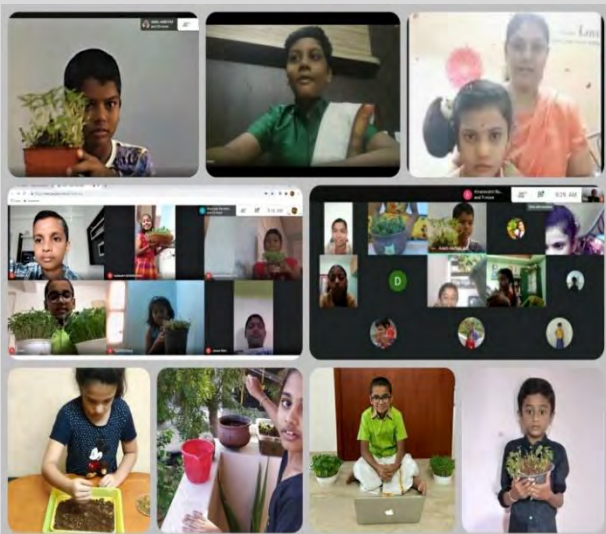


Newsletter

January '21

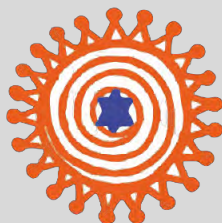


In this Issue:

- Seeds grow like me
- Pongal Card
- Warli painting
- We share the resources
- Facts and Opinions
- Life cycle of water
- Understanding patterns through Mandala
- We live in the World of symmetry
- Pongal Celebration
- Let's Respect our Traditional Beliefs

- Let's make our celebration colourful!
- It is time for demonstration.
- We learn better through Mind maps
- Playing with magnets – Magnetic
- Changes around us.
- Republic Day Celebration
- Circles are interesting

- Student led Parent-Teacher Meet
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- Online exams
- Maths – Grade XI
- Asynchronous learning
- IP- Grade XII
- Global Citizenship
- ASL – Grade XI
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- Seminar
- Go Green to Breath Clean
- Facial Expressions



**Chettinad
Vidya Mandir**

To educate individuals to become compassionate and responsible global citizens who contribute towards sustainable development.

Seeds grow like me



Pre.KG students learned to sow seeds and observed it's growth.

Pongal Card



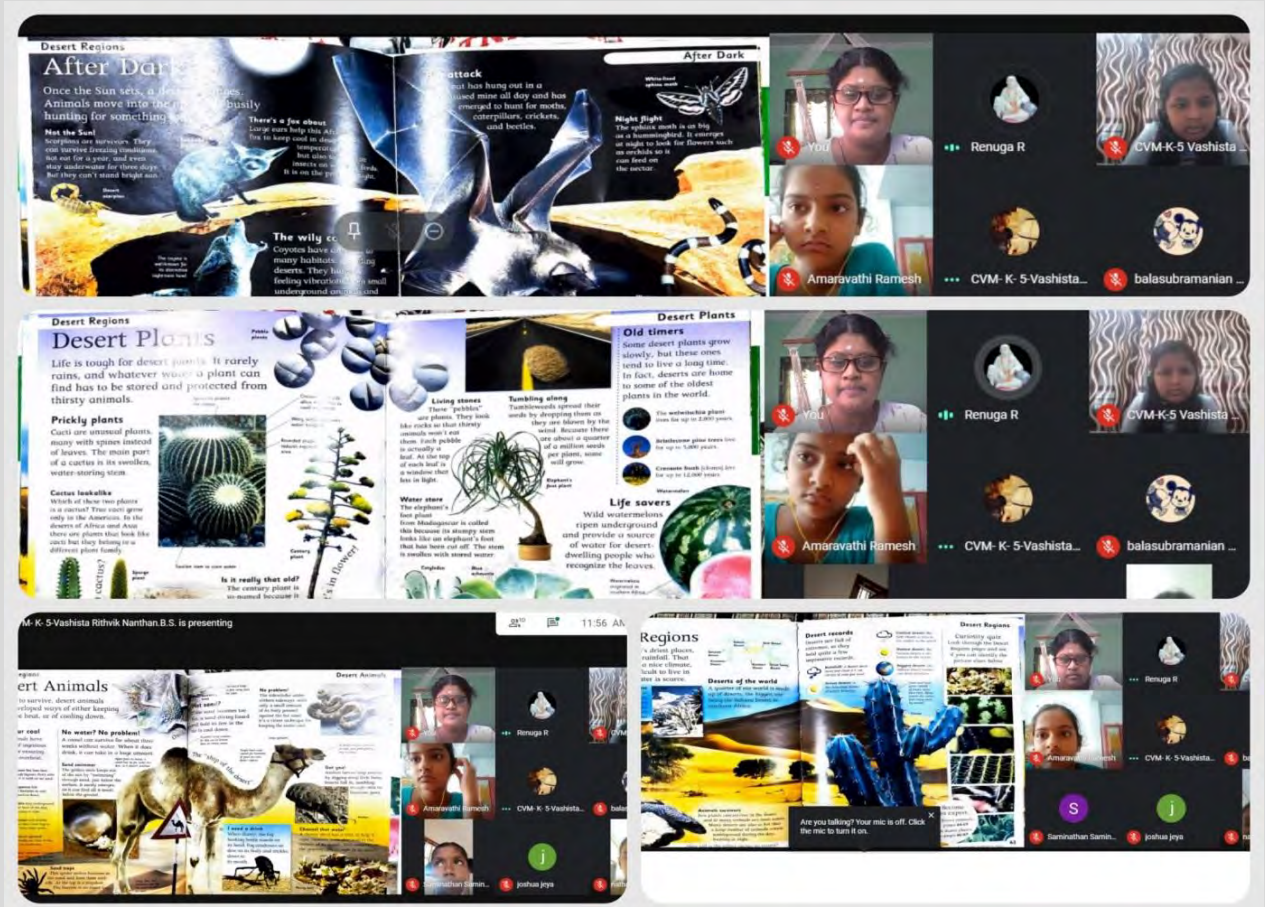
The students of Grade I made greeting cards on the festival, Pongal by using a software called Tux Paint.

Warli Painting



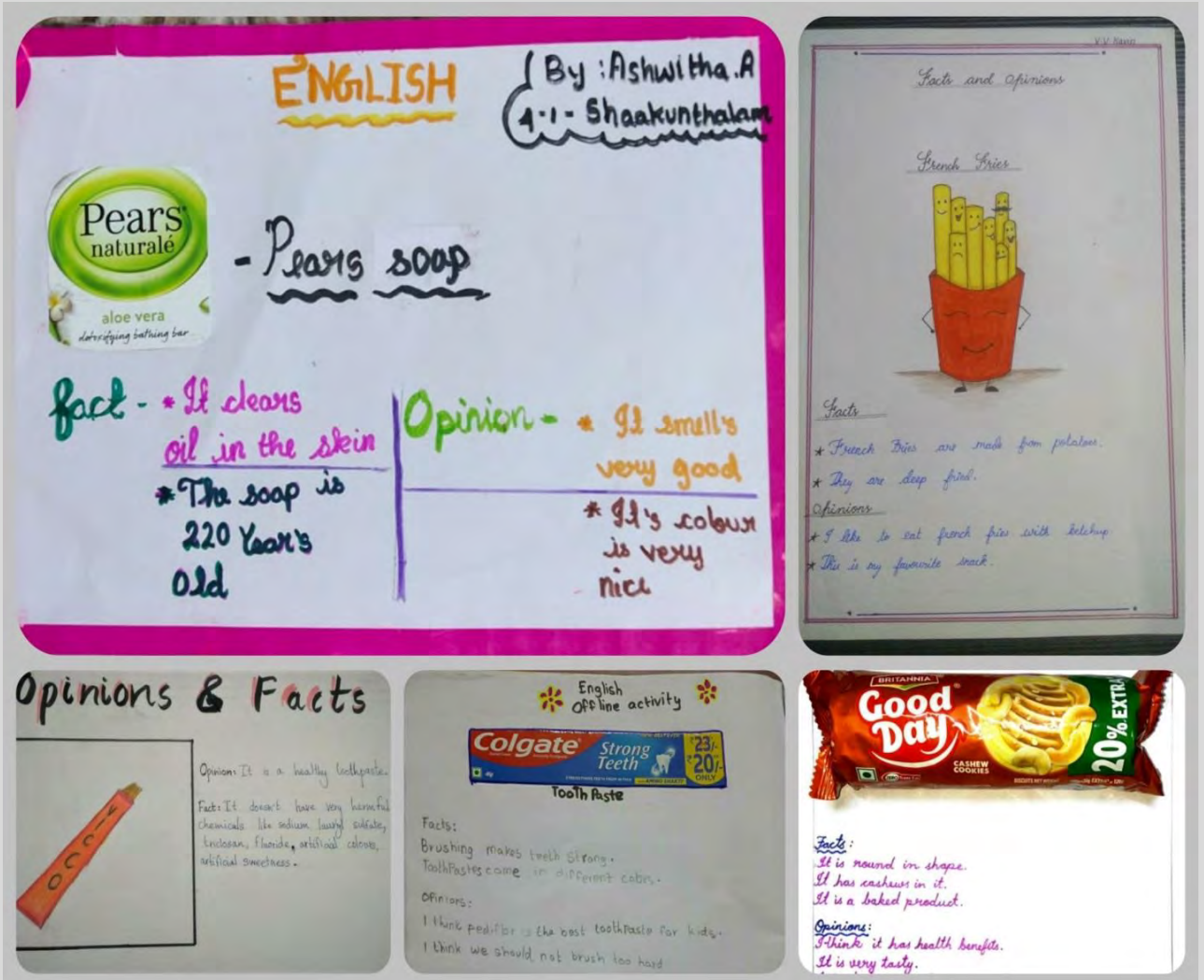
The simple lives of Warli tribe was depicted through art.

We share the resource



Student of Grade 5, Rithivik Nandhan, presented the details of desert region from his encyclopedia. His classmates learned the fine details of desert regions, and the hidden facts which were beyond their perception. It was a refreshing experience for students to learn together.

Facts and Opinions



Several advertisements were analyzed by the students of Grade IV, to learn the facts and interpretations of the advertised products. Such analysis enhanced the reasoning and persuasion skills of students.

Life cycle of water



Grade IV students designed a model of hydrologic cycle and understood the relationship between the liquid and the solid forms of water.

Understanding patterns through Mandala



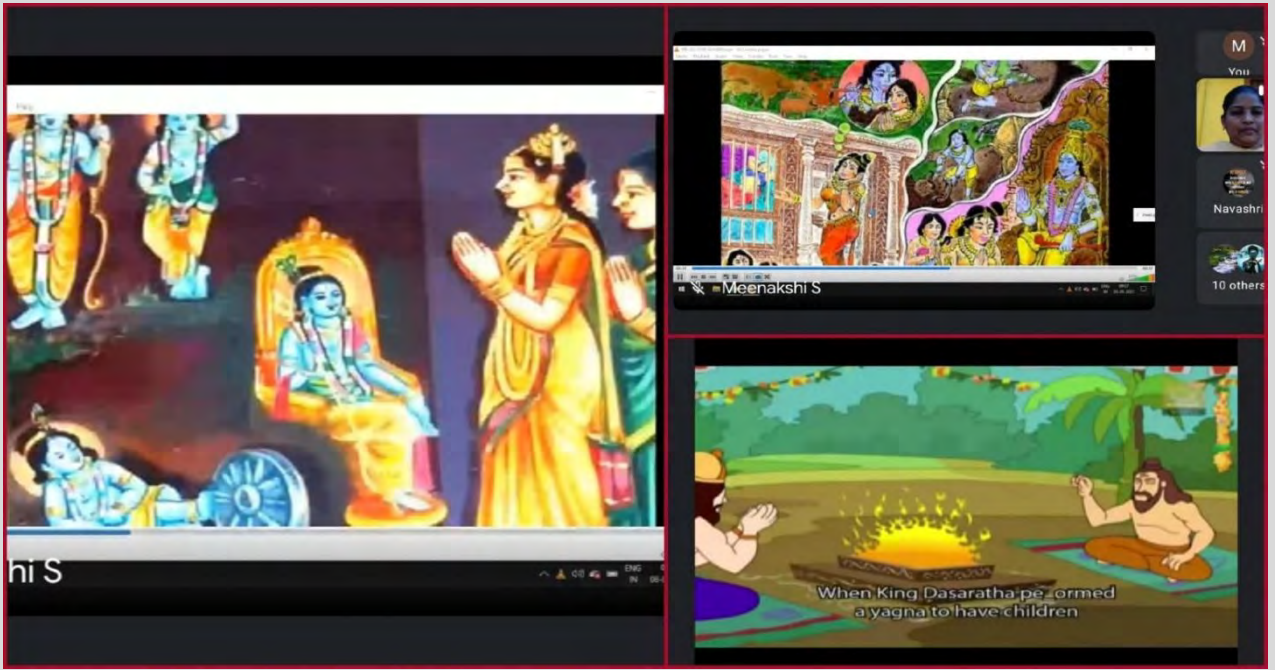
Grade V students analyzed repeated patterns & designs which are used for decoration in Rangoli, Islamic art, clothes and floor tiles.

We live in the World of symmetry



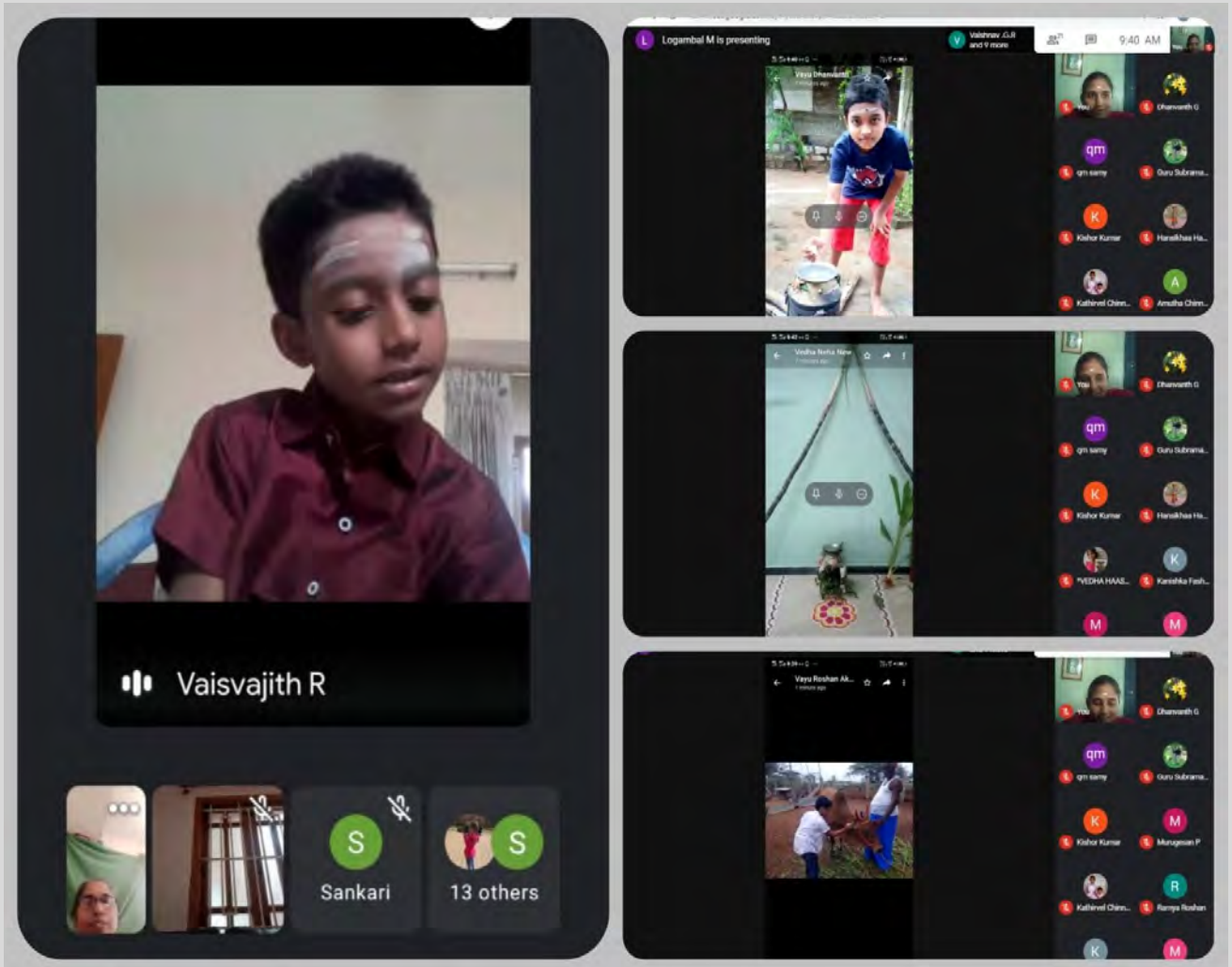
The students of grade V validated that, many things in the environment are symmetrical along the lines of symmetry.

Morning Assembly



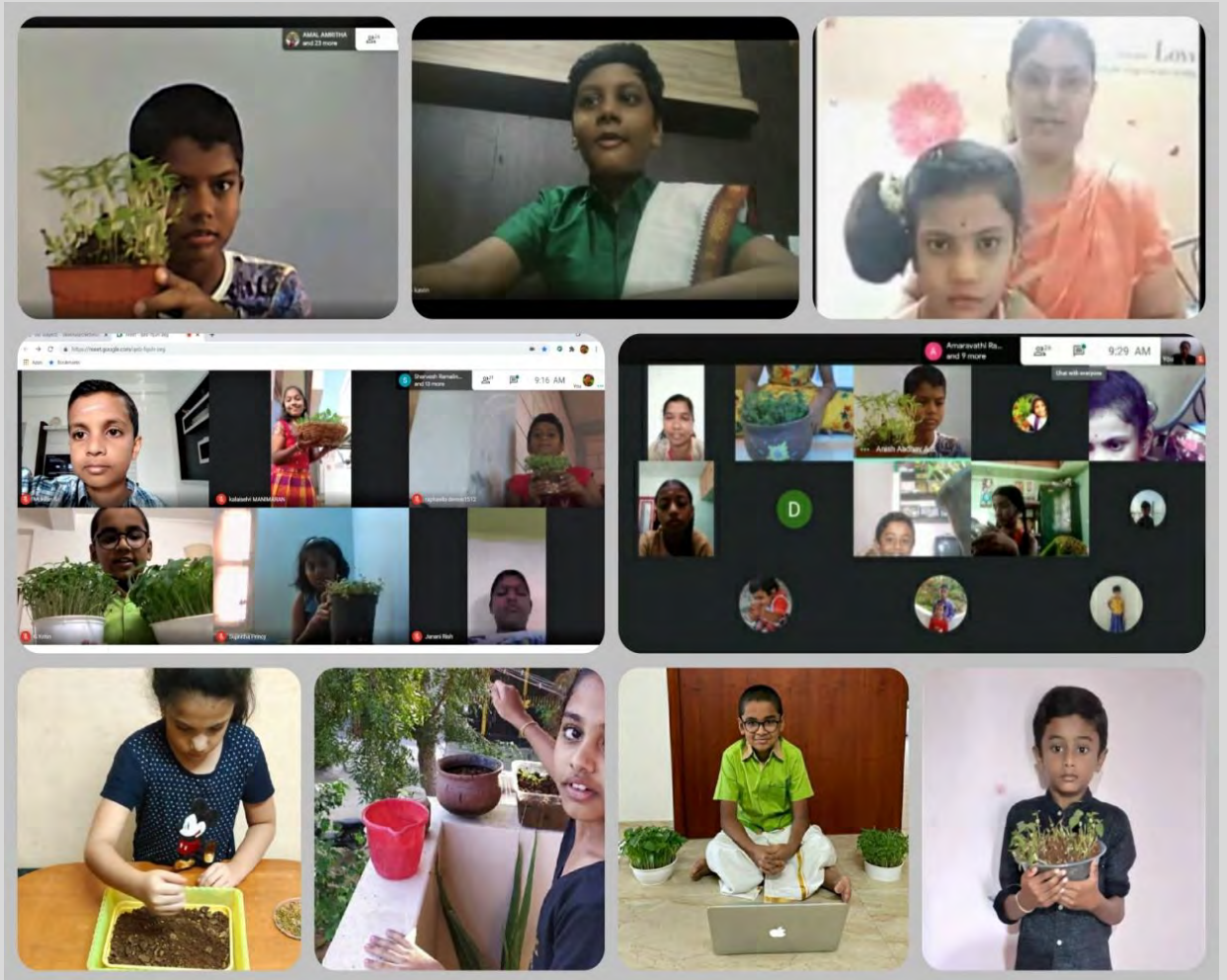
'Thiruppaavai pasurams' was recited everyday and the meanings of the 'pasurams' were explained to the students by the Acharyas during the month of Margazhi.

Pongal Celebration



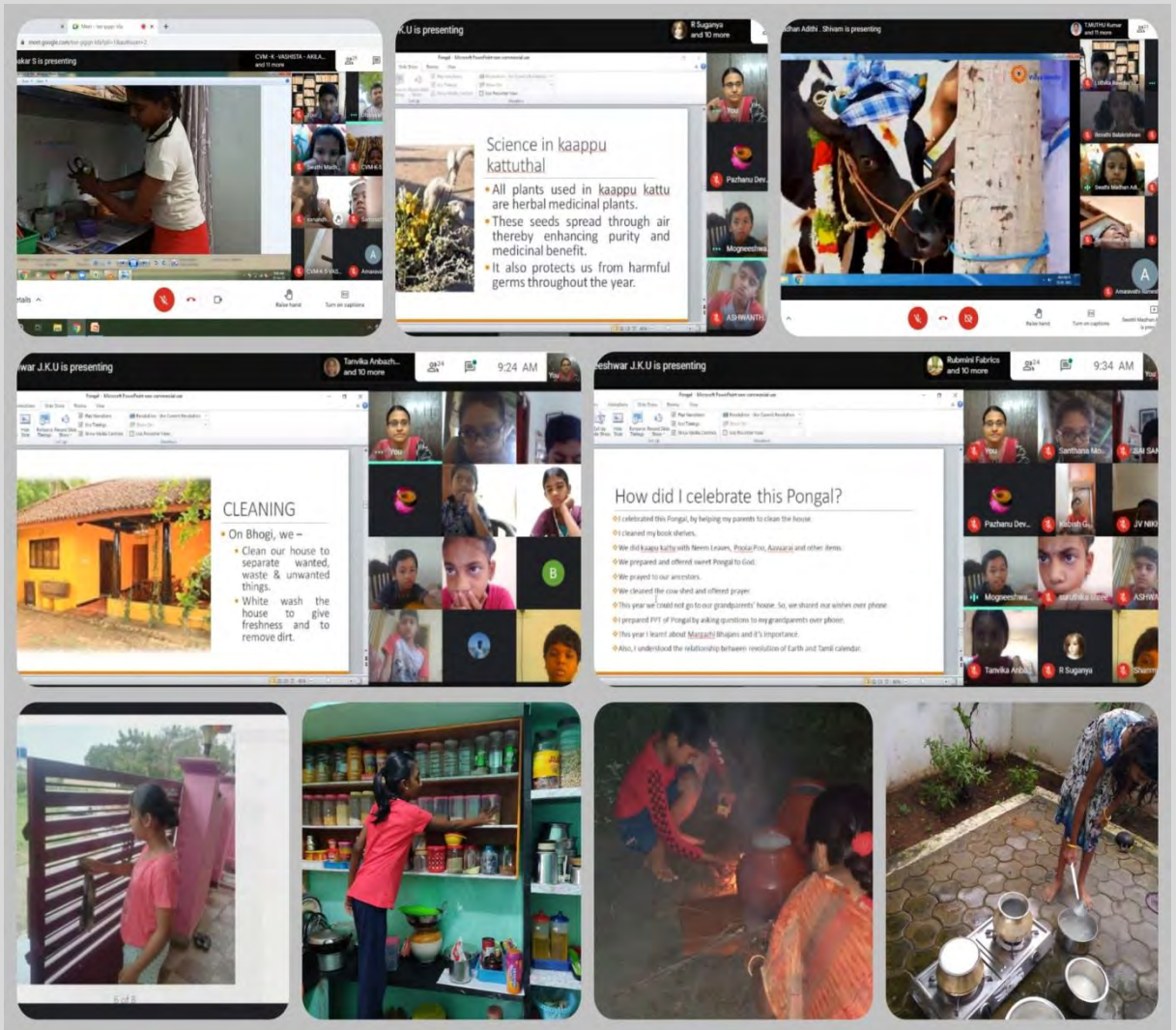
On the festival of Pongal, the students of Grade III to V, expressed their gratitude to Lord Surya.

Pongal Celebration



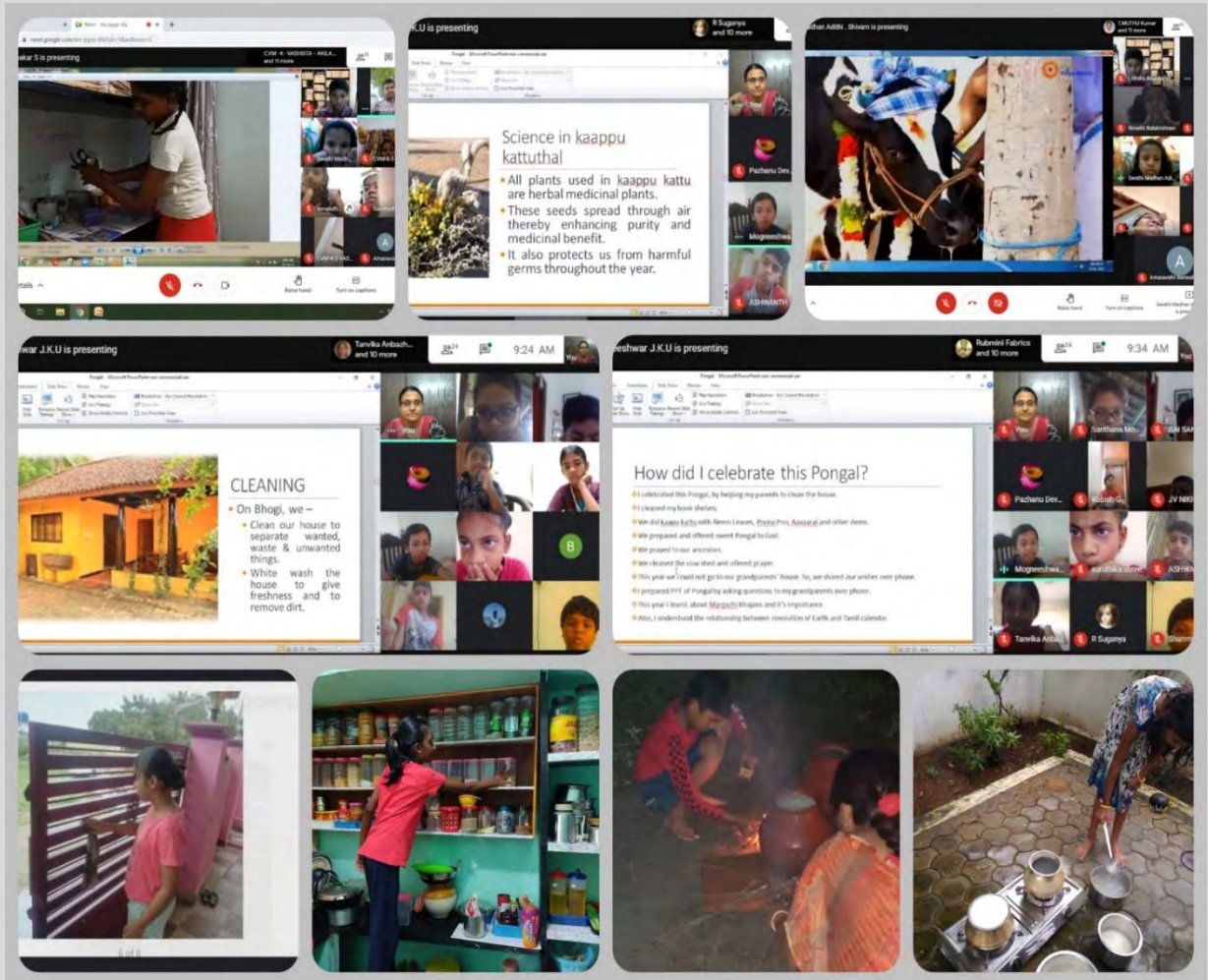
The students of Grade IV, created their own Mulpari - the sprouting of the Navadhanya in the earthen pots, bamboo baskets, plastic pots & tubs. This was carried out to represent symbolically on sowing good deeds, growing them cautiously and reaping the fruits of the good deeds.

Pongal Celebration



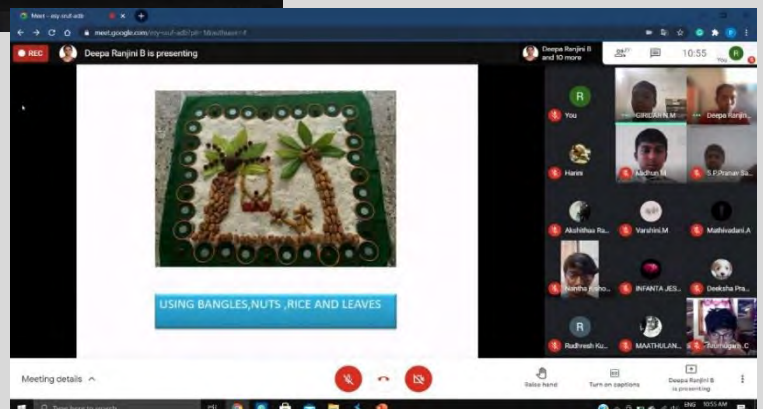
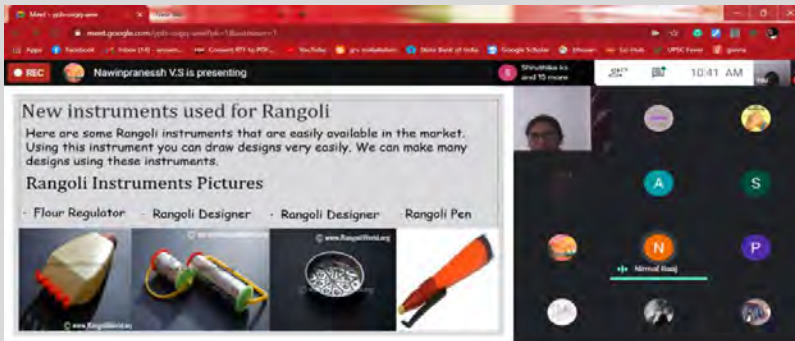
The celebration of Pongal festival among Grade 5 students, helped them understand the significance of cleaning the houses and maintaining with proper care. They also learned about the importance of 'Kappu Kattuthal'.

Let's Respect our Traditional Beliefs



The Grade 5 students learned the reasons behind cleaning the houses before the festival. They helped their parents in cleaning, engaged themselves in 'Kaappu Kattu' and carried out various practices such as, placing the neem leaves along with Aerva flower to eliminate the evil forces and also to mark new beginnings.

Let's make our celebration colourful!



Demonstration, Discussion



Grade VI students demonstrated their creativity through homemade volcanic eruption as an offline activity.

We learn better through Mind maps

Petroleum

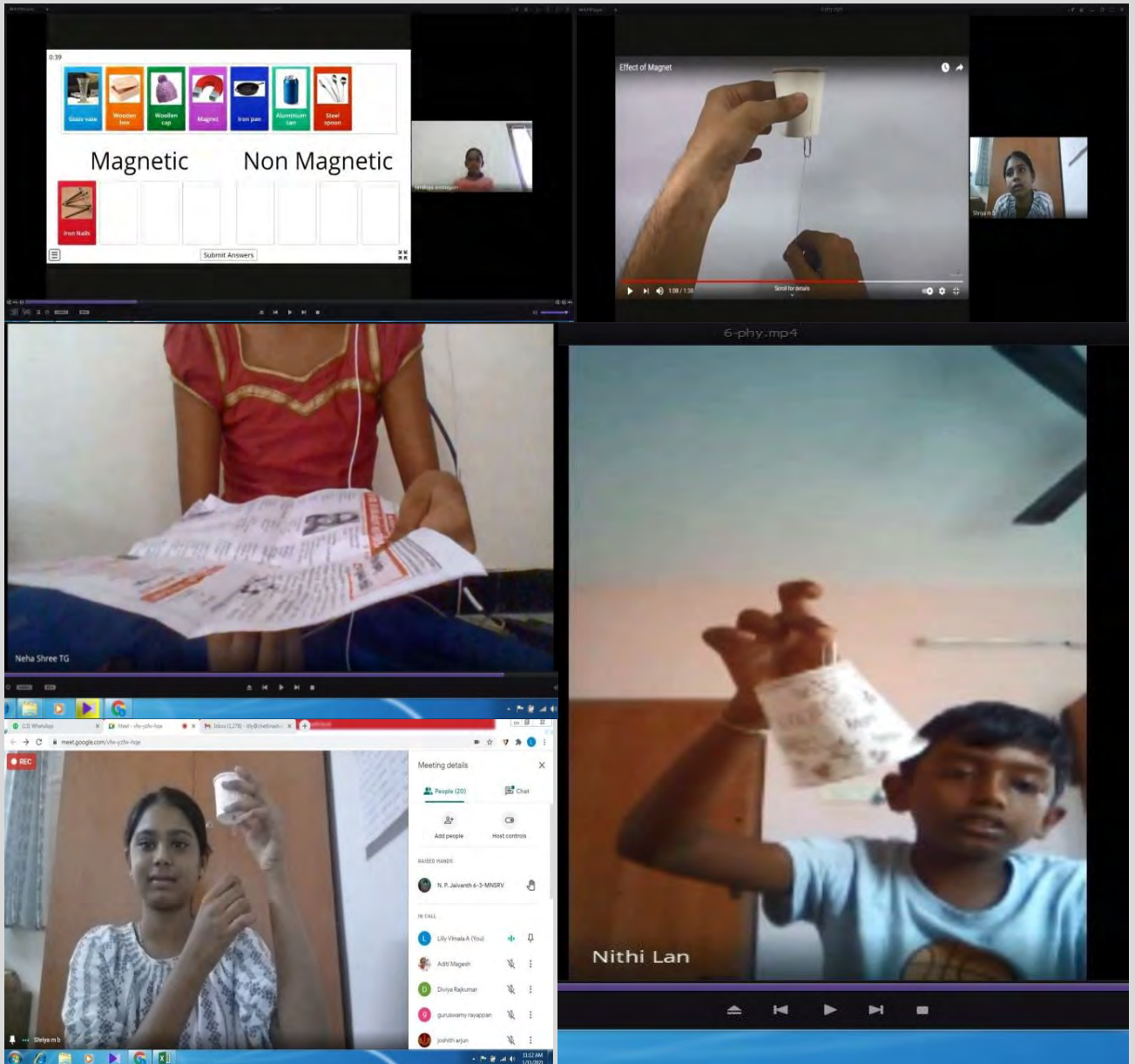
- Location:** petroleum is found in vast underground reservoirs where ancient seas were located. Petroleum reservoirs can be found beneath land or the ocean floor. Saudi Arabia, Russia, the United States, Iran, and China. In the United States, petroleum is produced in 33 states.
- Merits:**
 - No resources are limited.
 - It contributes to environmental.
 - It is a non-renewable form of energy.
 - Its transport can cause oil spills.
- Formation:** petroleum was formed from the remains of ancient marine organisms such as plants and animals.
- User:**
 - 1) Petroleum products are used as fuels.
 - 2) used in lubricating oils.
- Properties:**
 - Petroleum can be transported over long distances.
 - It provides a fuel that works with our infrastructure.
 - It can be used in a wide variety of ways.
 - Petroleum provides a stable energy resource.

Coal

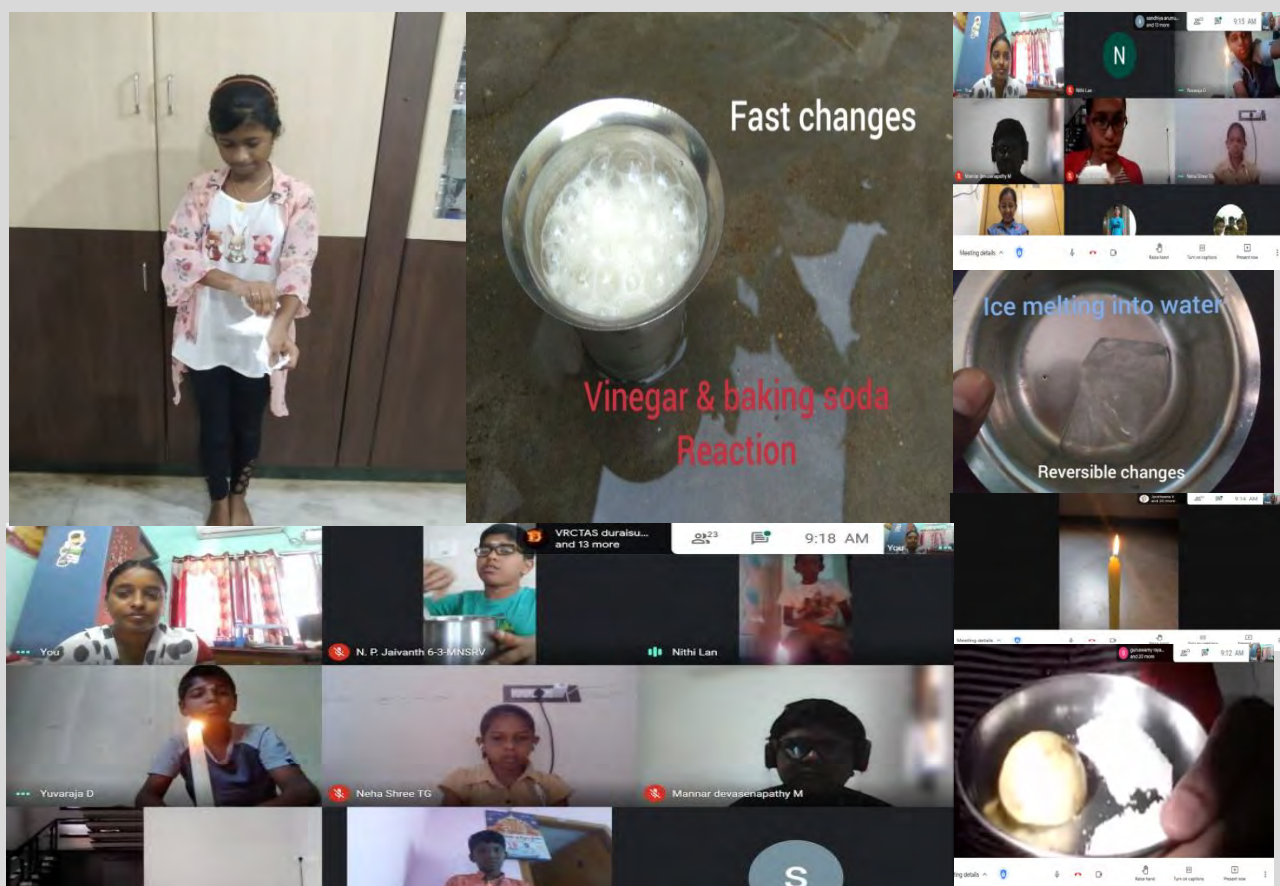
- Uses:** it is the base for many of our products. Paper, plastic, transportation fuels, such as gasoline, diesel, and jet fuel. These products are also used for heating and electricity generation.
- Formation:** it takes 100 million years to form. It is a dark solid. It is the remains of plants and animals that died and were buried under the ground.
- Merits:**
 - It is a non-renewable form of energy.
 - It is a fossil fuel.
 - It is a non-renewable form of energy.
 - It is a fossil fuel.
- Demerits:**
 - It is a non-renewable form of energy.
 - It is a fossil fuel.
 - It is a non-renewable form of energy.
 - It is a fossil fuel.
- Distribution:** it is found in many parts of the world. It is a fossil fuel.

Grade VIII students used mind maps as a tool to learn more about conventional sources and also shared their learning & understanding with their peers.

Playing with magnets - MagInetic



Changes around us....



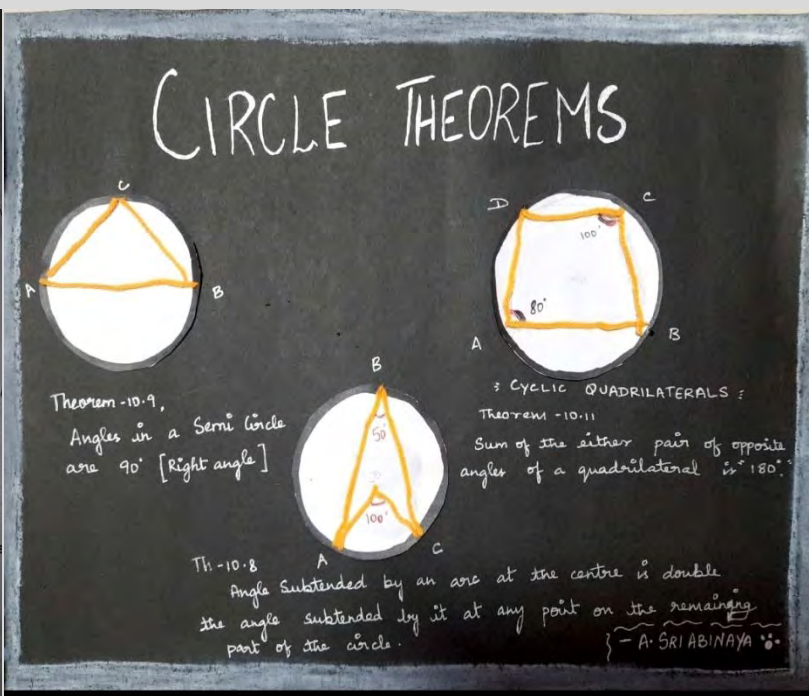
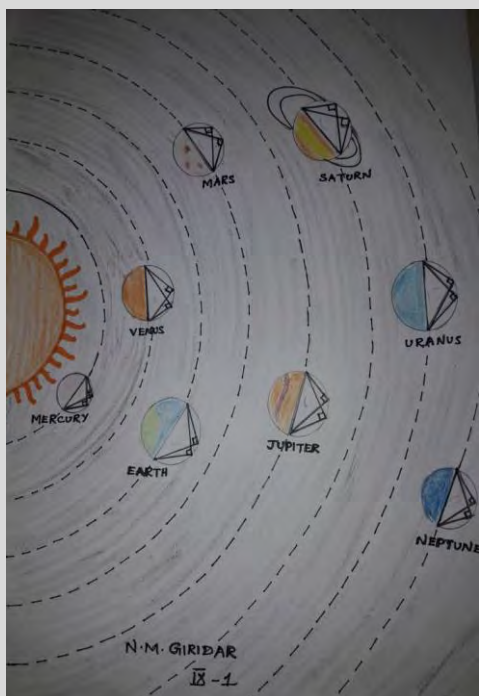
The students of Grade VI carried out few hands on activities to differentiate slow and fast, reversible & irreversible, physical & chemical change.

Republic Day Celebration



The first Republic Day was conducted both physically and virtually.

Circles are interesting..... We can make a lot of connections.



Student led Parent - Teacher Meet

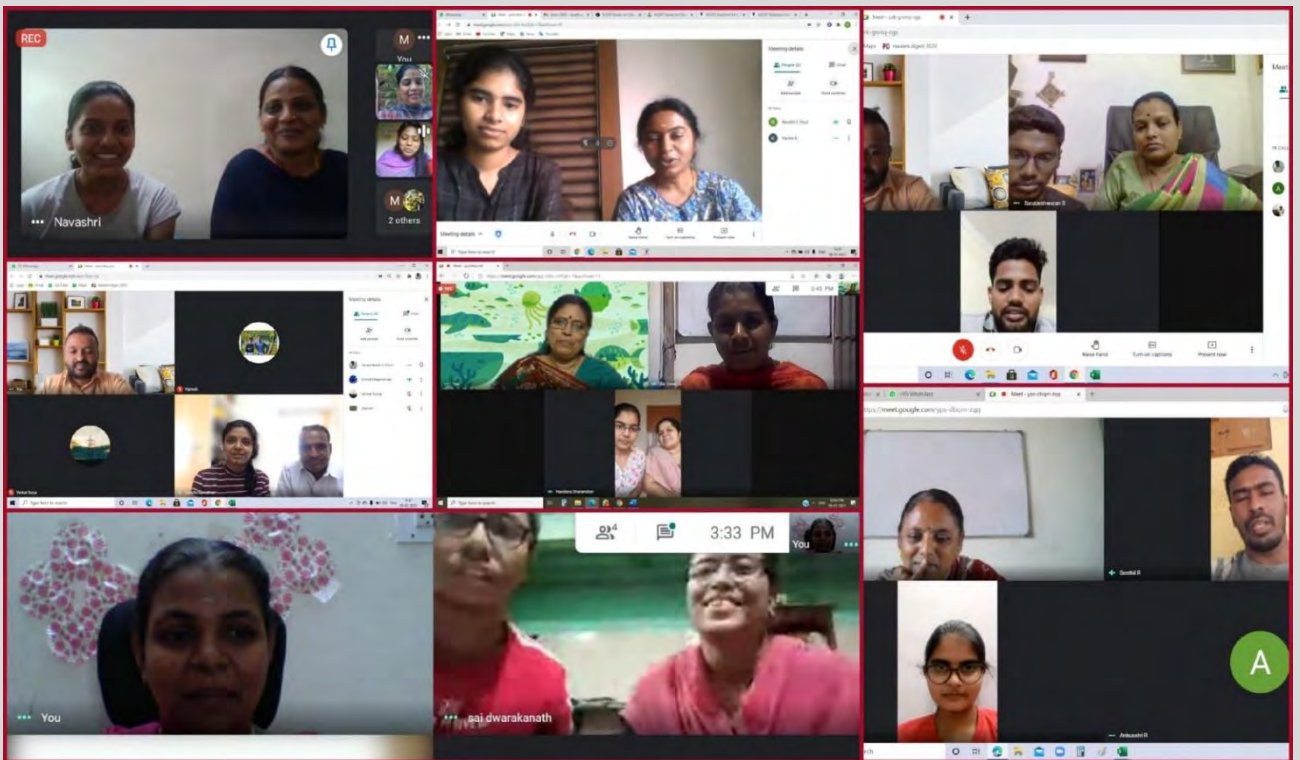
The top-left screenshot displays an Excel spreadsheet titled 'Book1 - Excel' with the following data:

| Grade: 9 - 4 | | English | Tamil | Maths |
|--------------|---------------------|---------|-------|-------|
| S.No. | Name of the student | 20 | 100 | 20 |
| 24 | Varunesh.V.R | 14 | 70 | 18 |

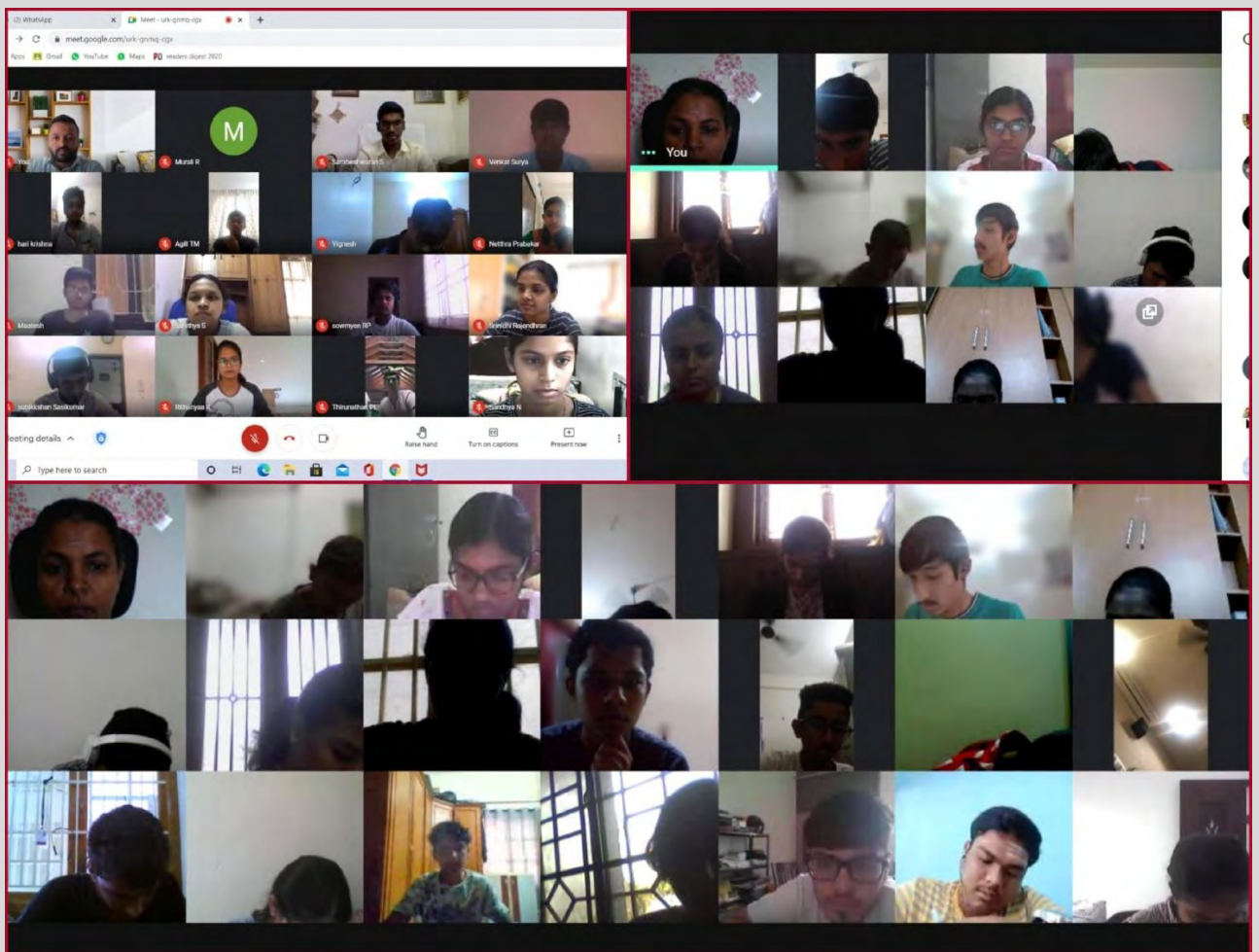
The top-right screenshot shows a Google Meet window with two participants. The bottom-left screenshot shows a Google Meet window with three participants. The bottom-right screenshot shows a Google Meet window with two participants and a list of other attendees on the right.

Parent-Teacher Meet

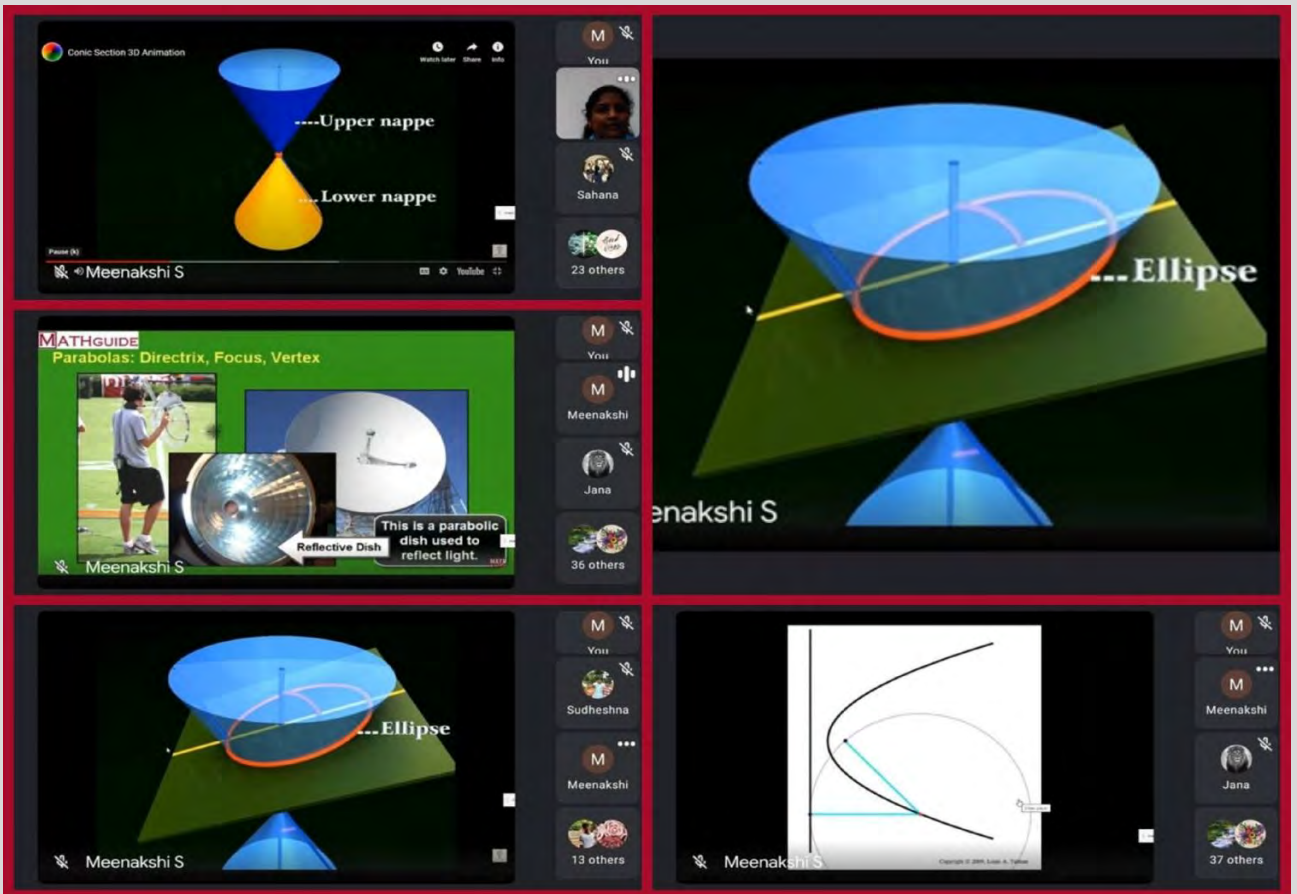
Self reflection



We go online - exams, invigilation, evaluation and what not?.

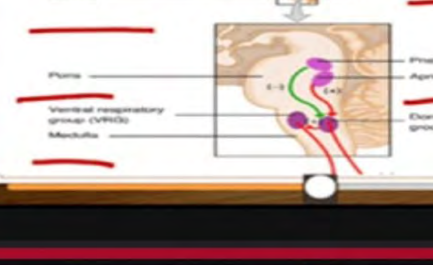


Maths – Grade XI



Conic sections, applications of Parabola and Ellipses was discussed through animations for Grade XI students learn and understand better.

Asynchronous learning



Respiration Centre's Of The Brain

The neuronal signals transmitted between respiratory centre's of the brain and the muscles in the chest and diaphragm modulate respiration. There are three main centre's of the brain that regulate breathing. They are present in the medulla and the pons region of the brain. They regulate breathing by stimulating the contraction of the intercostal muscles and the diaphragm.

People (13)

Chat

Add people Host controls

RAISED HANDS

Sree Arya Charsan J

IN CALL

Surya A (You)

GOPRI ANAND R

Jana Bala

- When pO₂ is low pCO₂ is high.
- When pCO₂ is low pO₂ is high in the alveoli. In this place the the CO₂ molecules which are bounded to the heamoglobin are delivered to the alveoli.
- The enzyme carbonic anhydrase helps for the following reaction.

$$\text{CO}_2 + \text{H}_2\text{O} \xrightleftharpoons{\text{carbonic anhydrase}} \text{H}_2\text{CO}_3 \rightleftharpoons \text{HCO}_3^- + \text{H}^+$$

carbon dioxide carbonic acid bicarbonate

People (14)

Chat

Navashri

rrGowtham 1

Palaniappan 31

Rithanya M

Riyvarth KS

Shivani Basikaran

Sree Arya Charsan J

Sri Meenalakshi

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People (13)

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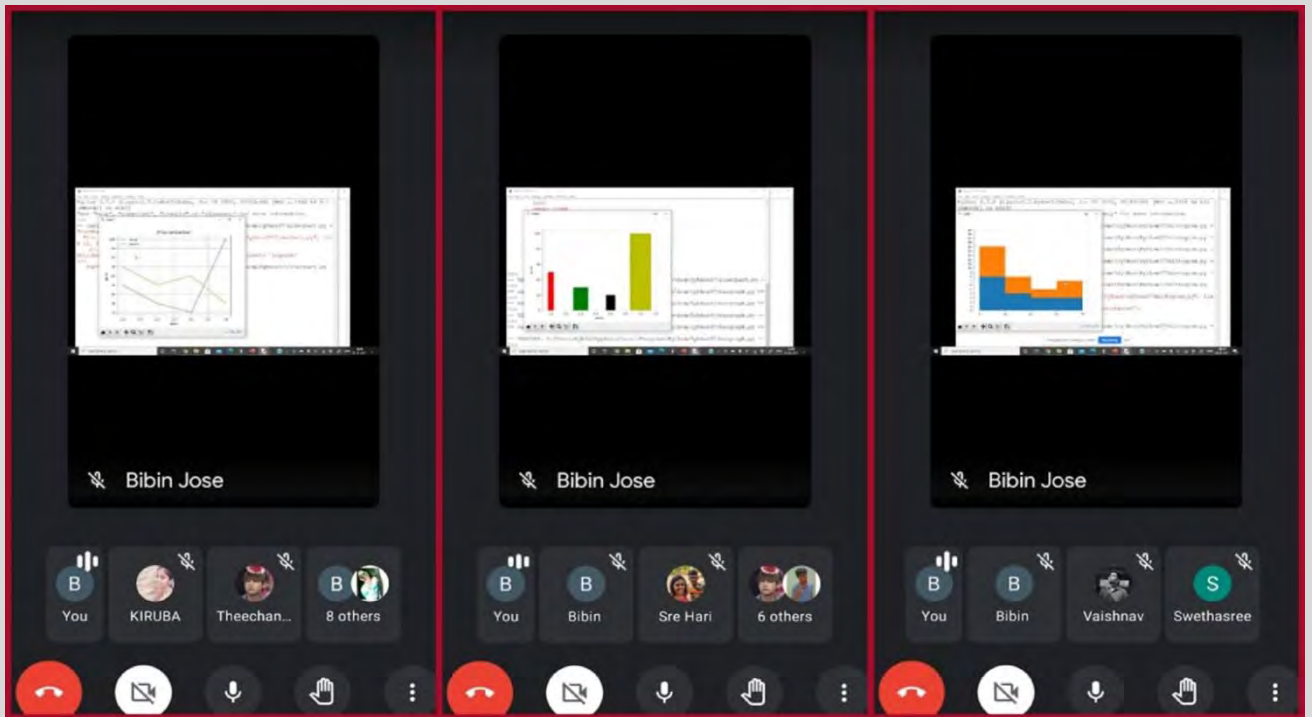
Shivani Basikaran

Sree Arya Charsan J

Sree Arya Charsan J

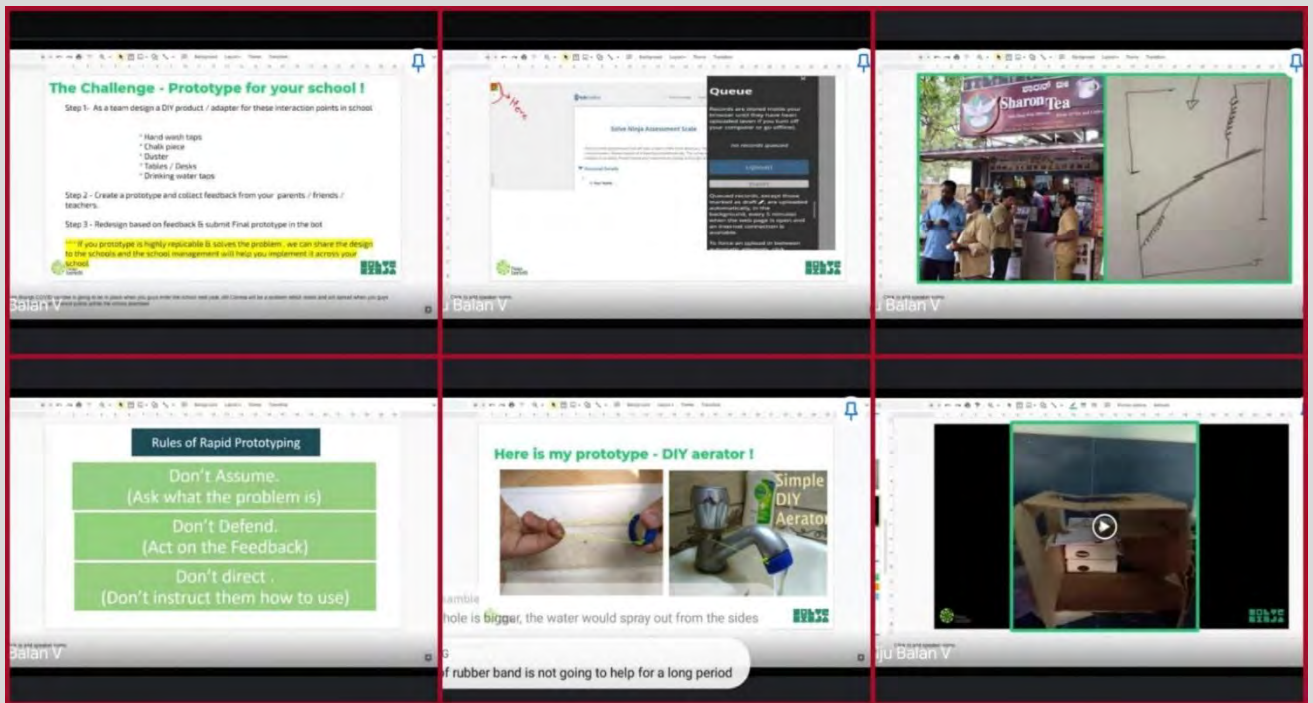
The students of Grade XI read, comprehended and presented their learning on '**Breathing and Exchange of Gases**'.

IP- Grade XII



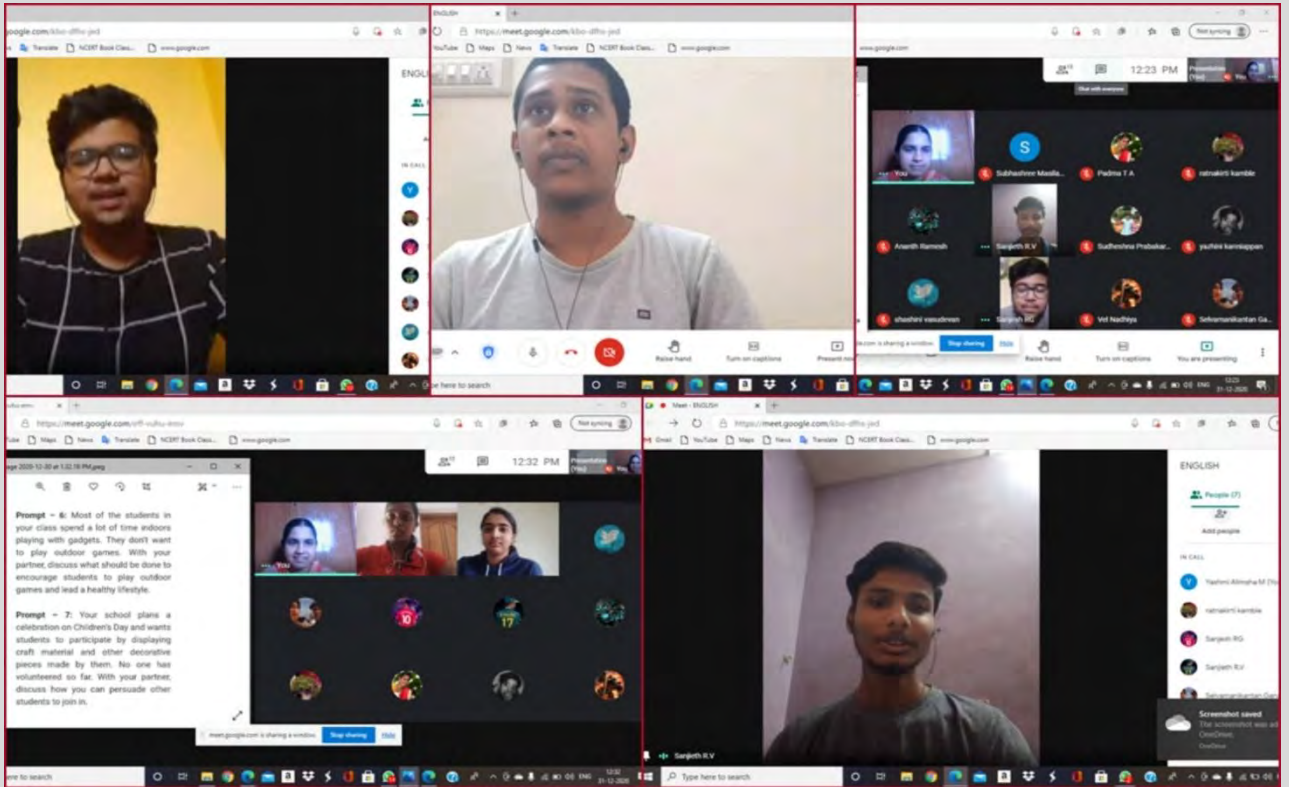
Online tools were helpful in creating charts for comparison of concepts.

Global Citizenship



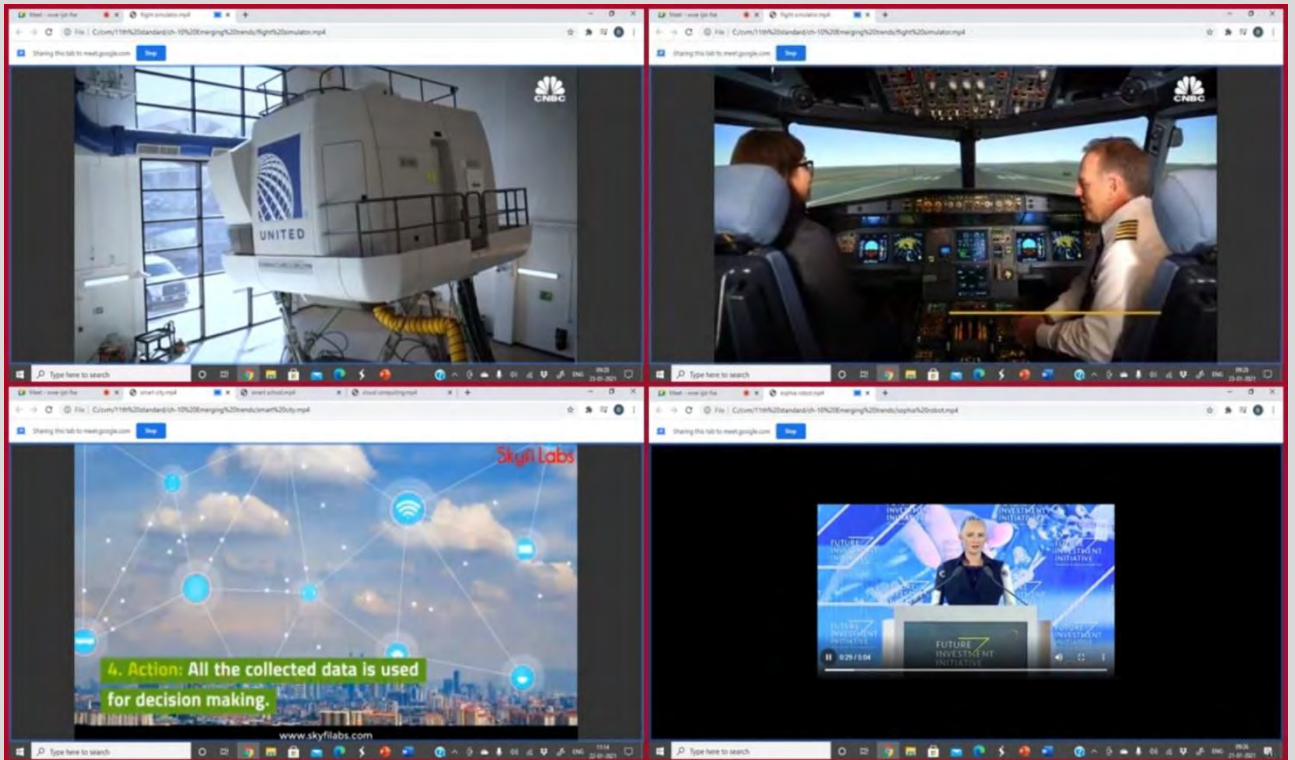
The GC session, involved identifying the technical tools and gadgets which are used in schools and homes. Children learned rapid prototyping technique (RPT). They were also given the task to design and make models for drinking water & hand washing centers.

ASL – Grade XI



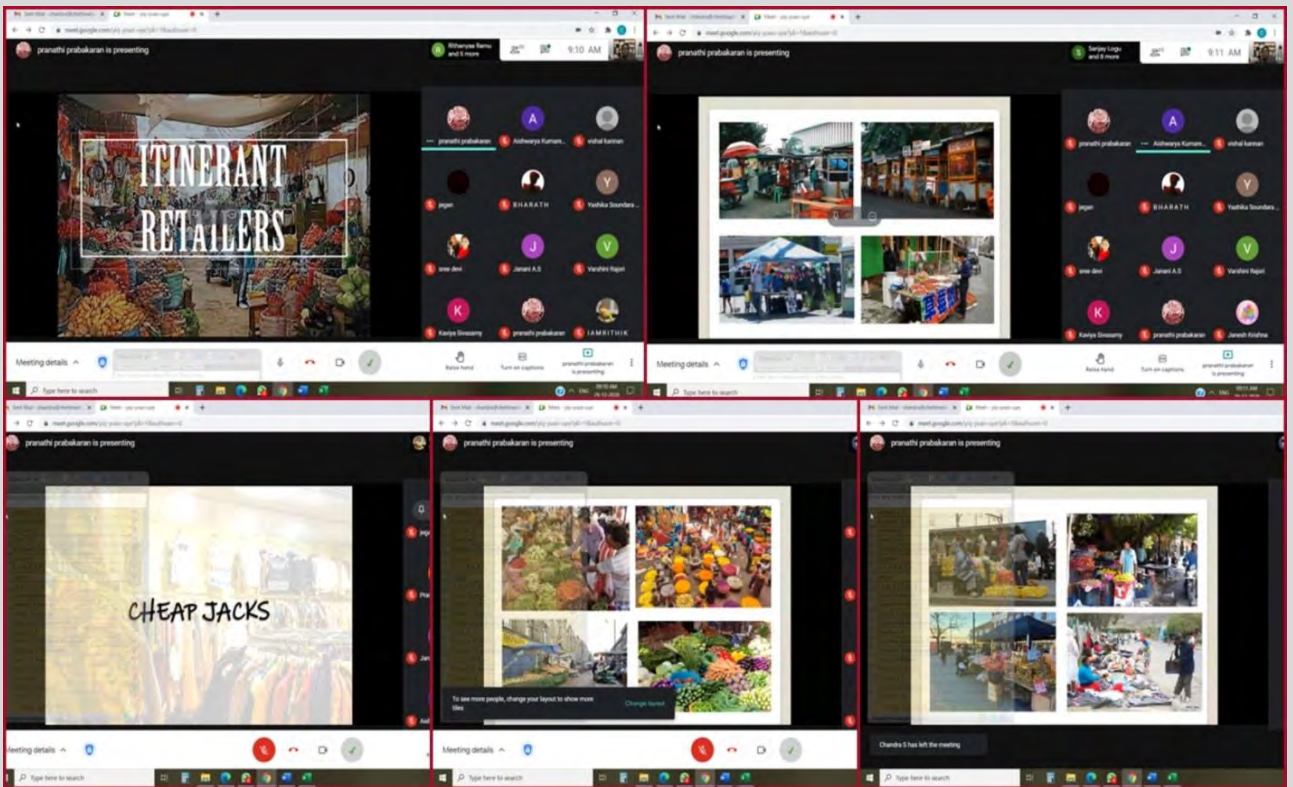
Assessments for Speaking and Listening was conducted online which was a new experience for the students.

Video Lessons



Robotics, simulation and smart city concepts were taught to Grade XI students.

Seminar



A student led seminar on
'Internal trade- Types of retailers'.

Go Green to Breath Clean Posters for a sustainable living

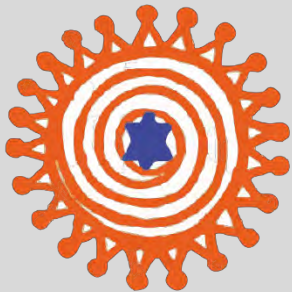


Grade XI students participated in poster making on the topic '**Go** green to breathe **clean**', as part of the offline English activity.

Facial Expressions



The students expressed their varied emotions for the well being activity '**Me**'.



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