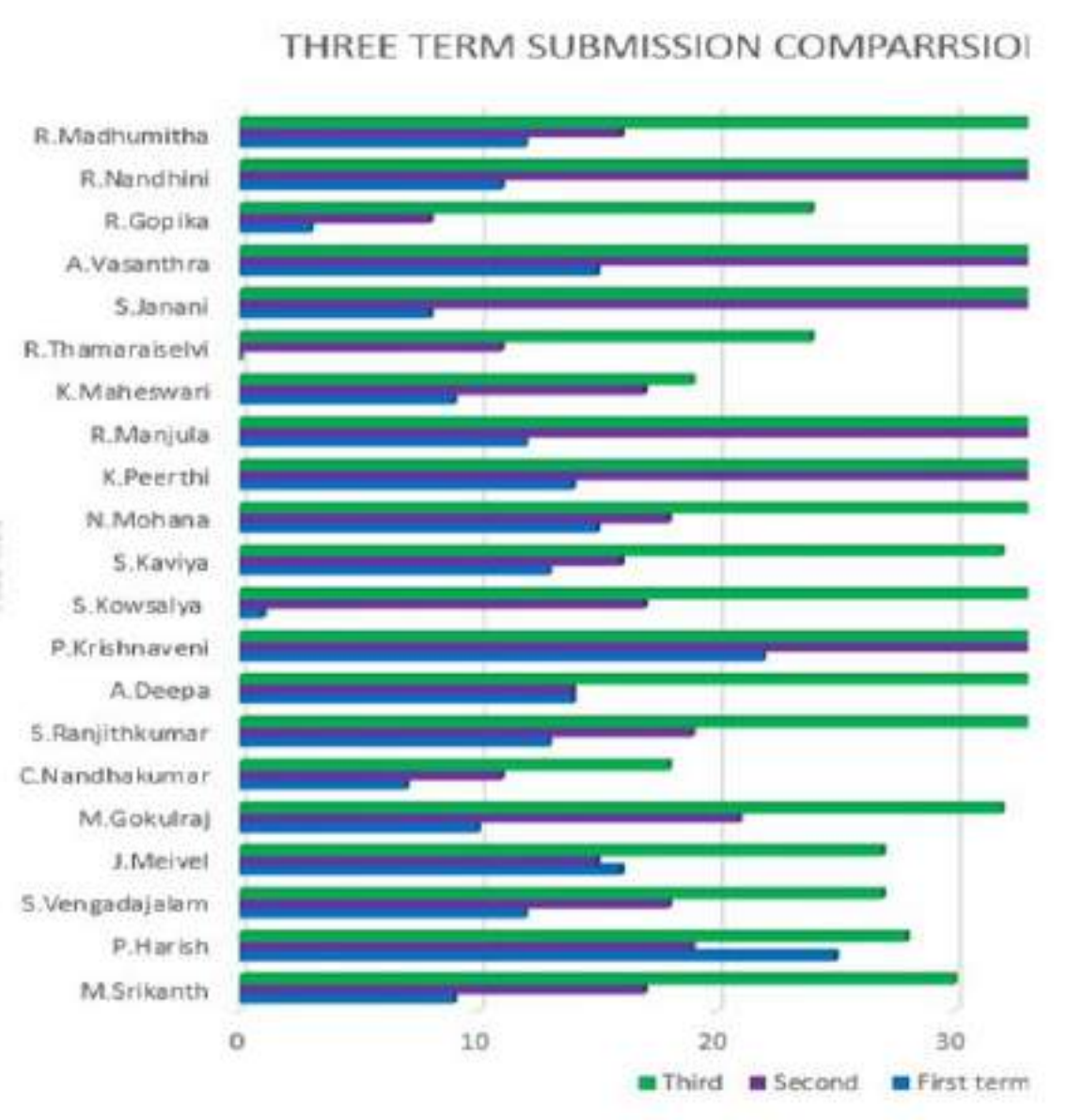
Student Work

Correction by the teacher

Assignment tracking through QR

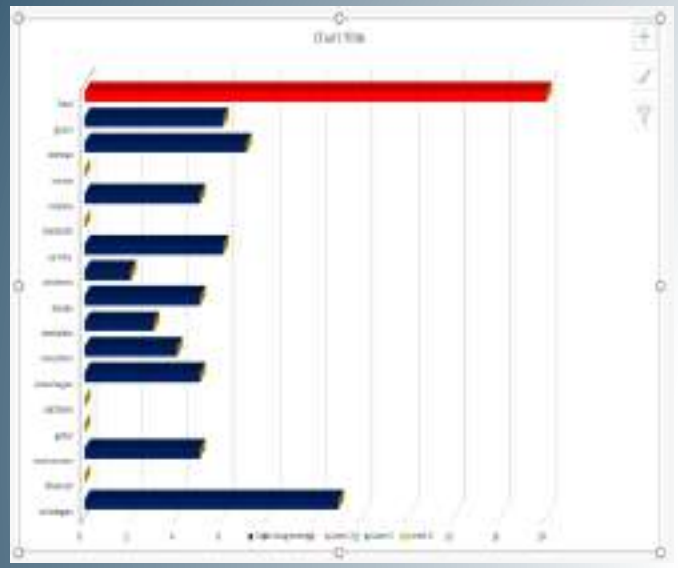
Process

Assignments Completion registered through QR Codes

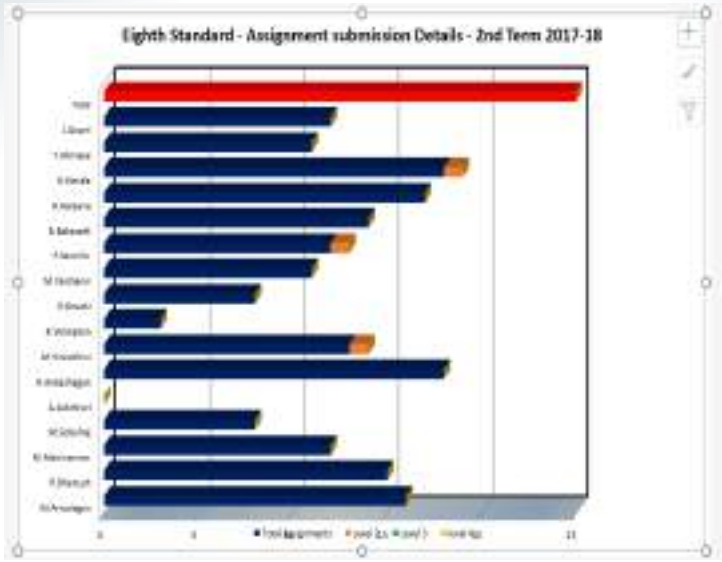


- Action Research – 6,7 & 8th standards
- Data from 6th Std – 3 Terms Comparison of assignments
- Assignments from Math & Social Science subjects
- More over there were Formative assessment questions includes
- The shown graph is meant for 21 students in same classes.
- Data and graph added for 3 classes here

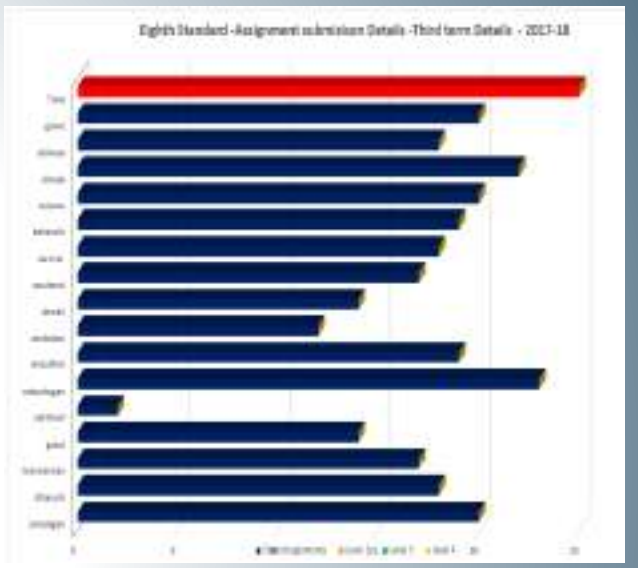
Assignments Completion registered through QR Codes



Term -1



Term -2

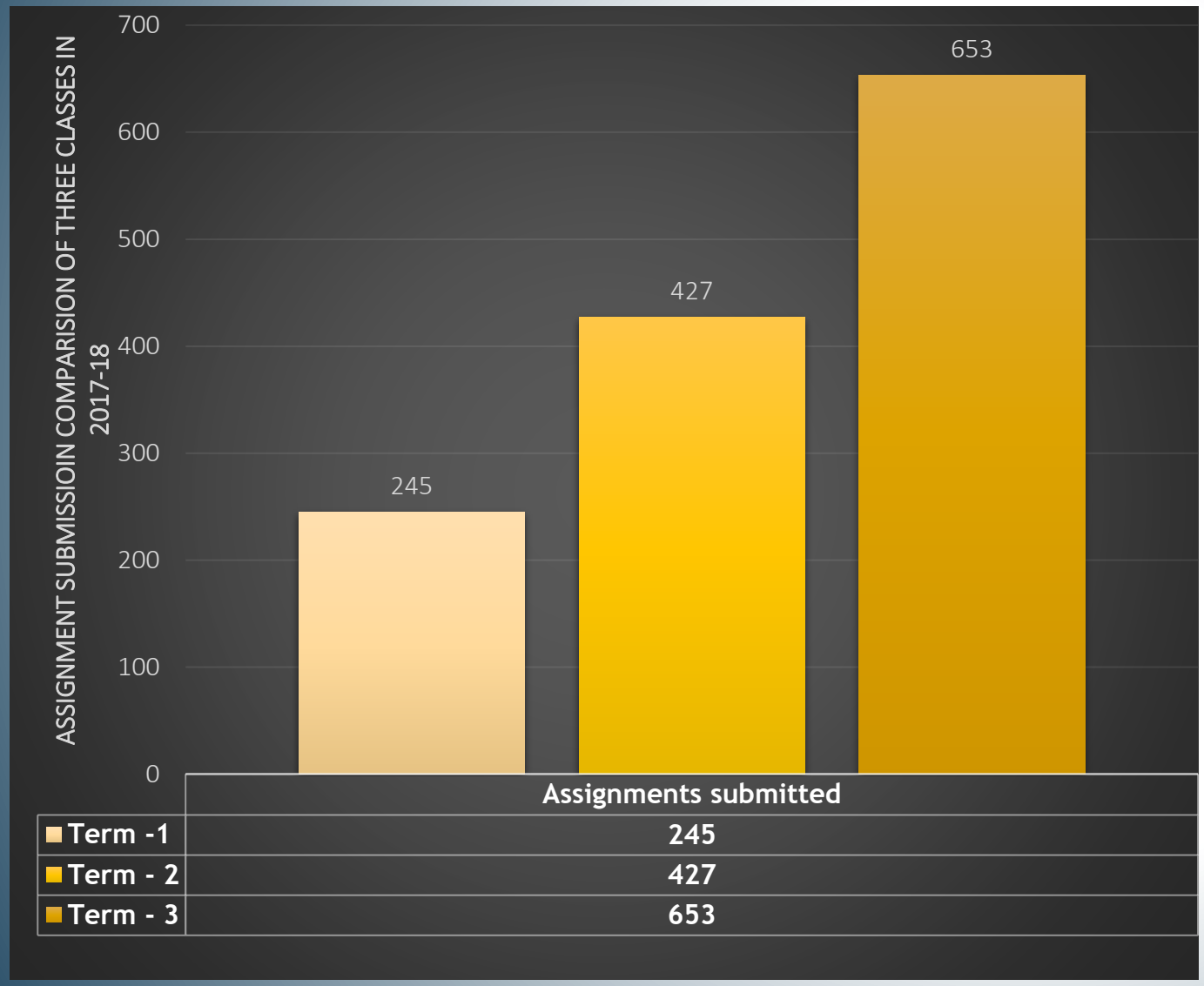


Term -3

	A	B	C	D	E	F	G
1	Student name	Std	Assign no	Ques Date	Time	Photo	Suc
2	P.Krishnaveni, 2205	7	1	09/10/2017	09:52		No
3	R.Nandhini, 2262	7	1	09/10/2017	09:53		No
4	R.Manjula, 2214	7	1	09/10/2017	09:54		No
5	P.Jeeveranidhani, 2318	8	1	10/10/2017	10:02	20171010_	No
6	K.Preethi, 2212	7	1	11/10/2017	10:23		No
7	M.Madhumitha, 2341	7	1	11/10/2017	10:24		No
8	A.Vasanthra, 2230	7	1	11/10/2017	10:24		No
9	M.Gokul, 2227	7	1	11/10/2017	10:24		No
10	M.Srikanth, 2304	7	1	11/10/2017	10:24		No
11	C.RanjithKumar, 2249	7	1	11/10/2017	10:25		No
12	P. Harish, 2206	7	1	11/10/2017	10:26		No
13	S.Jansen, 2229	7	1	11/10/2017	10:27		No
14	C.Nandhakumar, 2247	7	1	11/10/2017	10:55		No
15	J.Mesel, 2224	7	1	11/10/2017	10:56		No

Data shows students submitted time and Picture.

Assignments Completion registered through QR Codes



- 7th Std – 3 Terms Comparison of assignments
- It was similar in all the three classes
- Data was taken after the introduction of 7 core ICT Tools mentioned above.
- The total data is shown here is from all the 6th, 7th and 8th standards – 76 students from same school.
- Data evidences for all the 3 classes added here!

Assignments Completion registered through QR Codes

Data entered mobile Using QR Code Scanner app- Named "Scanpet"

Data Uploaded to Dropbox and downloaded as xls file.

Student name	Std	Assign no	Date:	Time:	Photo:	Ial sclen
P.Krishnaveni, 2205	7	1	09/10/2017	09:52		No
R.Nandhini, 2267	7	1	09/10/2017	09:53		No
R.Manjula, 2214	7	1	09/10/2017	09:54		No
P.Jeevanandham, 2318	6	1	10/10/2017	10:52	20171010_	No
K.Peerthi, 2212	7	1	11/10/2017	10:23		No
M.Madhumitha, 2341	7	1	11/10/2017	10:24		No
A.Vasanthra, 2230	7	1	11/10/2017	10:24		No
M.Gokul, 2227	7	1	11/10/2017	10:24		No
M.Srikanth, 2204	7	1	11/10/2017	10:24		No
C.RanjithKumar, 2249	7	1	11/10/2017	10:25		No
P. Harish, 2206	7	1	11/10/2017	10:26		No
S.Janani, 2229	7	1	11/10/2017	10:27		No
C.Nandhakumar, 2247	7	1	11/10/2017	10:55		No
J.Malvel, 2224	7	1	11/10/2017	10:56		No
A.Vasanthra, 2230	7	2	11/10/2017	10:56		No
E.Deepa, 2203	7	2	11/10/2017	10:58		No
K.Maheswari, 2225	7	1	11/10/2017	10:58		No
R.Nandhini, 2267	7	2	11/10/2017	10:59		No
K.Peerthi, 2212	7	2	11/10/2017	11:00		No
P.Krishnaveni, 2205	7	2	11/10/2017	11:00		No
S.Janani, 2229	7	2	11/10/2017	11:00		No
S.Janani, 2229	7	8	11/10/2017	11:01		No
R.Thamaraiselvi, 2228	7	1	11/10/2017	11:01		No
R.Thamaraiselvi, 2228	7	2	11/10/2017	11:01		No
R.Venkalam, 2186	8	1	12/10/2017	09:36		No
S.Ranjana, 2180	8	1	12/10/2017	09:36		No
T.SATHYA, 2240	6	11	12/10/2017	11:16		No
T.SATHYA, 2240	6	15	12/10/2017	11:17		No
A.Valarmathi, 2235	6	1	12/10/2017	12:01		No

Data | Eighth Chart | Seventh chart | Sixth Chart | Seventh | Eighth | Sixth

Link for Excel Data for Three Terms : Click Here!

Students Working & QR Code usage

Astro club Functioning

Using the Free resource

-”Stellarium”

Solution For :Inculcate Scientific Temper

Conducted camps in Our school and nearby schools also.

On the Special day we had special sessions with “stellarium”

We had seen 6 special days & more than 300 benefitted.

Celestial Events, comets and Science days
Stellarium – A free resource for viewing celestial live events

Celestial Events, comets and Science days
Stellarium – A free resource for viewing celestial live events

Attracted students, Parents and Public a lot.

வான் நோக்குதல் நிகழ்ச்சி வியப்படைந்த மாணவர்கள்

ஆத்தூர், ஜூன் 10-

வானியல் அறிஞர் கலிலியோவின் நினைவு நாளை முன்னிட்டு, பள்ளி மாணவர்களுக்கு வான்நோக்குதல் நிகழ்ச்சி நடந்தது.

வாழப்பாடி அருகே, தறிச்சி ஊராட்சி ஒன்றிய நடுநிலைப் பள்ளியில், நேற்று முன்தினம் 'வானியலின் தந்தை' என்றழைக்கப் படும் கலிலியோவின் நினைவு தினம் அனுசரிக்கப்பட்டது.

அதை முன்னிட்டு மலர் தூவி மரியாதை செலுத்தப்பட்டு, வான் நோக்குதல் நிகழ்வு நடந்தது. அப் போது ஆசிரியை பூங்குழலி பேசியதாவது: இக்காலத்தை சேர்ந்த கலிலியோ இயற்பி யலாளர், கணிதவியலாளர் மட்டுமின்றி வானியல் வல் லுனராகவும் இருந்தார். 17ம் நூற்றாண்டின் அறிவியல் புரட்சியில் பங்கேற்றவர். தொலைநோக்கி மூலம் வெள் ளியின் வெவ்வேறு கோணங் களை கண்டறிந்து உறுதி செய்தார்.

வியாழனின் நான்கு பெரிய துணை கோள்களை கண்டுபிடித்தார். அவற்றை கலிலியின் நிலவுகள் என்று அழைக்கப் படுகிறது. கடந்த, 1642 ஜன., 8ல், உயி ரிழந்தார்.

இவ்வாறு அவர் பேசினார்.

தொடர்ந்து, அறிவியல் ஆசிரி யரும், வானவில் ஆல்வானருமான இளவரசன், தொலைநோக்கி வேலை செய்யும் விதம், தொலை நோக்கி மூலம் வெள்ளி, செவ்வாய் உள்ளிட்ட கோள்கள், நட்சத்திர கூட்டங்களை பார்ப்பது எப்படி என, மாணவ, மாண வியருக்கு செயல்விளக்கம் அளித்தார்.

தொலைநோக்கி மூலமாக இரவு, 8:00 மணி முதல், 9:00 மணி வரை ஒரியன் நெபுலா, செவ்வாய் கிரகம், பால்வழித்திரள் (ஆண்ட் மீடா), துருவ நட்சத்திரங்கள், நட்சத்திர தொகுகளை (டாரஸ் – ரிஷபம்) உள் ளிட்டவற்றை மாணவர்கள் பார்த்து வியப்படைந்தனர். அறிவியல் ஆசிரியர் ராம நாடன், ஆசிரியர்கள் கலைச் செல்வன், பாலாஜி, மாண வர்கள், பெற்றோர் உள்பட பலர் கலந்து கொண்டனர்.

கலிலியோ பிறந்த நாளையொட்டி, வாழப்பாடி அருகே, குறிச்சி அரசு நடுநிலைப்பள்ளியில், மாணவர்களுக்கு தொலைநோக்கி மூலம், 'வான நோக்குதல்' பயிற்சி அளிக்கப்பட்டது.

கலீலியோ நினைவு தினம்

குறிச்சி நடுநிலைப்பள்ளியில் வான்நோக்குதல் நிகழ்வு

வாழப்பாடி,ஜன.9: வாழப்பாடி அடுத்த குறிச்சி ஊராட்சி ஒன்றிய நடுநிலைப்பள்ளியில், வானியல் அறிஞர் கலிலியோ நினைவு நினைத்தையொட்டி, வான்நோக்குதல் நிகழ்வு நடை பெற்றது.

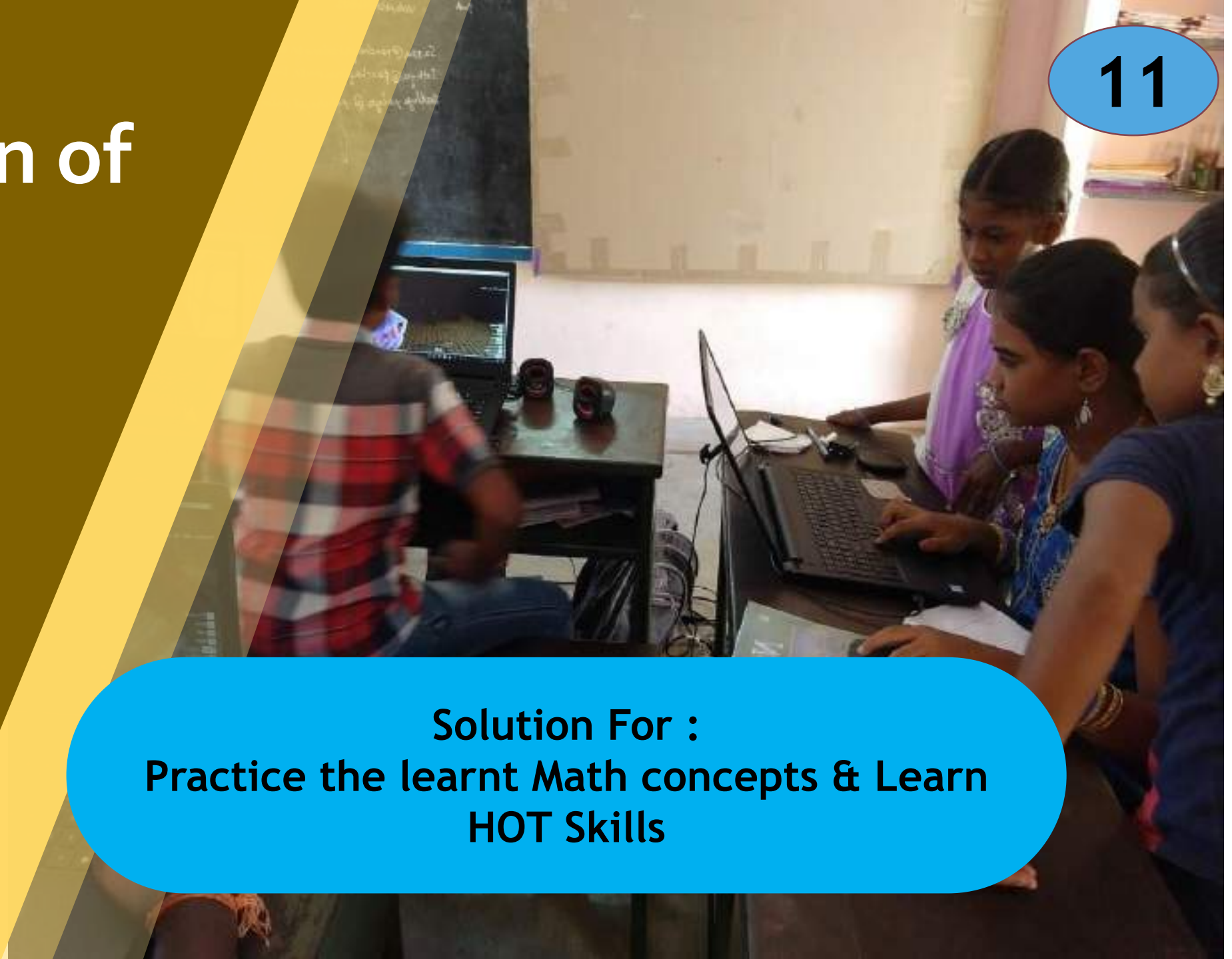
வாழப்பாடியை அடுத்த குறிச்சி ஊராட்சி ஒன்றிய நடு நிலைப் பள்ளியில் 'வானிய லின் தந்தை' என அழைக்கப் டும் கலிலியோ கலிலியின் நினைவு நிலம் செவ்வாய்க்கி முமை அனுசரிக்கப்பட்டது. பள்ளி வளாகத்தில் கலிலியோ உருவப் படத்துக்கு மலர்தூவி மரியாதை செலுத்தப்பட்டது. இதனைத்தொடர்ந்து டெலஸ் கோப் தொலைநோக்கி வழி யாக வான் நோக்குதல் நிகழ்வு நடைபெற்றது.

அயோத்தியாப்பட்டணம் ஒன்றியம், வேடப்பட்டி ஊராட்சி ஒன்றிய நடுநிலைப் பள்ளி கணித ஆசிரியர் இளவ ரசன் தொலை நோக்கியுடன் பங்கேற்று, தொலைநோக்கி வேலை செய்யும் விதம், தொலைநோக்கி மூலம் வெள்ளி, செவ்வாய் முதலிய கோள்கள் மற்றும் நட்சத்திரக் கூட்டங்களை பார்க்கும் முறை குறித்து மாணவ-மாண வியர் மற்றும் பொதுமக்க ளுக்கு செயல்முறை விளக்கம் அளித்தார்.

கலிலியோ நினைவு தினம் மற்றும் வான்நோக்கு நிகழ்வுக் கான ஏற்பாடுகளை குறிச்சி ஊராட்சி ஒன்றிய நடுநிலைப் பள்ளி ஆசிரியர்கள் பாலாஜி, பூங்குழலி, ராம நாடன், மணி மேகலை ஆகியோர் செய்திருந்தனர்.

Gamification of educational Content

Conducting
Games camp on holidays



Solution For :
Practice the learnt Math concepts & Learn HOT Skills

Game Camps using Video Games – Minecraft - Create Structures

Teacher plan the outcomes - Steps

Conduct games

Evaluate Output

(Sample: Map Skills → Create the map of your village in Minecraft)

Conducting Special camps in holidays for creating subject contents

Conducted Once in two month on holidays
Built 7 Projects in Virtual Spaces

Student Creations

The Green City
(Sustainable Energy)

The Animal Cell
(Cell structure)

The Fun park
(Physics laws)

Area and Perimeter
(math Formulas)

And, the Volcano, India Political Map, The algebra, Our Village etc..

Usage – Impact

- Once in 2 Month Event
- Text book contents only
- Practice the terms & Pictures into 3D
- Learn Map Skills

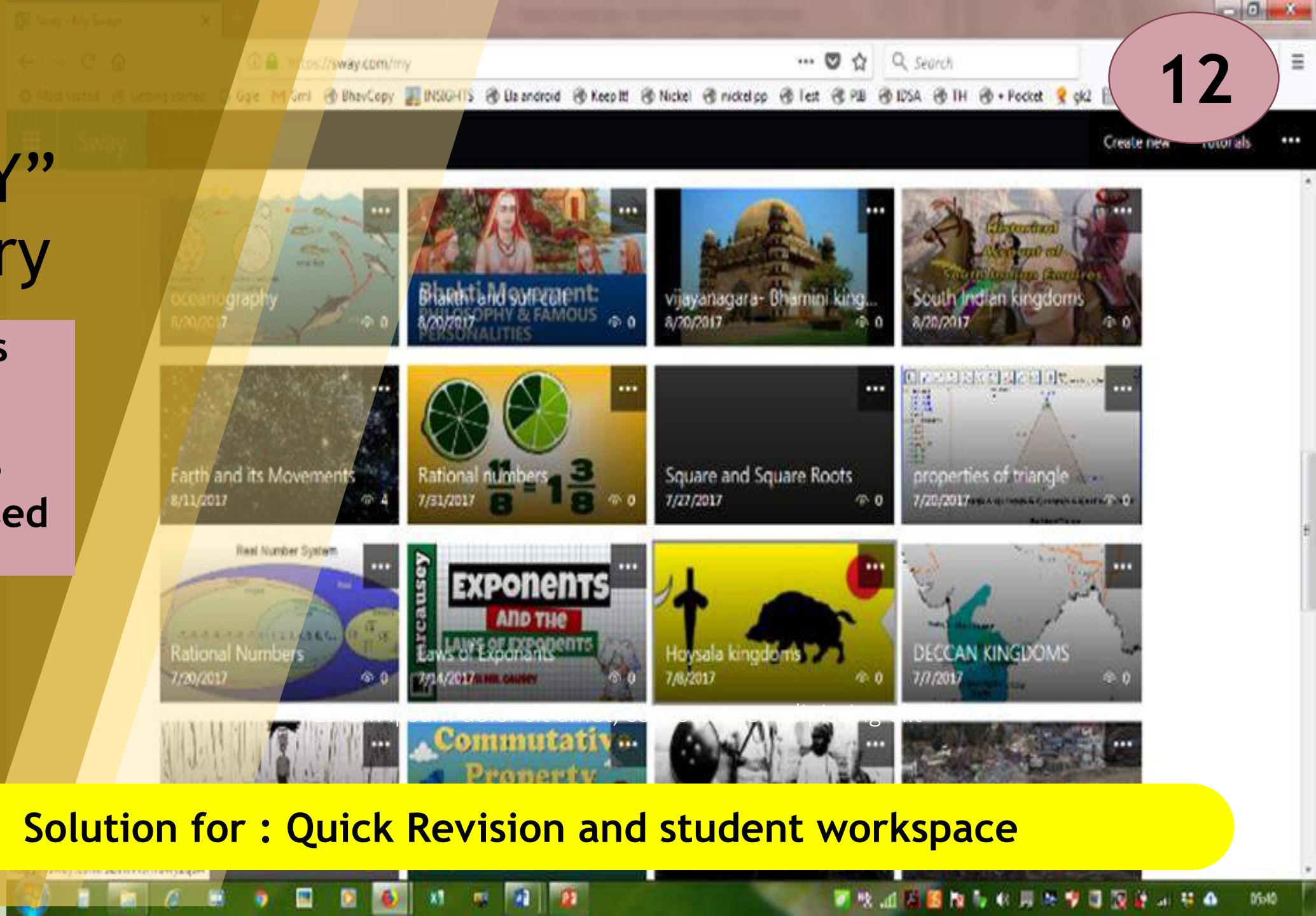
- Highly Attractive
- Student participation increased a lot
- Learnt concept can be never forgotten

“SWAY” Library

34 Lessons

And

Their free resources used



Solution for : Quick Revision and student workspace

Digital Presentation tool for Teaching & Revision

Teacher Collected Images, Videos, web-contents and stored as web address

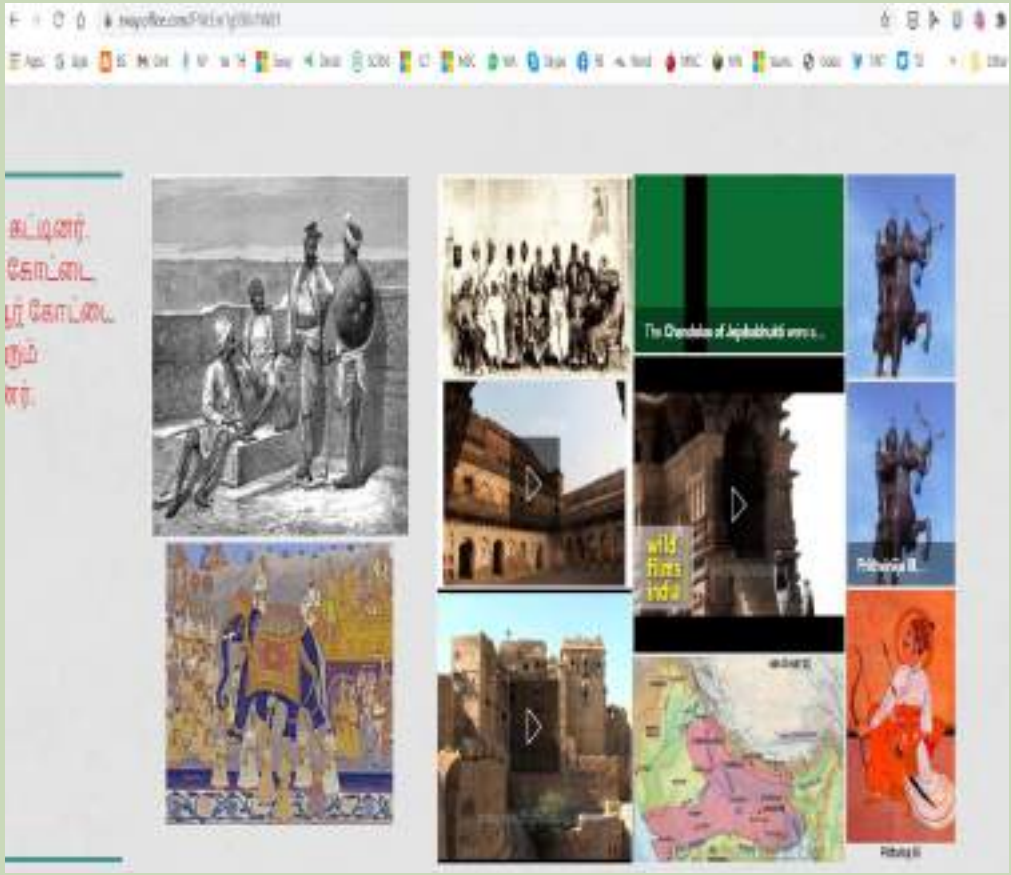
Presenting in Classroom as online tool

Send in Classroom QR code

Student Scan in Home Or school

Process

Sway Library



Sway Library – [Link to view]

Usage – Impact

- Sway for 70 sub-Topics created
- Some of them were created by students
- Used as a presentation & Revision tool

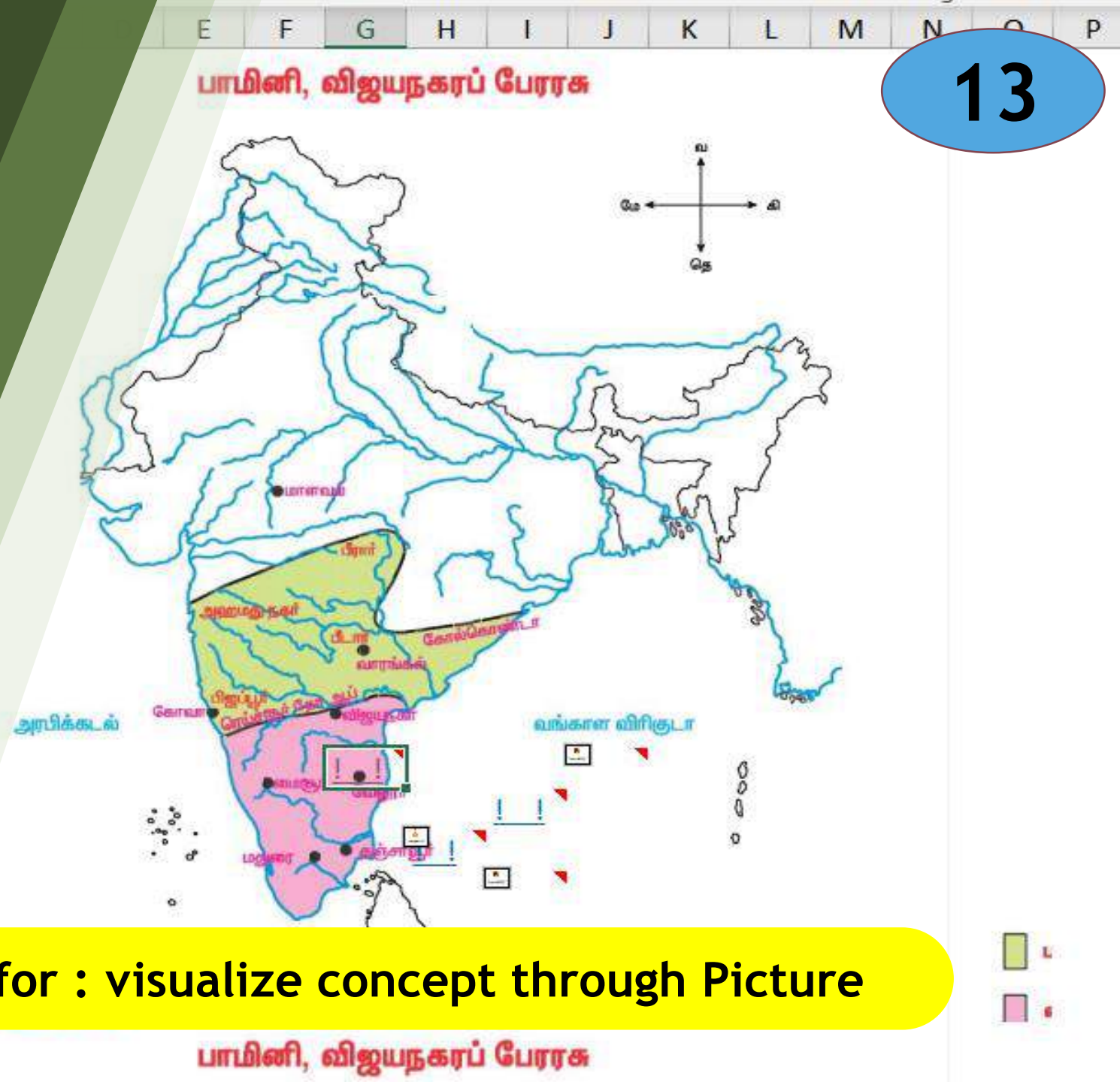
- Revisioning Made easy
- Easy to understand with pictures
- Reduced the time of searching in concepts

Video of Reflections in : Drive link

Interactive Picture Tool

Teacher Created Free Tool for Interactivity

-"iMaps"



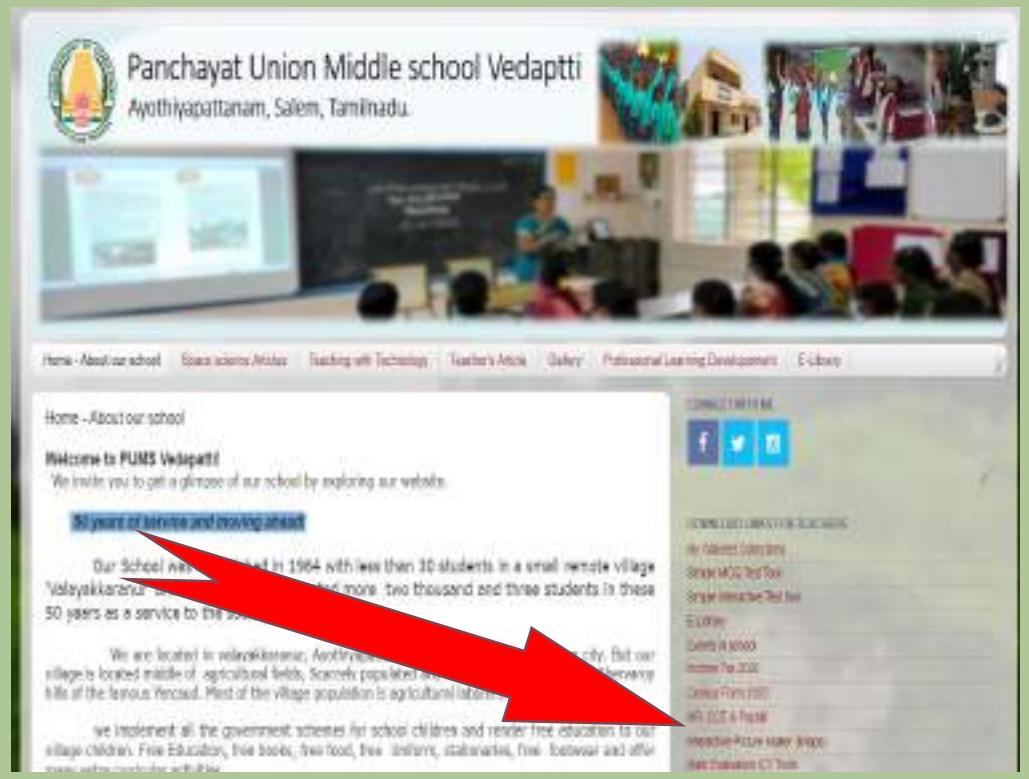
Solution for : visualize concept through Picture

Digital Presentation tool for Teaching & Revision

History maps, geography pictures made interactive

Students can Interact with picture

Free Tool made In Excel shared in School Blogspot



- Used in Live Classes
- Self learning classes
- Interaction added with plain picture in textbooks
- Highly informative
- Audio, Video, Web Content were added.

From School Blogspot -It Shared through QR Codes

Usage – Impact

- 12 Interactive Picture created
- Shared through online
- Used for concept explanation and revision

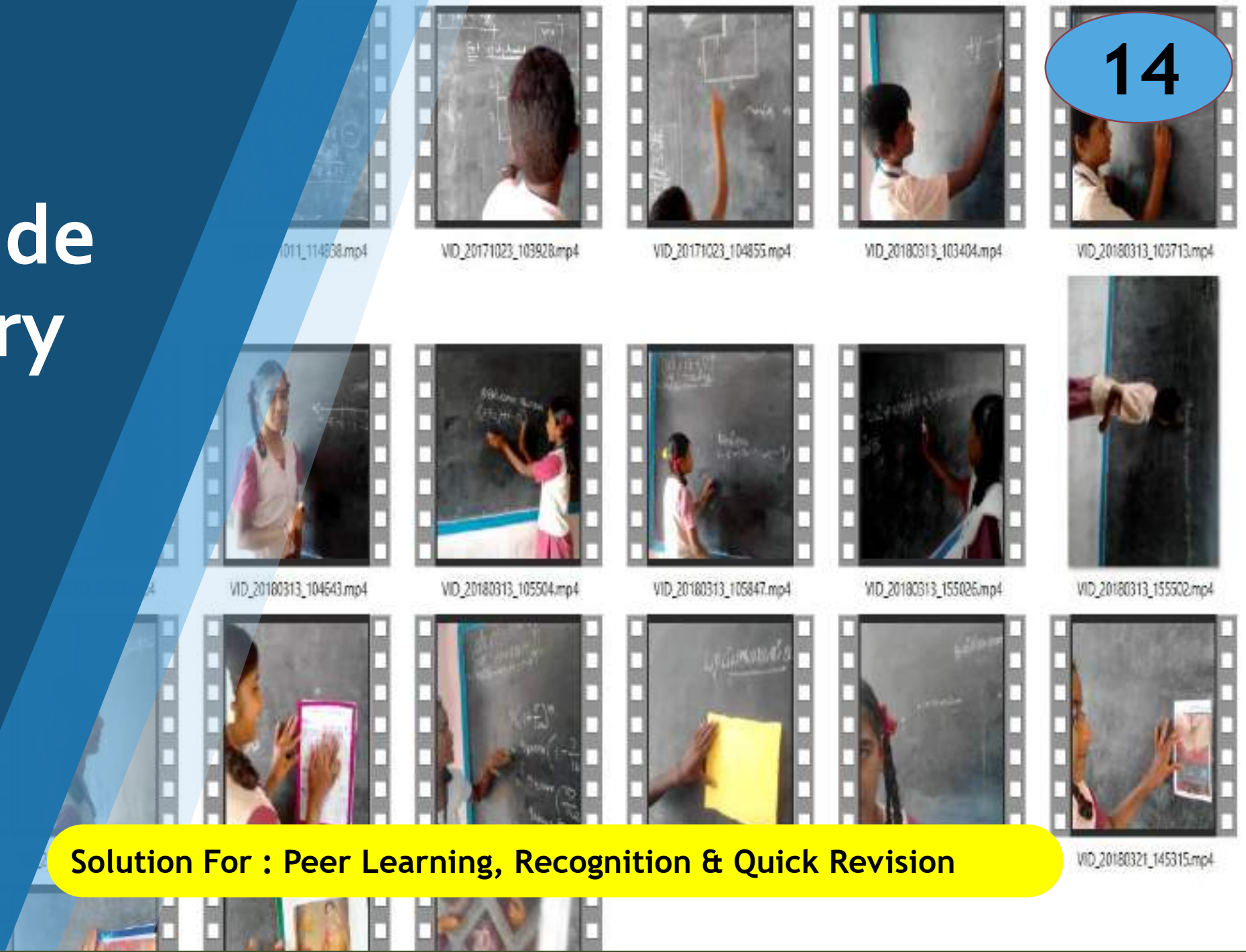
- Revisioning Made easy
- Easy to understand with interactive pictures
- Reduced the time of searching in concepts

Student made Video Library

Peer Learning

&

Help of QR Codes



Solution For : Peer Learning, Recognition & Quick Revision

Students turned into creators

Assignment Display

Successful students of the month

Videos Taken explains 1 or 2 sums

Videos in Drive

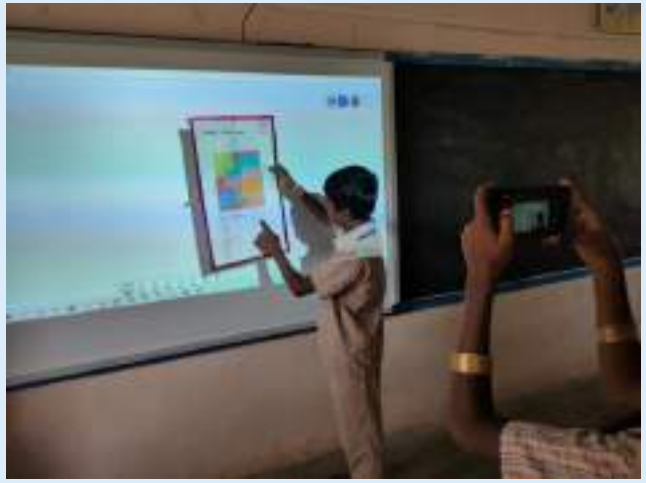
Shared through QR Codes

Process

Activities

- 21 videos created
- Shared as a follow up activity

- Videos taken using Old android mobiles
- Videos shared through classroom QR cards



Process

Usage – Impact

- Recognition for achievement
- Videos preserved for many years
- Revision made easy

- Students' engagement increased a lot
- Positive competition environment
- Peer learning

QR Codes as "Classroom Codes"

A Single QR Card for

Evaluation, Follow up, Reinforcement and

Communication.

Solution for : Reaching content to the hands of student in home

One Single QR Code Card to all the purposes

Teacher shared link For Follow up Work, Puzzles, Videos and Sway

A Dynamic QR Code to all students

Student Scan in Home Or school

Process

Tests, Teacher videos, Cartoons, Assignment sent through QR Codes

A Dynamic QR Code - Daily Changes using “The QR Code Generator” free website

QR Codes Display in Classroom

A Dynamic QR Code - Daily Changes using “The QR Code Generator” free website

Usage – Impact

- Home work shared through QR
- Students Respond through Whatsapp
- Library & Sway shared through QR

- Students' engagement increased a lot
- Continuous support the students
- Reduced excess wastage time in classroom

Impact of ICT tools in School

Continuous learning is essential for development

Impact of ICT in our school

- higher order thinking skills
- Students has developed communication skills in English & presentation skills during video calling with other countries
- Collaboration skills developed in gamification concepts. Students were able to construct math shapes and concepts.
- Students won in Project learning competitions in state and national levels. Selected by Design for change – Ahmedabad. Won Rs 50,000/- as prize.

Impact of ICT in our school

- Students awareness towards social issues were recognized by DFC organization (Gujarat)and won RS 15,000/- for being the top 100 projects.

- Students' attendance ratio & Admission ratio was increased during the last 3 years visibly & New posts were created.

- Received greetings and support from the district CEO,DEO and Educational secretary also.

Community Support to our school

- A Classroom library installed in my classroom (Rs 12,000)
- A water Purifier Installed from Parents (Rs 6,700)
- A wireless Speaker donated by Parents (Rs 4,500)

- Students sitting bench & Desk donated by MLA (Rs 50,000)

Recognition from society

- Awards and achievements through magazines.

Recognition from society

- Awards and achievements through magazines.

Panchayat school project selected

SPECIAL CORRESPONDENT

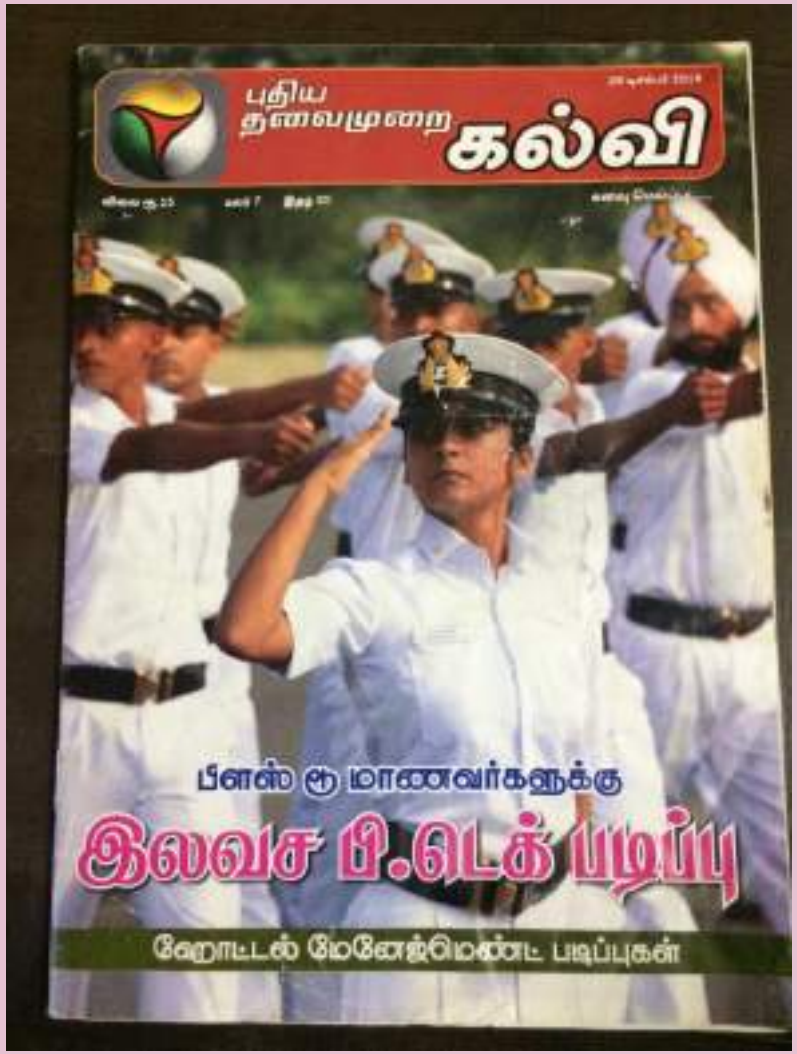
SALEM: The students team of Panchayat Union Middle School, Vedapatti village in Ayothiyapattanam union has excelled in the national level Activity Based Learning competitions.

The project submitted by a five-member team of the school titled "clean water, clear smile' has been selected as one of the 100 best projects.The students of the middle schools from Standards I to V were being imparted training in Activity

1,400 government and private middle schools from Tamil Nadu participated in the competition and presented projects.

A cash award of Rs. 10,000 each was presented the best 100 projects. The projects submitted by 23 schools from Tamil Nadu were in the list of the 100 best projects. The prizes were distributed at a function held at Ahmadabad recently.

D. Sabitha, Secretary, School Education Department, Pooja Kulkarni, State Project Director, Sarva Shiksha Abhiyan, felicitated the stu-



Recognitions from SCERT & NGOs

Participation as **Master Resource Person** in SCERT ICT Programme

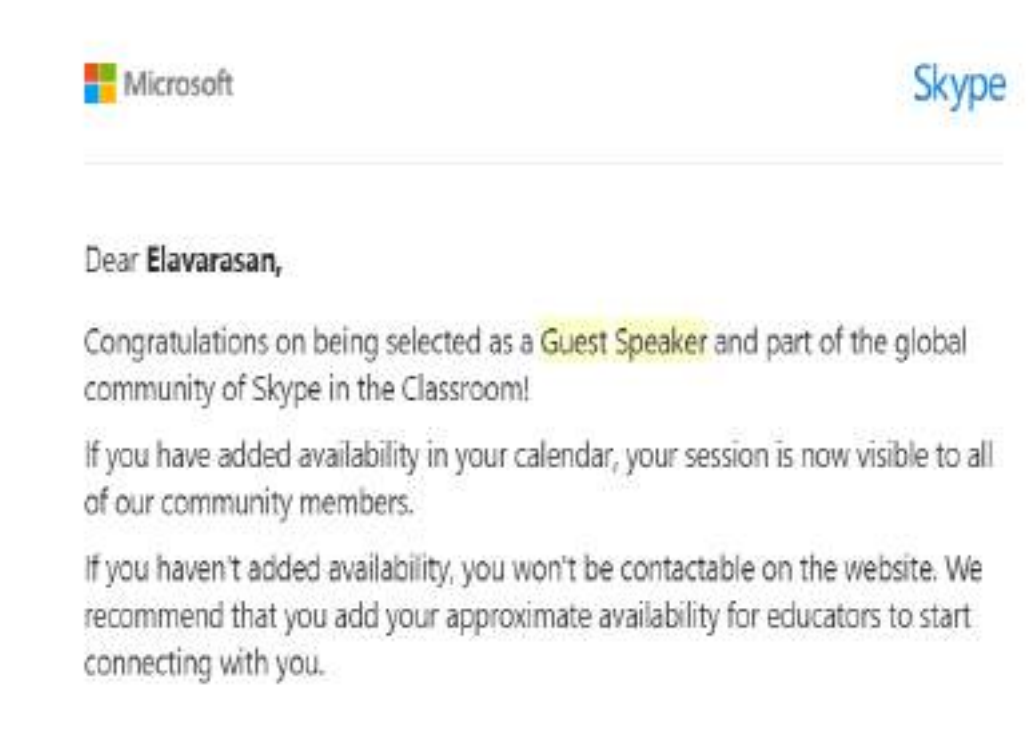
Recognition from DFC Gujarat for inculcating **Scientific attitude** among students

Recognitions from many platforms

On recognition of Using Excel in a innovative way Microsoft Issued "Puzzle Master" – Unique Badge

Mentioned as a Innovative educator trainer in Microsoft Education website

Recognitions from many platforms



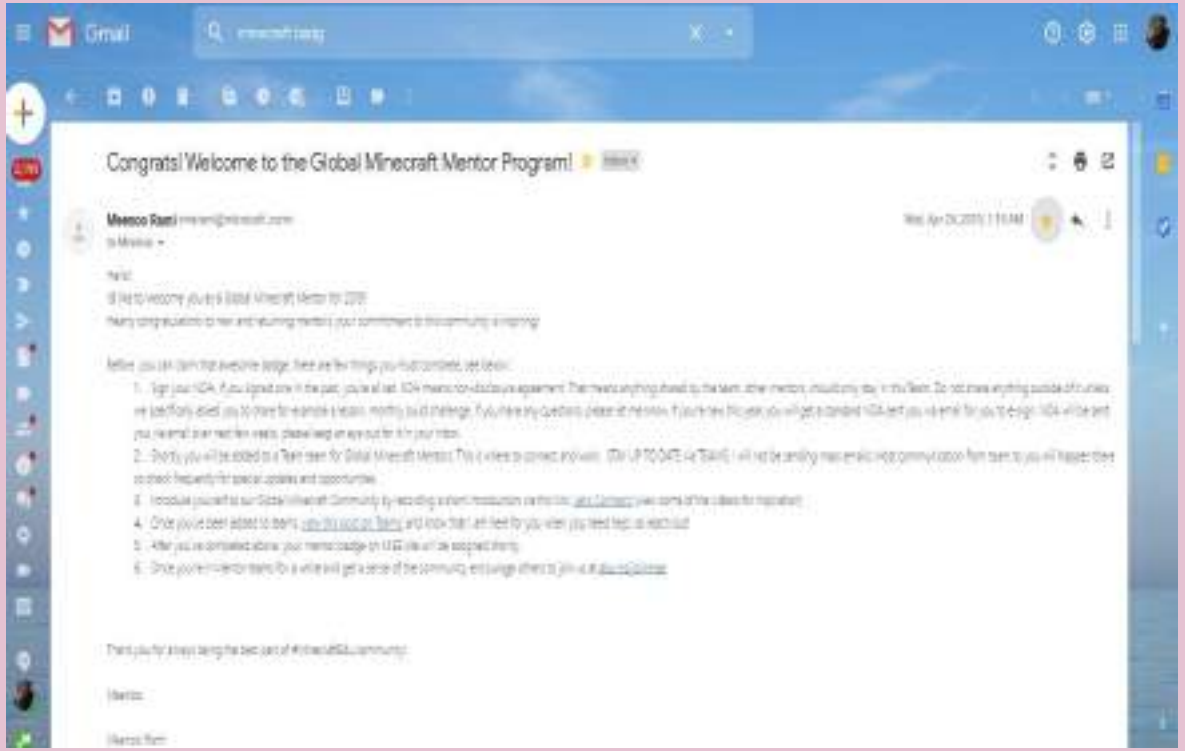
Microsoft Skype

Dear **Elavarasan,**

Congratulations on being selected as a Guest Speaker and part of the global community of Skype in the Classroom!

If you have added availability in your calendar, your session is now visible to all of our community members.

If you haven't added availability, you won't be contactable on the website. We recommend that you add your approximate availability for educators to start connecting with you.



Congrats! Welcome to the Global Minecraft Mentor Program!

Selected as Skype Guest Speaker in global Skype community in Microsoft.Skype on 23rd June 2020. (For performing online collaborations)

Selected as Global Minecraft Mentor from Minecraft Educational Games on 24th April 2019. (For creating lesson plans in Minecraft)

Functioning as an ICT Trainer

Support to the Teachers in District, State, Country and in other nations.

Use of Expertise and Service to Promote ICT Usage

District & State services

- Have Trained more than 3,000 teachers about making Energized Lesson plan, Evaluation tools for ICT classrooms and gamified learning through DIET –Salem.

- Have conducted more than 100 online sessions about ICT integration in classroom and creating ICT awareness among educators. Total benefitted were 6,000 Educators.

National & International services

- Have been a Resource person for CIET-NCERT webinar in this pandemic for creating Mind maps.

- Have conducted 3 international online sessions about Coding and Gamification among educators. Total benefitted were 150 Educators from many countries.

Continuous Learning

- Participating Online collaboration with foreign educators to promote SDG of UNESCO.
- Participated more than 50 skype sessions with other country teachers and classrooms for better classroom practices in this pandemic.

Impact & Reach of – 9,500 Educators

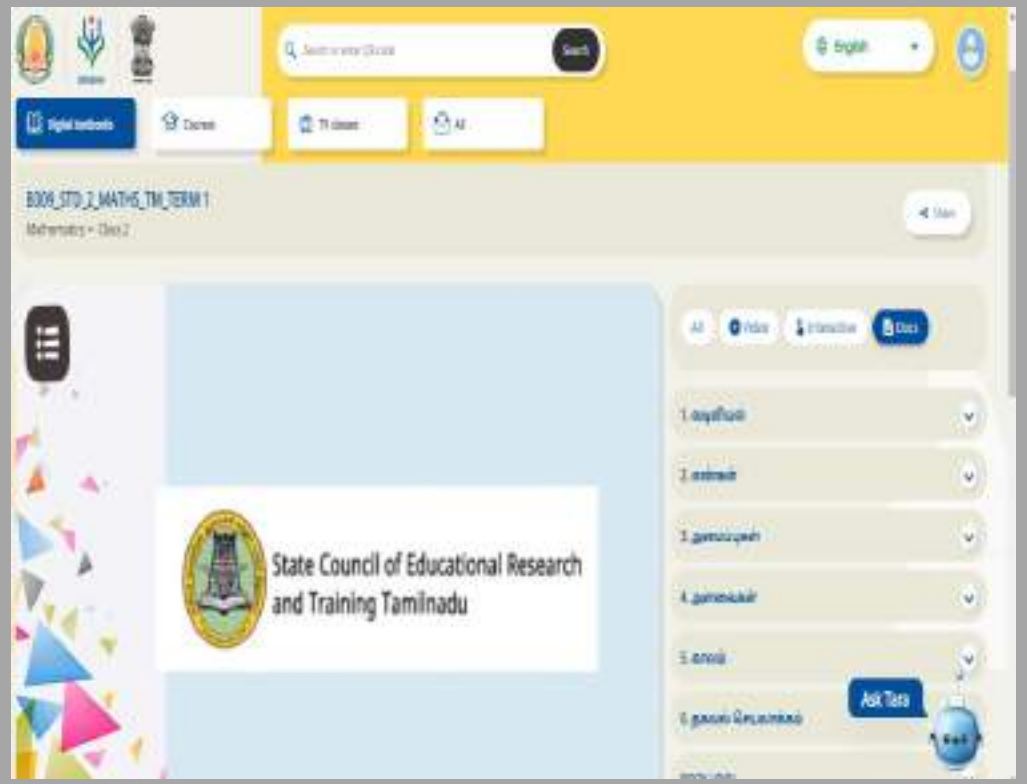
Training Details and minutes list:

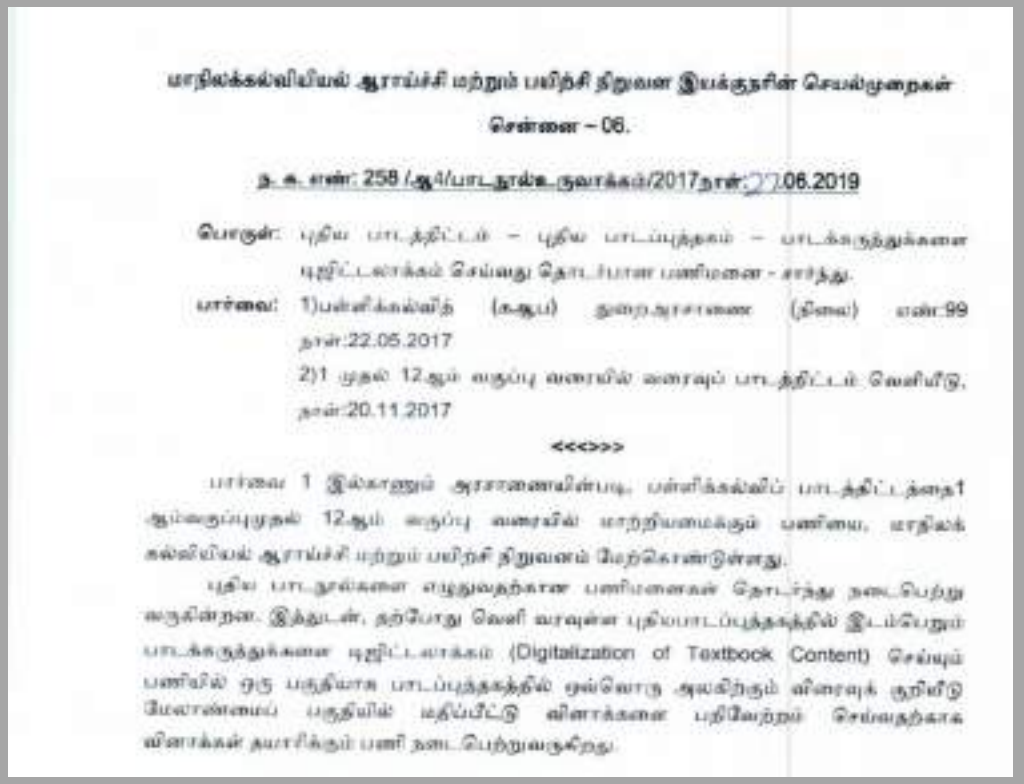
15 August 2020 16:40

Date	Time	Activity	Content	Link
26.03.20 to 12.05.20	10.00 AM & 4.00 PM	Online webinar	34 sessions – voluntary group training – Tamilnadu Teachers Online. - 34 sessions	link
22.05.20	18.30	With the world – Online discussion with Ms.Kumaiko Iowasaki & Friends	Online discussion with 23 countries Educators about the Post covid-19 Effects and the changes needed in future. A very fruitful session with other Educators from many countries.	https://www.facebook.com/elavarasuu/posts/29365572
29.05.20	18:30	VFT to Vietnam	Ms.Hanh Kim from Vietnam. Participated in a guided tour of Hanoi, introduced traditional food, art and crafts	https://www.facebook.com/elavarasuu/posts/29520373
06.06.20	18:30	Online Session with Columbian students	Columbain Educator Mr.Will Sarmiento from Columbia organized this event & his students from columbian food! - Presented thoughts about indian dishes!	https://www.facebook.com/elavarasuu/posts/29720545
10.06.20	16.30	The history of Indian Curry	Sharing presenting about " the history of indian Curry" - With Japanes educator Mr.Kohei Nakashima and his students	https://www.facebook.com/elavarasuu/posts/29834480
10.06.20	19.00	Ms. Ania Leszczyńska in Gydnia, in Poland	Ms. Ania Leszczyńska in Gydnia, in Poland – Discussion about indian Cushnies	https://www.facebook.com/elavarasuu/posts/29835305
11.06.20	18:30	Meet Porto City of Ms Rosa Ferraira	A VFT to Porto city of Portugal – Ms.Rosa Ferraira showed wonderful sightings.	https://www.facebook.com/photo.php?fbid=2938854112899436&set=a.1147893286392768&typ

Training session and dates added : PDF file for Session details

Content Creator in Diksha & TNTP





மாநிலக்கல்வியியல் ஆராய்ச்சி மற்றும் பயிற்சி நிறுவன இயக்குநரின் செயல்முறைகள்

சென்னை – 06.

ந. க. எண்: 258 /ஆ4/பாடநூல்உருவாக்கம்/2017நாள்: 07.06.2019

பொருள்: புதிய பாடத்திட்டம் – புதிய பாடப்புத்தகம் – பாடக்கருத்துக்களை டிஜிட்டலாக்கம் செய்வது தொடர்பான பணிமனை - சார்ந்து.

பார்வை: 1)பள்ளிக்கல்வித் (கூடுப) துறை அரசாணை (நிலை) எண்:99 நாள்:22.05.2017

2)1 முதல் 12ஆம் வகுப்பு வரையில் வரையும் பாடத்திட்டம் வெளியீடு, நாள்:20.11.2017

<<<>>>

பார்வை 1 இல்காணும் அரசாணையின்படி, பள்ளிக்கல்வி பாடத்திட்டத்தை1 ஆம்வகுப்புமுதல் 12ஆம் வகுப்பு வரையில் மாற்றியமைக்கும் பணியை, மாநிலக் கல்வியியல் ஆராய்ச்சி மற்றும் பயிற்சி நிறுவனம் மேற்கொண்டுள்ளது.

புதிய பாடநூல்களை எழுதுவதற்கான பணிமனைகள் தொடர்ந்து நடைபெற்று வருகின்றன. இத்துடன், தற்போது வெளி வரவுள்ள புதியபாடப்புத்தகத்தில் இடம்பெறும் பாடக்கருத்துக்களை டிஜிட்டலாக்கம் (Digitalization of Textbook Content) செய்யும் பணியில் ஒரு பகுதியாக பாடப்புத்தகத்தில் ஒவ்வொரு அலகிற்கும் விளைவுக் குறிப்பு மேலாண்மைப் பகுதியில் மதிப்பீட்டு வினாக்களை பதிவேற்றம் செய்வதற்காக வினாக்கள் தயாரிக்கும் பணி நடைபெற்றுவருகிறது.

Created Assessment Activities in 2nd Std, and 11th Standard (T & E Medium)

Building School – Digital Infrastructure

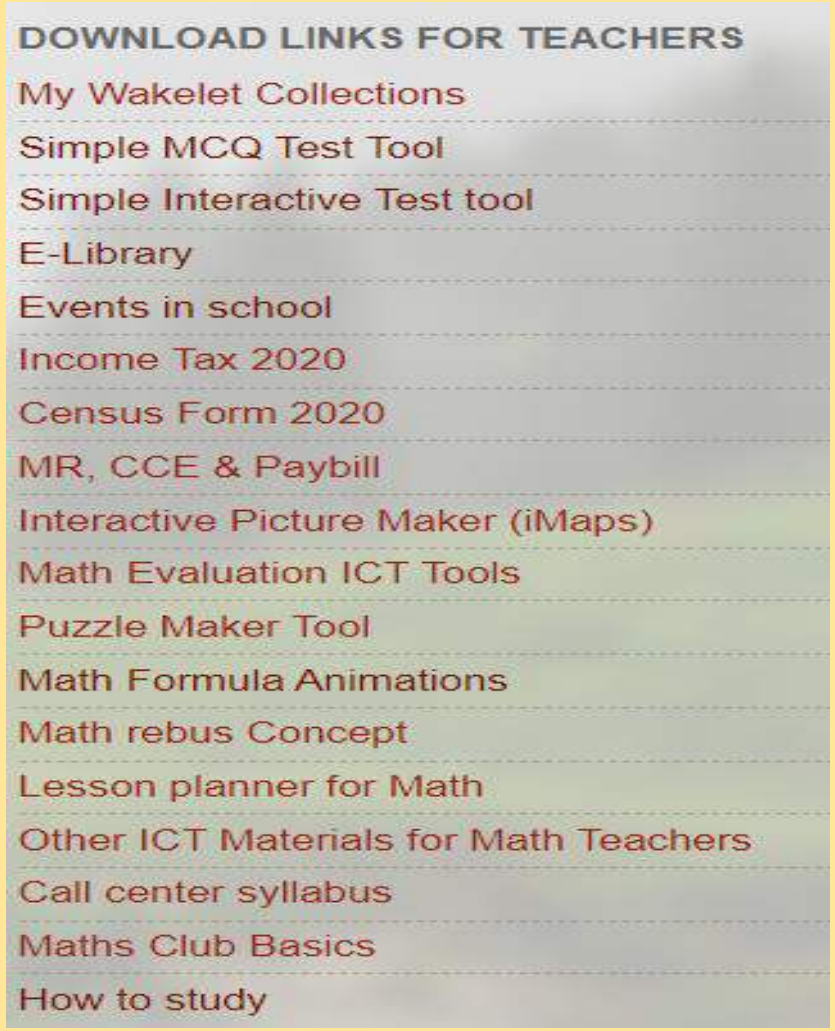
School Blogspot

&

Digital Tools Library

School Information Blogspot Activities – Digital Structure

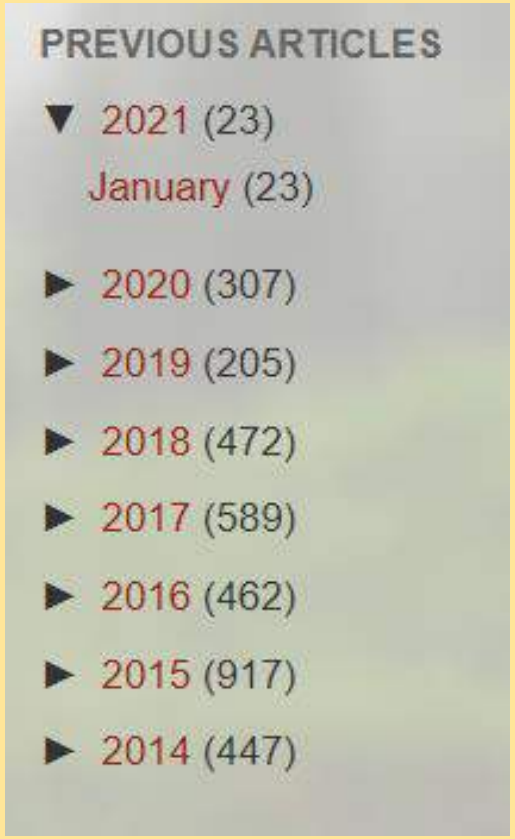
- Functions for 6 Years
- School Activities
- Science Articles Posted
- Digital Tools for other Teachers



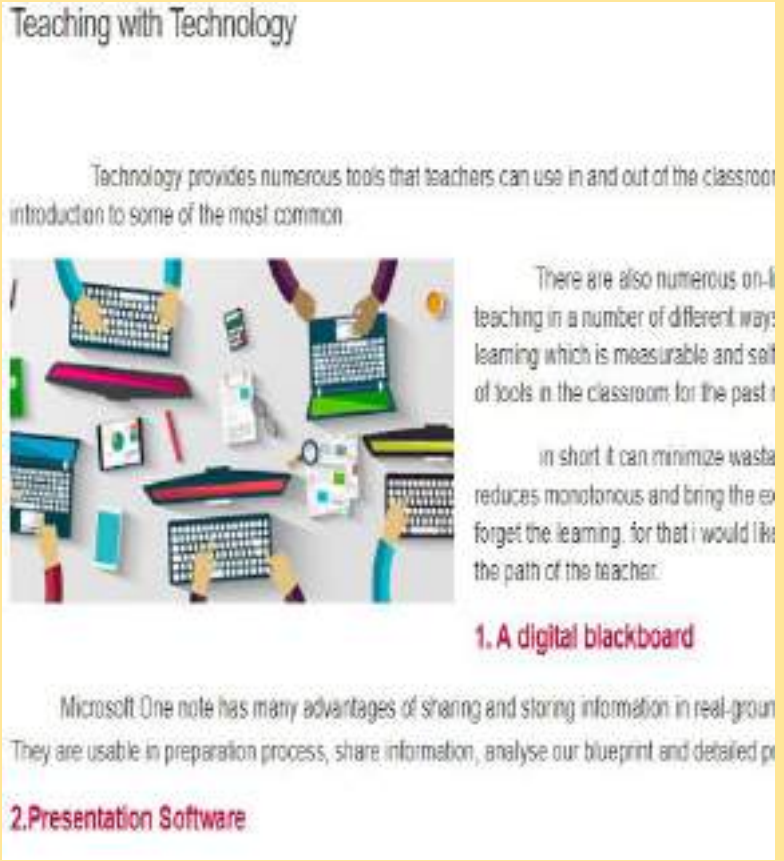
- 3000 Posts space science info published
- 700 Tools shared
- 5 Projects published
- Act as a library
- QR Code Links embedded

School Blogspot
For 6 years – Digital infrastructure

Events in the school



Scientific Posts



Guidelines to Teachers

School Information Blogspot Activities – Digital Structure

Events and Motivation in our School

- *Renovating village library* Our Village Library
  - *This is the story of the celebration of our village library by*
- *Solving Dental Flurosis* Clean Water Clear Smile

  The above is the story of our village salt water problem (Medically c
- *Promoting Scientific awareness* Blogspot

  To Read space science news and articles..
- *Preventing Alcoholism* Think before Drink

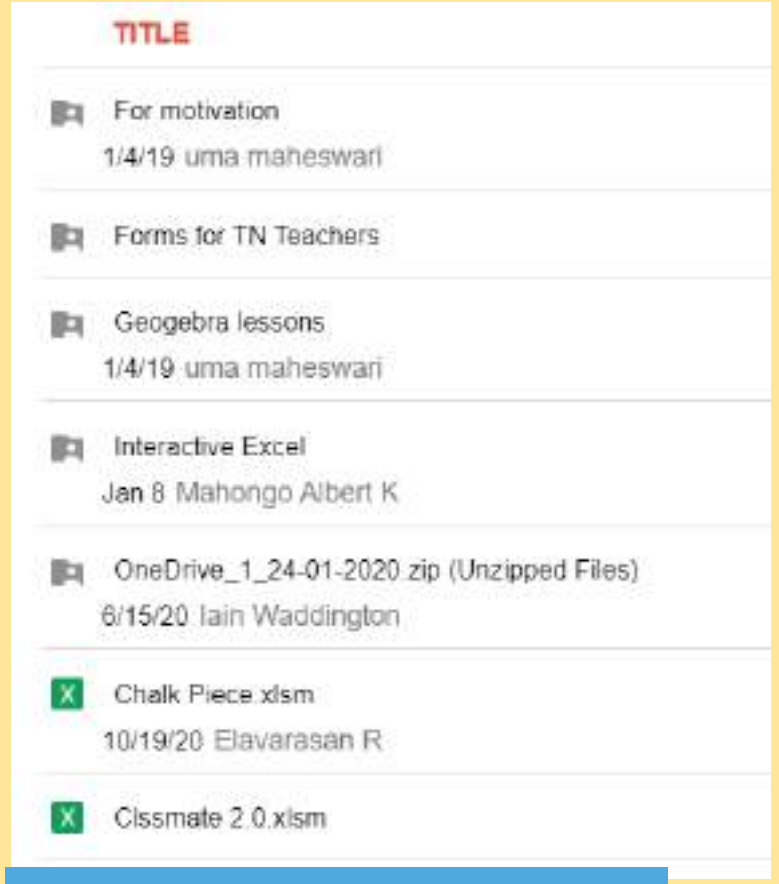
  This is the story of how we changed a few persons life and been a
- *Promoting good Habits* No More Borrowings - Our Story
- *Promoting good Habits* No More Borrowings - Event

Background:

It was my passion and career to upgrade my classroom global level and meet all the inspiring educators around th teacher, i faced hurdles in cultivating interest in the minds o and competitive exam aspirant i always search and try new t as a ACR (Action research). I started learning about Microso while sipping a coffee in a coffee shop. I read a few articles story from South Africa who loves teaching with less resource first spark to start moving. All about started from social media.

Became a Expert:

I started searching and found correct learning paths. It was not so many info at that time. Bu at that time. I started using many tools from the self-paced courses offered from Educati experience in becoming an Microsoft. At that time i did not aware even to showcase my MIE E



TITLE

- For motivation
  1/4/19 uma maheswari
- Forms for TN Teachers
- Geogebra lessons
  1/4/19 uma maheswari
- Interactive Excel
  Jan 8 Mahongo Albert K
- OneDrive_1_24-01-2020 zip (Unzipped Files)
  6/15/20 Iain Waddington
- Chalk Piece xlsm
  10/19/20 Elavarasan R
- Cissmate 2 0.xlsm

www.tnblackboard.blogspot.com

Our Award winning Projects

Our Inspiring stories

Our Digital Library

Professional Learning development

Teacher Skill development certification courses from many Platforms.

Professional Learning Development

Completed international courses and Certifications

Completed 246 Courses in Education.Microsoft.com

Completed 1 courses in Google.training.in

Completed 2 courses in Adobe.education.com

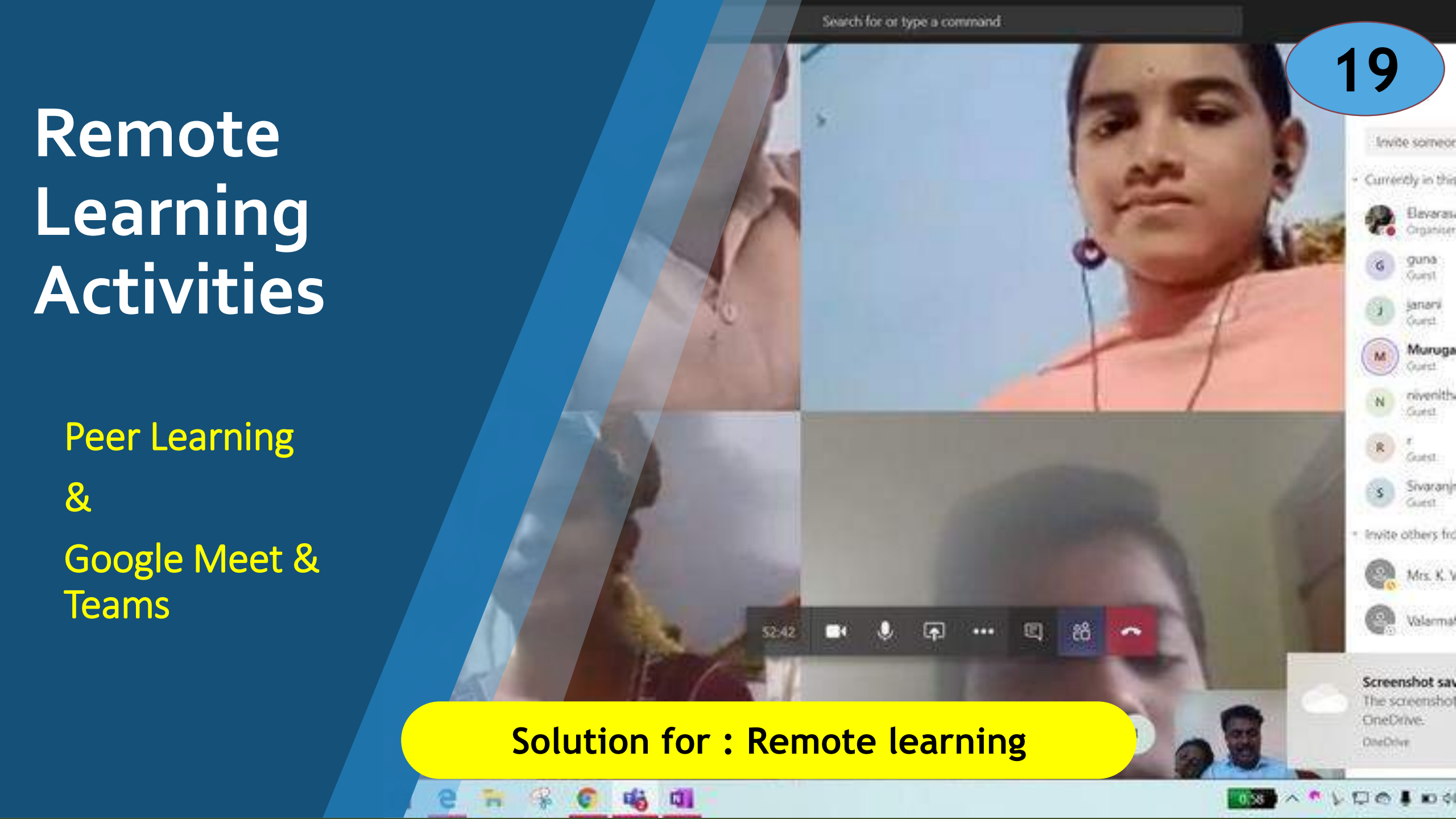
Google Certified Educator, Microsoft Certified Educator and Adobe certified Educator.

Remote Learning Activities

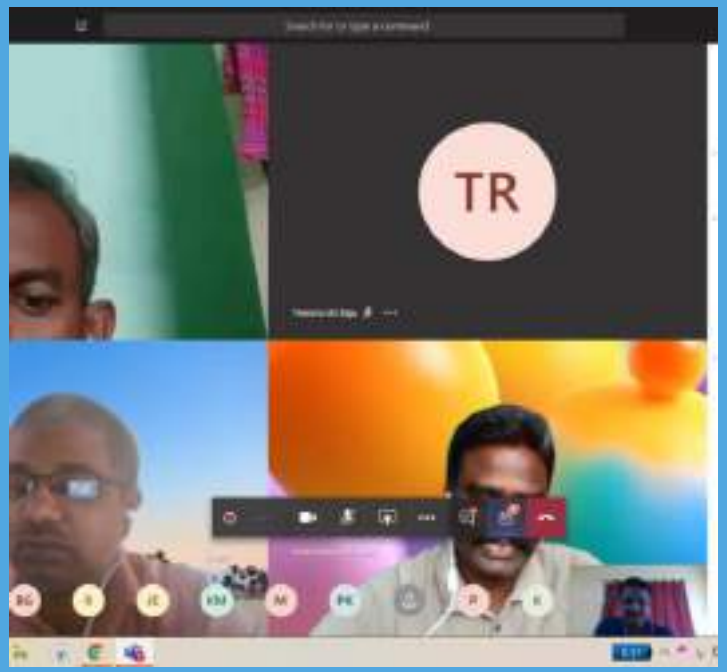
Peer Learning

&

Google Meet & Teams

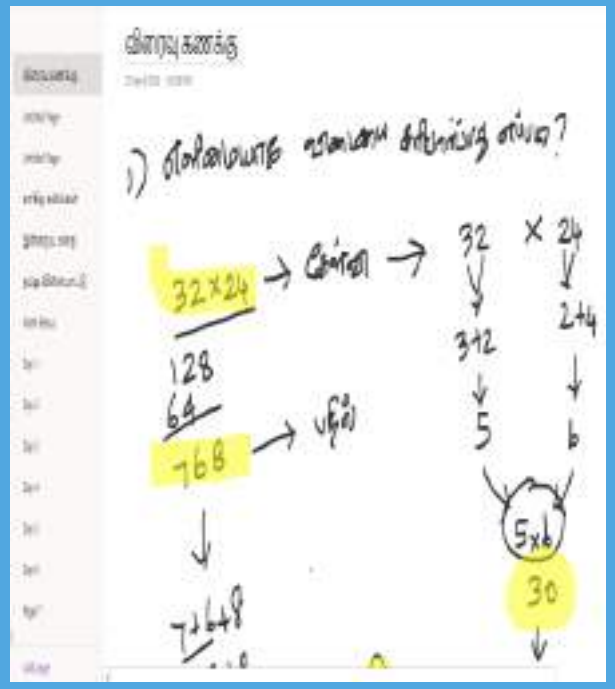


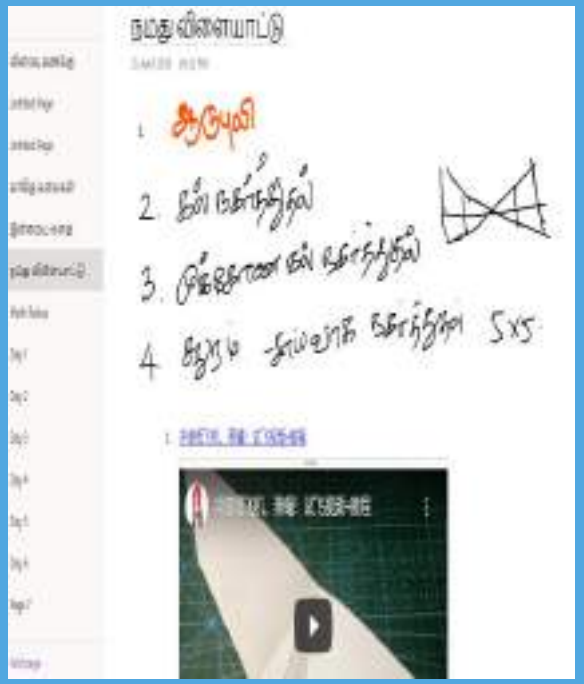
Activities – 40 live Sessions completed self-Paced session started



Activities – 40 live Sessions completed self-Paced session started

- ❑Stories
- ❑Speed Math
- ❑Cultural Games
- ❑Pandemic Safety
- ❑Handicraft sessions
- ❑Drawing sessions

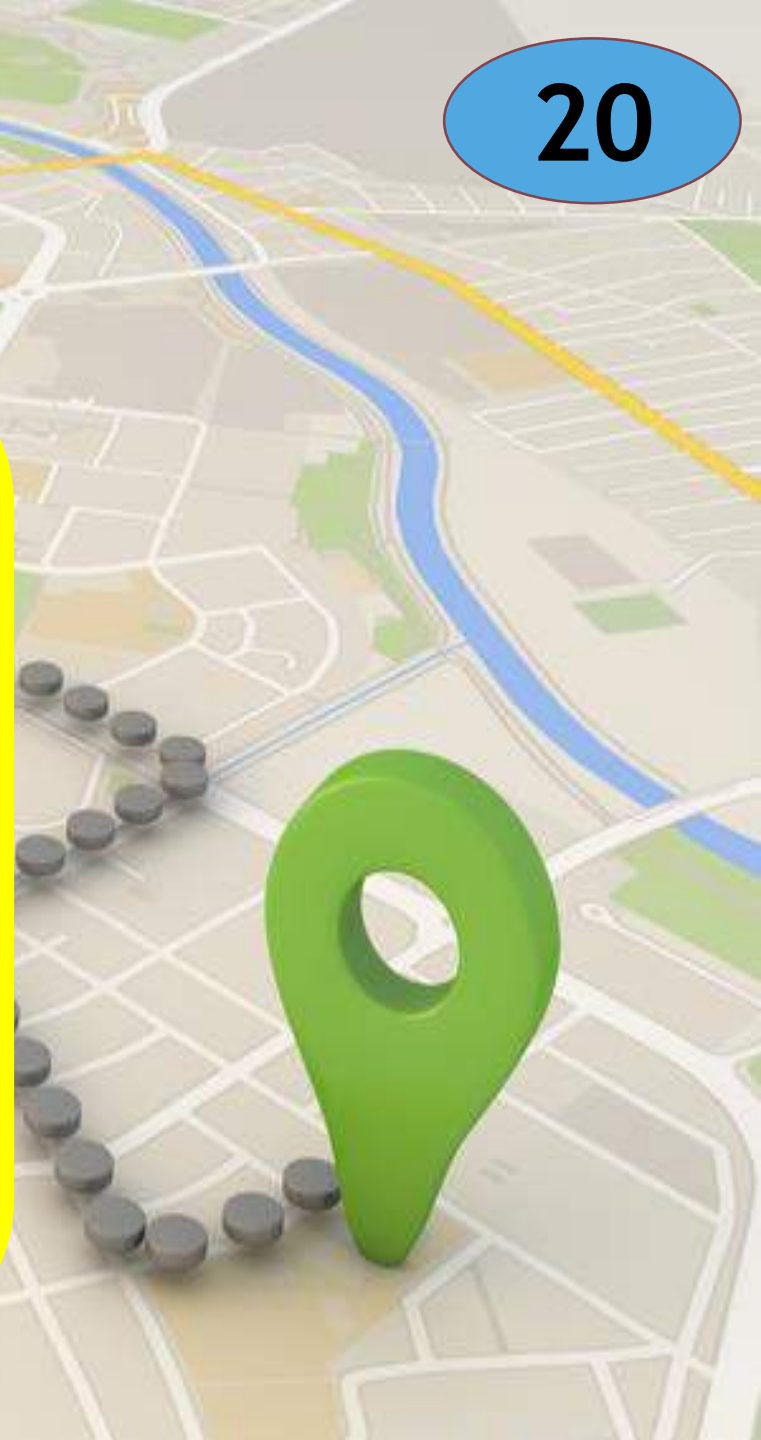




Link to Taught Concepts & Dates : Link click here!

Future Roadmap

- Create a school Digital Repository for all standards
- Implementing free info SMS Service
- Initiation of Coding Skills
- Creation of School Android app
- Student created self-learning Module
- Reaching at least one country classroom once in a month
- Digital Career Guidance network for students



Thank
You!