



**Epistemo**  
Vikas Leadership School

# Epistemo **Lemur's News**



Message from Head of the School, Ms. Padma Kolli

Dear Parents,

Staying indoors can be challenging and most of us are trying to routine in place and follow a structure. I have jotted down few points in helping set up a structure.

The daily routine creates a sense of order among the children and puts their discipline in place

- Morning routine: wake-up time, getting dressed, breakfast and attending to online school.
- Afternoon/Evening routine: Let children help you in the kitchen or share few chores. Helping you with the chores develops a sense of responsibility in children. Allocate a social time with their friends over the phone via a video call in your presence, followed by an active play or evening exercise and a set time to do their homework.
- Bed routine: family dinner time, brush, reading a book to the children and early to bed. Please try to keep the bed time routine to reasonable range between 8:30-9:30pm. Proper sleep and rest is required for the children during the growing stages and too little sleep makes it challenging for the children to deal the next day routines.

Dear parents please take time for yourself, eat healthy, exercise and get enough sleep. Find ways to de-stress yourself. Please take deep breaths during stressful times at home and reach out to us for any kind of help.

Parents are most welcome to come up with articles like healthy diet, parenting, and emotional wellbeing in children etc., to help the rest of the parent community. We can post them on our school website parent's portal blog.

### ***Tribute to our Founding Chairman.***

Epistemo on 17<sup>th</sup> September paid a tribute in loving memory of our founder Chairman Shri Koteswara Rao, stalwart and visionary who was a father figure, friend, philosopher and guide for the thousands of students and educationists alike. In a simple remembrance ceremony, the school recalled the contributions of this great soul, who with his phenomenal energy and generosity, was the bulwark on which Vikas and Epistemo stand today.



**We take pleasure in bringing to you our September Edition with the happenings of the entire month.**

Constant efforts by the school and the teachers have best adapted to the online mode of conducting classes and has left no stone unturned to ensure that the quality of education is not affected. Several guest talks, activities are also being held alongside the regular classes. The students have been assured continued quality learning that will enable them to take exams and succeed.

The best preparation for tomorrow is doing and giving your best today.

Teaching is more than imparting knowledge; it is inspiring change.  
Learning is more than absorbing facts; it is acquiring understanding.

***-William Arthur Ward***

September was an eventful month with an array of educational learning, fun, excitement on one hand and a serious affair of ongoing revisions for the First Term Exams on the other. From Grade 2-10 all our lemurs geared up for the exams and preparation were in full swing. A revision plan was made and followed across all the grades. Systematic revision plans helped students in getting ready for exams with absolutely no fear of stressing out and doing their exams with utmost ease!

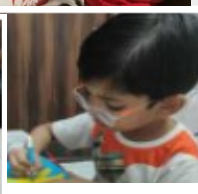
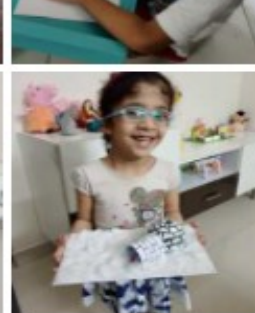
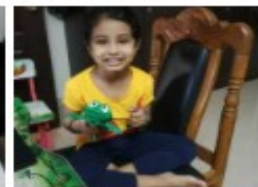
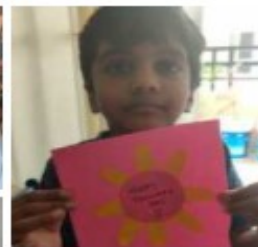
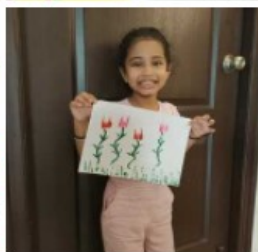
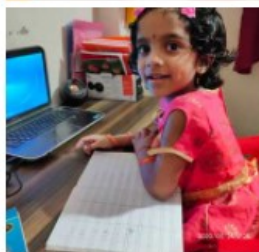
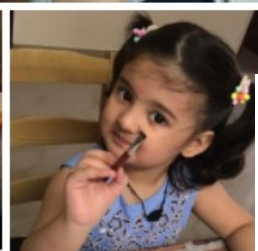
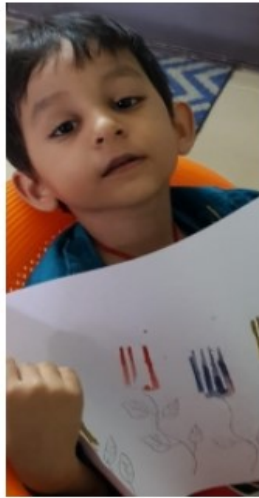
Wishing our Lemurs 'All The Best'

**PP's Activity based learning:**

Lemurs learned at their own pace through various supervised activities. It is a more engaging and interactive way of teaching children. It allows for monitoring factors such as speech, coordination, social skills, and motor skills, amongst other key factors. Engaged lemurs in learning and discovery with hands-on activities that allow them to get creative while developing numeracy, EVS, reading, writing, and emotional learning skills.

**Activity based learning Link:** <https://photos.app.goo.gl/b9zbKJq22GArdmZC9>







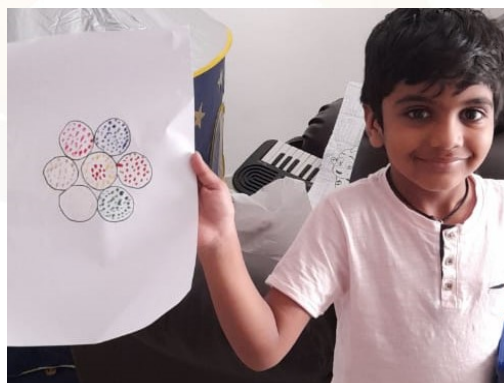
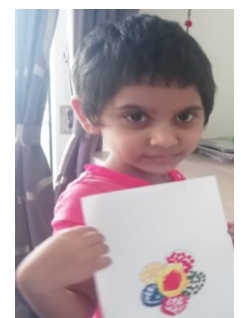
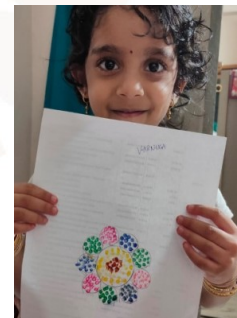
## Celebrations:

### Onam Celebration



The celebrations started with setting up an attractive floral decoration (pookalam) that was reminiscent of the agrarian past of Kerala, a South Indian state. Impressive designs and artistic creativity were the hallmarks of the Pookalam, which turned out to be attractive and mesmerizing and took everyone into a world of festivity and fun. The learners graced the program with their cultural dances.

**Onam Celebrations Link:** <https://photos.app.goo.gl/GtyM9z859axX2g1a6>



## Teachers' Day Celebrations:

**IF THERE WERE NO TEACHERS,  
ALL OTHER PROFESSIONS WOULD NOT EXIST**



**TEACHERS' DAY 2020**

Teaching is not a profession, it's a blessing! No job in the world can make you feel so special and loved.

The 2020 Teacher's Day was a day complete with laughter and handmade love from the student council and the grade 10 lemurs. This virtual celebration planned and executed by the student council began with a few introductory lines by our Grade 10 student, Karthik. The program moved on to a reverse classroom event, where the Deputy Head Boy, Surya Pranav, attempted to unravel the complexity of the Basel problem to his own teachers. The class was met with harmless humor by the teachers and other members of the student council, which was thoroughly enjoyed by everyone. It ended with the teachers asking (in the fashion of students) for a sports period. To meet the demand of an activity-driven class, the Head Boy, Pardhavesa, attempted to encourage his teachers on making an origami chicken but was once again met with a flurry of protests against the class. It was safe to say if anyone learned anything from this activity, it was the students, who realized the difficulty of their teachers' jobs, and how well their own teachers could mimic them.

The next event in the program was a skit by the members of grade 10. In this skit, a humorous version of how students attend online classes was put to show, where some brushed, slept, and danced, all while their teacher attempted to move along with the syllabus. After that heartwarming video, which made everyone laugh wholeheartedly, the teachers and students split off into various groups, where they participated in a few rounds of Pictionary, put their brain to use for a series of riddles, and in some groups, participated in karaoke and a quiz. To wrap the celebration up, the Head Girl Srujana gave a vote of thanks and bid everyone farewell.

**Teacher's Day Link :** <https://photos.app.goo.gl/zUpDAIqZiHVscVmIA>



## Hindi Diwas

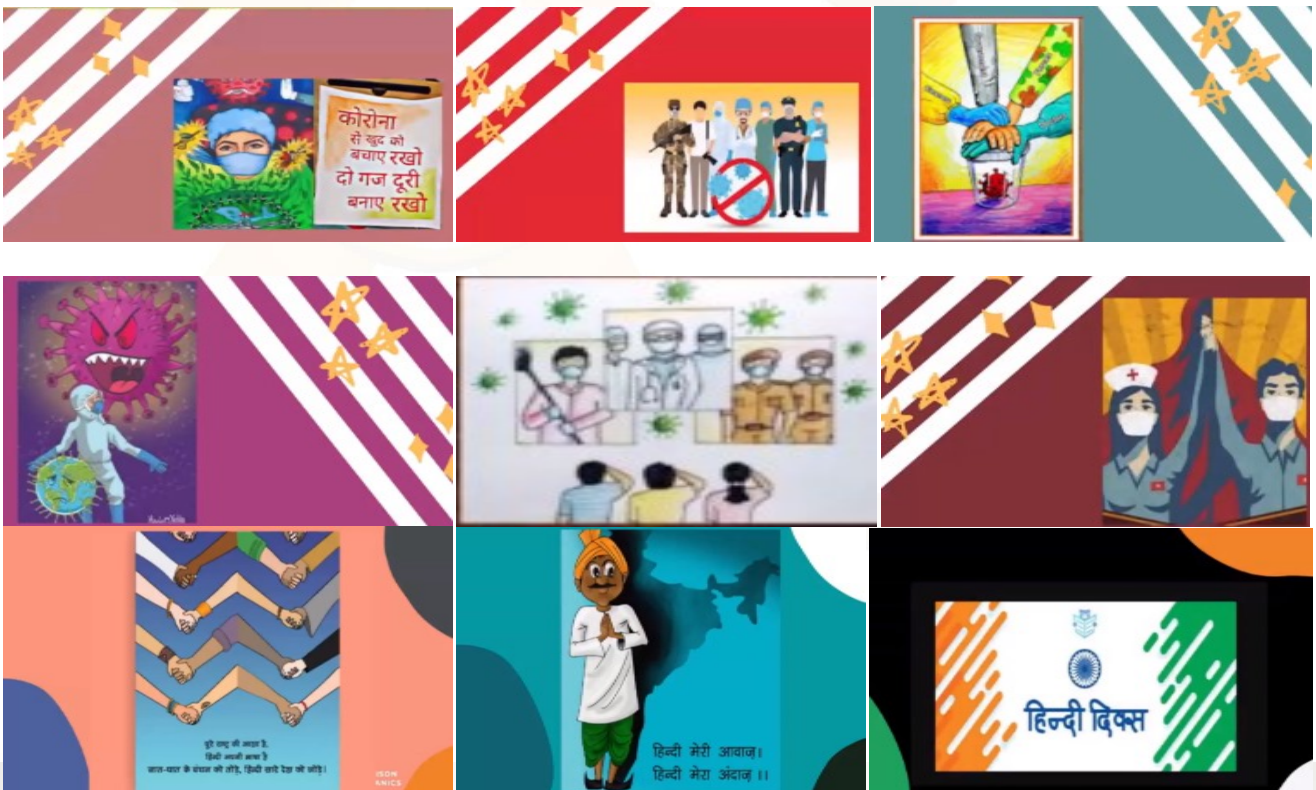
**Hindi is the soul of Indian Culture**

हिन्दी  
दिवस

हिंदी राष्ट्रभाषा है हमारी  
हिंदी हमें है बड़ी प्यारी  
हिंदी की सुरीली वाणी  
हमें लगे हर पल प्यारी

Hindi Diwas was celebrated on the 14th of September, to commemorate the adoption of Hindi in the Devanagari script as one of the official languages in different Hindi-speaking states of India. Hindi was adopted as one of the two official languages of the Republic of India by the Constituent Assembly of India due to the efforts of Beohar Rajendra Simha along with many others. As such, on the 50th birthday of Beohar Rajendra Simha on the 14th of September 1949, the efforts resulted in the adoption of Hindi as an official language.

Carrying the motto of spreading awareness about our official language Hindi, learners of grades 8, 9, and 10, along with all the teachers of our school celebrated “Hindi Diwas” on the 14<sup>th</sup> of September. The event was marked by songs, a virtual dance performance, and a very interesting quiz based on old advertisements which reminded all the teachers of their past days. With one skit and a motivating speech by one of our students, we were able to emphasize on how the language unites our entire country.

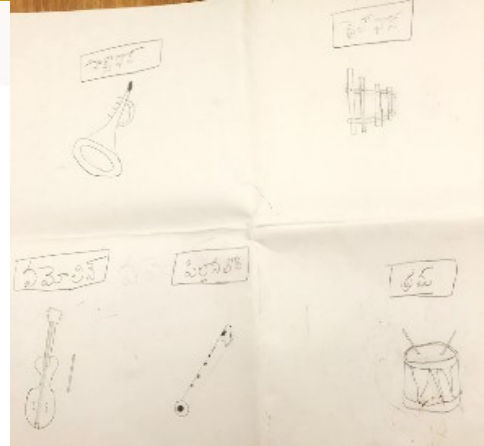
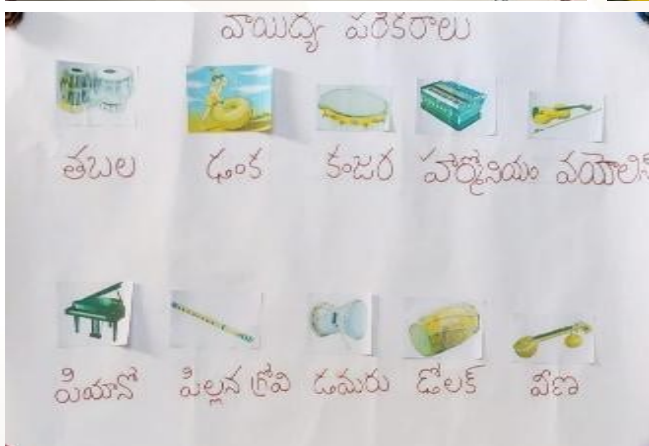




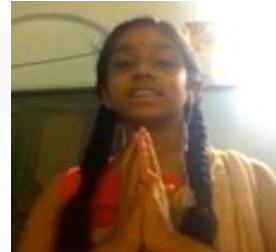
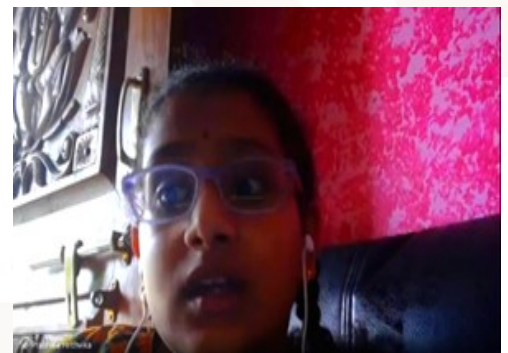
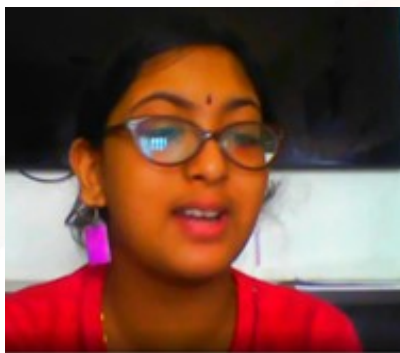
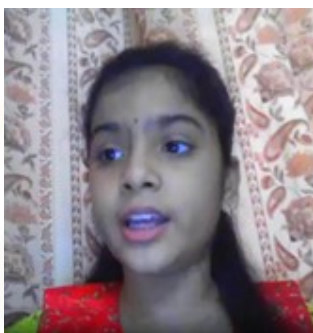
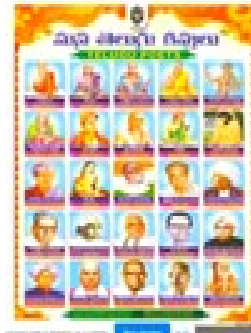
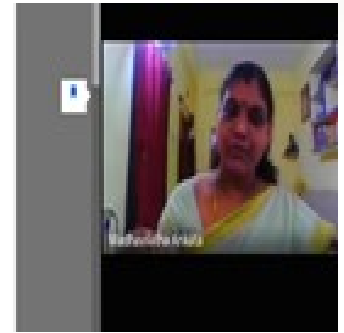
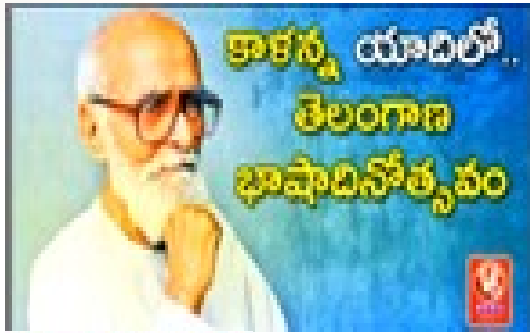
## Telugu Week

Telugu Bhasha Dinotsavam or Telugu Day is given great prominence in Telangana. It is celebrated on September 9<sup>th</sup> to mark the birth anniversary of Sri Kaloji Narayana Rao. To commemorate this day, a full-fledged Telugu week was planned in the school from September 9<sup>th</sup> to September 14<sup>th</sup> where students recited poems, padyams and also sang songs to describe the glory of the Telugu language.

Grade 1 Lemurs made charts as a part of writing skills where they wrote names of music instruments in Telugu. Some students drew musical instruments while some stuck the pictures of well-known musical instruments and labeled them.







The week-long program not only helped the Telugu learners to share their ideas, views, and thoughts about the language but also helped the students to enhance their skills, to analyze, to explore, and to research about the development, uniqueness, and importance of the language.





## Grandparent's Day Celebrations

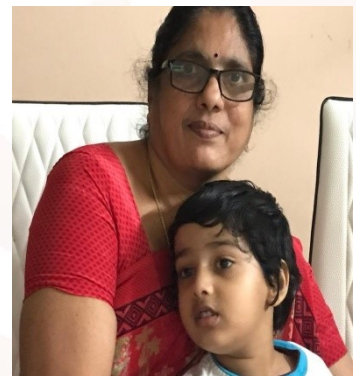
Grandparents are the family's strongest foundation, the greatest treasure, the founders of a loving legacy, the greatest storytellers, and the keepers of traditions.

Through their special love and care, grandparents keep a family close at heart. To honor them, we had organized a virtual event where Grandparents along with their grandchildren took part in many activities like storytelling, dancing and singing, and spoke about their grandkids.

It was indeed a fabulous program.

**Pictures of Grandparents day celebrations:**

**Grandparents Day Celebrations Link:** <https://photos.app.goo.gl/TRzHH27C6VsJFFdj9>





## Guest Lecture on importance of Chemistry

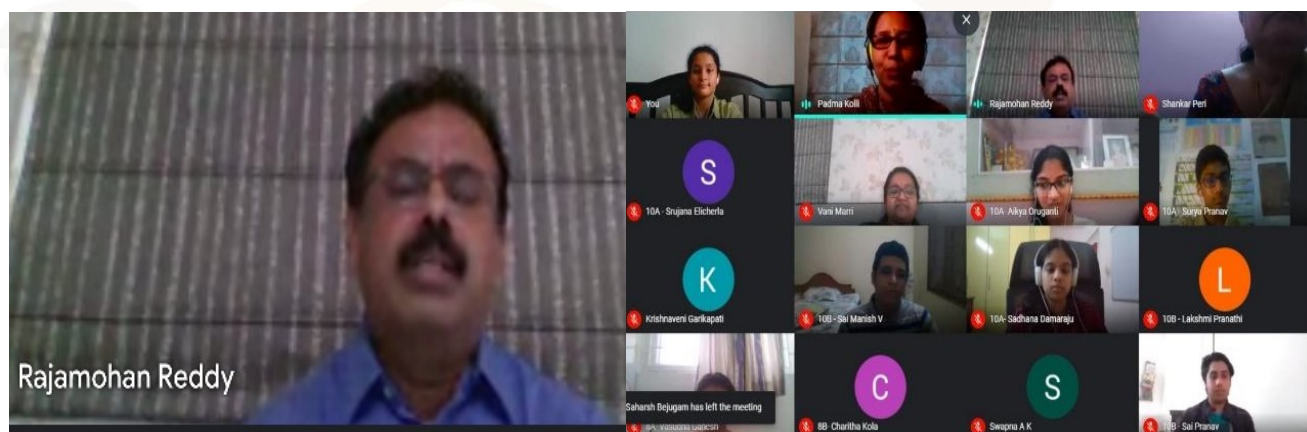
A Guest talk was conducted on 26<sup>th</sup> September on the 'Importance of Chemistry in our daily lives', by Dr. Rajamohan Reddy Poondra who was introduced by our lemur Oorjitha M of Grade 10A.

### Introduction of the guest speaker:

Dr. Rajamohan Reddy Poondra is a renowned Principal Scientist at Dr. Reddy Institute of Life Sciences. He has a mix of academic and industrial experience in India, the UK, and Canada. He completed his Ph.D. from School of Chemistry at The University of Edinburgh, Scotland, UK in 2006 which was fully funded by UK Biotech Company, Cyclacel Ltd., and The University of Edinburgh.

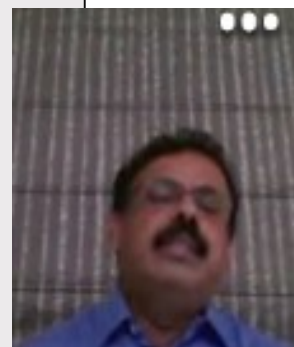
Then he spent his postdoctoral stint at The National Research Council Canada (NRC), Ottawa. He returned to India in 2008 and joined Dr. Reddy's Institute of Life Sciences. His research interests are in the broader areas of medicinal chemistry and drug discovery.

He gave us insights on the importance of Chemistry in our daily lives. He also discussed the role of chemistry in the drug discovery process and how chemistry can be chosen for better career options in life.



## Chemistry is in Everything & Everything is in Chemistry

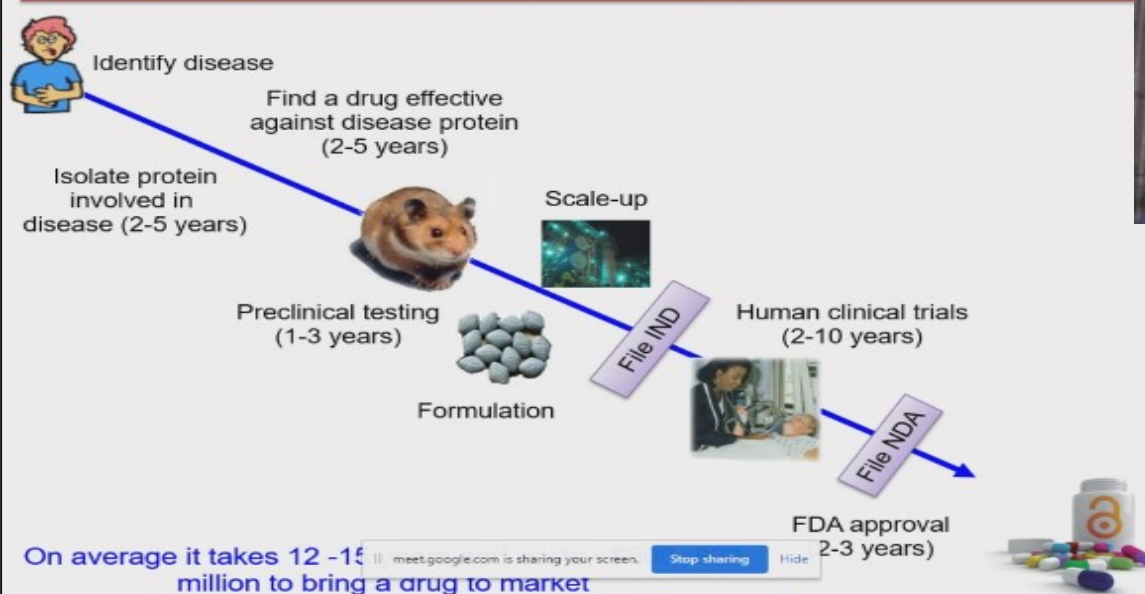
- ❑ An amazing science of familiar things
- ❑ A Science of mixing substances
- ❑ Chemistry is a "Utility/Core/Central/Integrative Science"



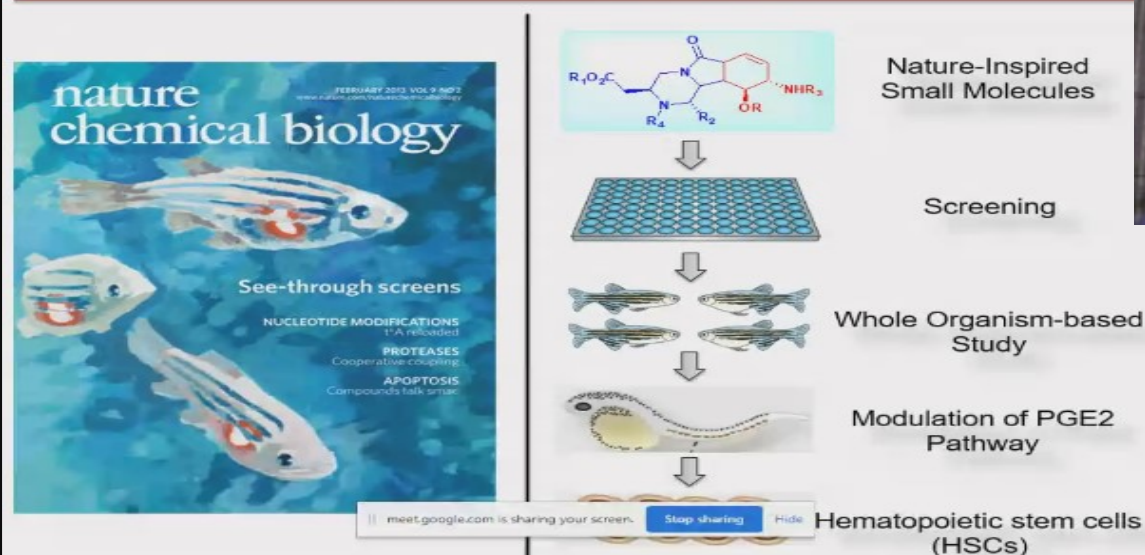
# What has CHEMISTRY ever done for you?



## Drug Discovery



## Chemical Biology Approach





The talk ended with a Vote of thanks from Surya Pranav of Grade 10A to Dr. Rajamohan Reddy Poondra for his insightful lecture full of wisdom and information which opened a different thought process among the students while exploring their career options.

## Inter-house Competitions

Our holistic approach towards teaching and learning inculcates not only subjective skills but also helps to have competitive spirit and teamwork amongst the students, where they discover their unique talents. This is encouraged through various inter-house competitions.

**Grade 1 and 2** were engaged in card making where the young learners were asked to make colorful and attractive cards of different shapes and sizes to communicate their feelings on diverse occasions through words or pictures.



### Grade 1 Winners



**Grade 1B**  
**Neuo Ixiaan**  
**Archimedes (1<sup>st</sup> Position)**



**Grade 1A**  
**Serene Susan John**  
**Odysseus (2<sup>nd</sup> Position)**



**Grade 1B**  
**Amayra Srivastava**  
**Socrates (3<sup>rd</sup> Position)**



### Grade 2 Winners



**Grade 2A**  
**Priyal Agrawal**  
**Socrates (1<sup>st</sup> Position)**



**Grade 2A**  
**Pari Rastogi**  
**Pythagoras (2<sup>nd</sup> Position)**



**Grade 2B**  
**Bhavya Agarwal**  
**Archimedes (3<sup>rd</sup> Position)**





**Grade 3 and 4 – Show and Tell with the motto ‘Stay home stay healthy’, with this objective in mind, students were supposed to learn to make a healthy dish and relish with the family. This brings joy and togetherness.**



**Grade 3 & 4 (Socrates) Winners**

**1<sup>st</sup> Position - Prisely, 2<sup>nd</sup> Position - Saranya**



**Show and Tell Video Link: <https://photos.app.goo.gl/Qxw5EkArySzbUik78>**



## Grade 5 and 6 – Poster Making on virtual classes versus physical classes

Students made posters that help to demonstrate, to synthesize and to analyze the difference between virtual and physical learning. Thinking out of the box, this firsthand information helped chalk out the advantages over disadvantages and vice versa on virtual and physical learning.



### Grade 5 & 6 Winners



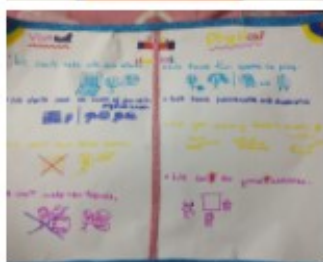
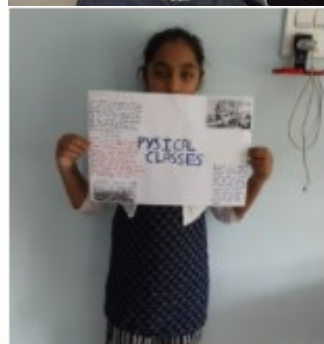
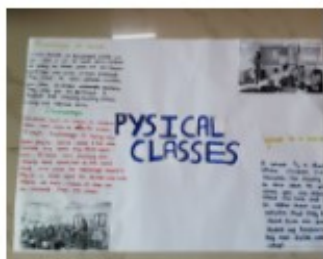
**Grade 5C**  
**Stuti Sharma**  
**Pythagoras (1<sup>st</sup> Position)**

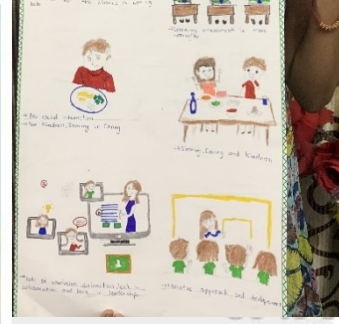
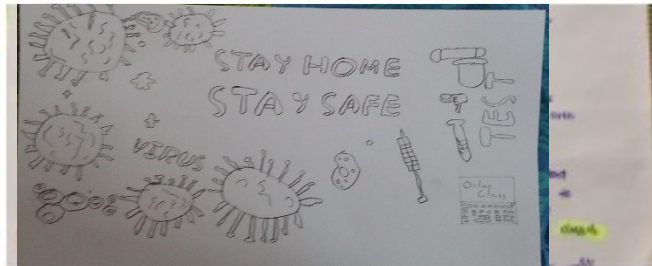
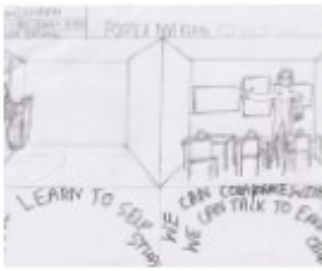


**Grade 5A**  
**Nishka Mishra**  
**Socrates (2<sup>nd</sup> Position)**



**Grade 5B**  
**Lakshmana Pranav Kodukula**  
**Socrates (3<sup>rd</sup> Position)**







## Grade 7 and 8 – Doodle Art

Art has the power to bring one's attention on a particular topic. With the caption 'Stay home stay safe' students brought their creative imagination by scribbling in the form to create cartoon versions, designs or compositions using lines.



## Versatile Singer

Nityasri is seen profusely participating in varied singing competitions round the clock.

In Andhra Pradesh and Telangana singing competition, Nityasri bagged first position for tuning words to the Guru Purnima song. It was conducted by Maabhoomi. For being the first hand winner in the competition, her details with all the relevant information were collected and published in the Telugu newspaper.

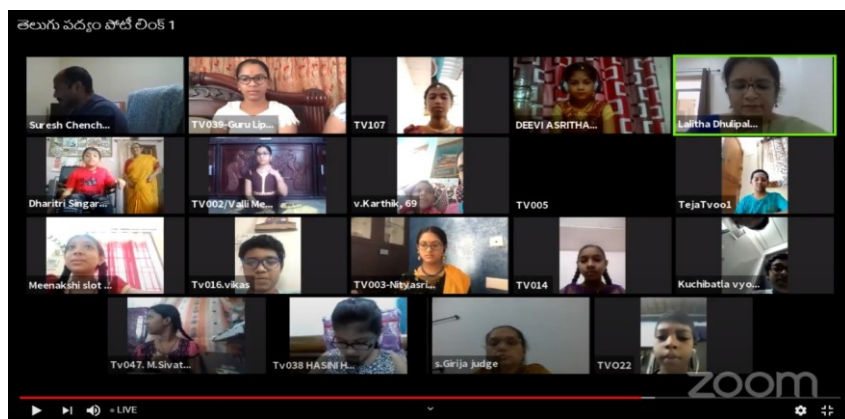
Maabhoomi also conducted a Padyam Competition across two states Andhra Pradesh and Telangana with overall six hundred participants and Nityasri outnumbered and stood in the second position.

On the occasion of the 74<sup>th</sup> Independence Day August 15<sup>th</sup> 2020, the very popular Indian album Mile Sur Mera Tumhara video was released with kids and Nityasri gave her voice promoting national integration and unity in diversity.

**Link:** <https://youtu.be/S8J7sYGyKHM>

On the occasion of Telugu Basha Utsavam, Srivakdevi KalaPeetam on 29<sup>th</sup> August conducted a singing competition with 1,400 participants from 22 countries across the globe. In the 5 levels round, Nityasri reached the final level. She won an appreciation for crossing the milestone to reach the final round of the competition.

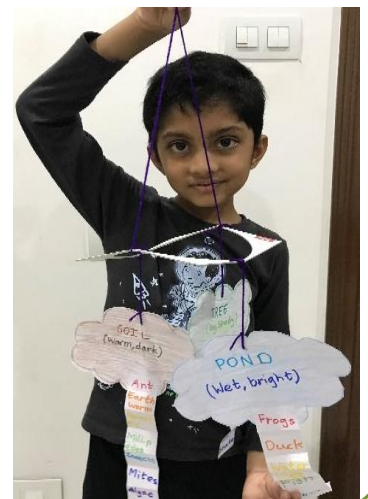
Nityasri is keeping her records high in not only singing songs and padyams but also in her unique talent of playing musical instruments like guitar and keyboard. **We are proud of her!**





## Online Classes:

Lemurs of 2<sup>nd</sup> Grade learned the concept of various Habitats - Soil, Pond, and Tree. The Lemurs enjoyed the learning and also presented their work which showed their interest and involvement in the learning of the concept.



## Mathematics:

Symmetry is everywhere, but it's often hard to notice. This lesson explored a few ways to identify them. Students were able to identify symmetrical figures, draw lines of symmetry, and explain why or why not a figure has symmetry.

The teacher typed up an instruction sheet for the students to follow. Basically, they were supposed to represent Capital letters and digits in bold. They had to include "0" in different ways to explain how the symmetry changes. Each of them understood how to show the vertical, horizontal, and both lines of symmetries.

Q1. How many lines of symmetry does the ZERO have?  
A ZERO has  $\infty$  lines of symmetry.

Q2. Letters:-

|             |             |             |             |                |
|-------------|-------------|-------------|-------------|----------------|
| A           | B           | C           | D           | E              |
| 1 line      | 1 line      | 1 line      | 1 line      | 1 line         |
| F           | G           | H           | I           | J              |
| No Symmetry | No Symmetry | 2 lines     | 2 lines     | No Symmetry    |
| K           | L           | M           | N           | O              |
| 1 line      | No Symmetry | 1 line      | No Symmetry | $\infty$ lines |
| P           | Q           | R           | S           | T              |
| No Symmetry | No Symmetry | No Symmetry | No Symmetry | 1 line         |

Ch 3 - Congruency and Properties of 2-D Shapes  
Activity

Q1. Digits:-

|                              |                    |                    |                   |                    |                    |                    |                    |                    |                    |
|------------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 0                            | 1                  | 2                  | 3                 | 4                  | 5                  | 6                  | 7                  | 8                  | 9                  |
| Lines of symmetry = $\infty$ | Symmetry = 2 lines | Symmetry = 0 lines | Symmetry = 1 line | Symmetry = 0 lines | Symmetry = 0 lines | Symmetry = 0 lines | Symmetry = 0 lines | Symmetry = 2 lines | Symmetry = 0 lines |

Q1. Digits:-

|                              |                    |                    |                   |                    |                    |                    |                    |                    |                    |
|------------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 0                            | 1                  | 2                  | 3                 | 4                  | 5                  | 6                  | 7                  | 8                  | 9                  |
| Lines of symmetry = $\infty$ | Symmetry = 2 lines | Symmetry = 0 lines | Symmetry = 1 line | Symmetry = 0 lines | Symmetry = 0 lines | Symmetry = 0 lines | Symmetry = 0 lines | Symmetry = 2 lines | Symmetry = 0 lines |

Q2. Zero has infinite lines of Symmetry.

Q3. Write All Capital letters in bold and show line of symmetry of each.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Q1. Write all the digits and show line of symmetry of each digit.

Q2. How many lines of symmetry does the Zero have? (Consider a circle as an ellipse)

Q3. Write All Capital letters in bold and show line of symmetry of each.

Ch 3 ACTIVITY

Q1. Write all digits and show line of symmetry of the digits.

Q2. Lines of Symmetry of Zero.

Q3. Write All Capital letters in bold and show line of symmetry of each.

line of symmetry of each

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Ch 3 - Congruency and Properties of 2-D Shapes

Q1. Digits:-

|                     |                     |                     |                     |                     |                     |                     |                     |                     |                |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------|
| 1                   | 2                   | 3                   | 4                   | 5                   | 6                   | 7                   | 8                   | 9                   | 0              |
| No line of symmetry | No line of symmetry | No line of symmetry | No line of symmetry | No line of symmetry | No line of symmetry | No line of symmetry | No line of symmetry | No line of symmetry | $\infty$ lines |

Q2. Zero has infinite lines of symmetry.

Q3. Write All Capital letters in bold and show line of symmetry of each.

CONGRUENCY & PROPERTIES OF 2D SHAPES

ACTIVITY

BY: MOHAMMAD AARISH KHAN

GRADE-7-B

EG-VLS

Ch 3 - Congruency & Properties of 2-D Shapes

Activity 2

Q1. Write all digits and show line of symmetry of each digit.

| DIGITS | LINE OF SYMMETRY                             |
|--------|--|
| 0      | 2 - horizontal and vertical line of symmetry |
| 1      | No line of symmetry                          |
| 2      | No line of symmetry                          |
| 3      | 1 - horizontal line of symmetry              |
| 4      | No line of symmetry                          |
| 5      | No line of symmetry                          |

| DIGITS | LINE OF SYMMETRY                             |
|--------|--|
| 6      | No line of symmetry                          |
| 7      | No line of symmetry                          |
| 8      | 2 - horizontal and vertical line of symmetry |
| 9      | No line of symmetry                          |

Q2. How many lines of symmetry does Zero have?  
Zero has 2 lines of symmetry. It has both vertical and horizontal line of symmetry.

Q3. Write all capital letters in bold and show line of symmetry of each.

| ALPHABETS | LINE OF SYMMETRY              |
|-----------|-------------------------------|
| A         | 1 line of symmetry (vertical) |
| B         | 1 horizontal line of symmetry |
| C         | 1 horizontal line of symmetry |
| D         | 1 horizontal line of symmetry |
| E         | 1 horizontal line of symmetry |
| F         | No line of symmetry           |
| G         | No line of symmetry           |

|   |   |
|---|---|
| H | 2 lines of symmetry (horizontal & vertical) |
| I | 2 lines of symmetry (horizontal & vertical) |
| J | No line of symmetry                         |
| K | 1 line of symmetry (horizontal)             |
| L | No line of symmetry                         |
| M | 1 line of symmetry (vertical)               |
| N | No line of symmetry                         |
| O | 2 lines of symmetry (horizontal & vertical) |

| ALPHABET | LINE OF SYMMETRY              |
|----------|-------------------------------|
| P        | No line of symmetry           |
| Q        | No line of symmetry           |
| R        | No line of symmetry           |
| S        | No line of symmetry           |
| T        | 1 line of symmetry (vertical) |
| U        | 1 line of symmetry (vertical) |
| V        | 1 line of symmetry (vertical) |
| W        | 1 line of symmetry (vertical) |

| ALPHABET | LINE OF SYMMETRY                            |
|----------|---|
| X        | 2 lines of symmetry (horizontal & vertical) |
| Y        | 1 line of symmetry (vertical)               |
| Z        | No line of symmetry                         |

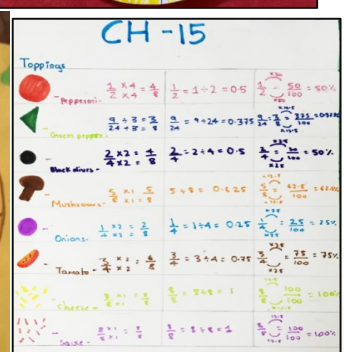
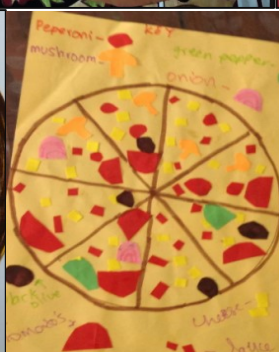
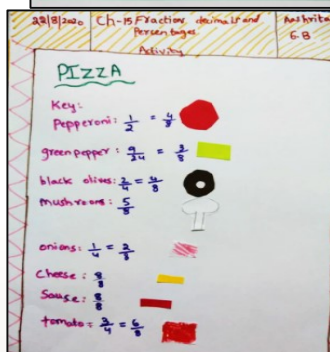
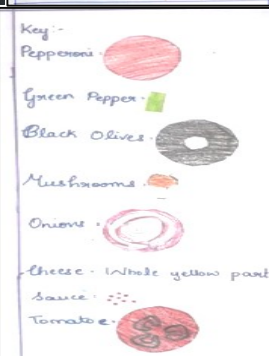
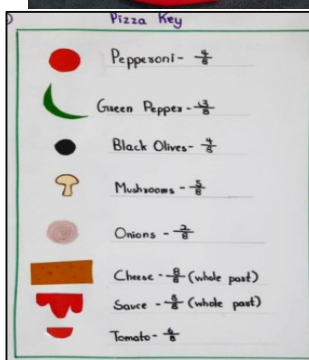
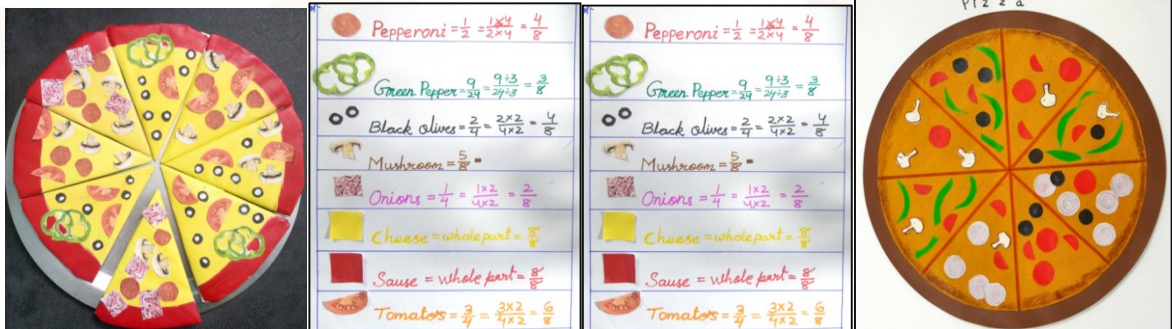
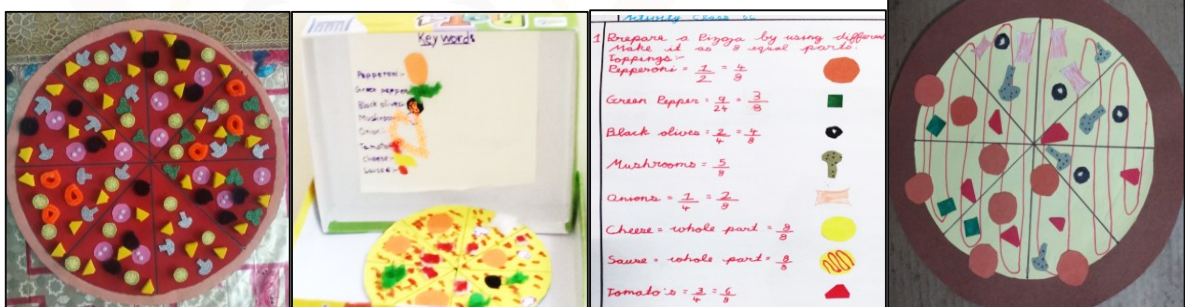


## PIZZA FRACTIONS PROJECT!

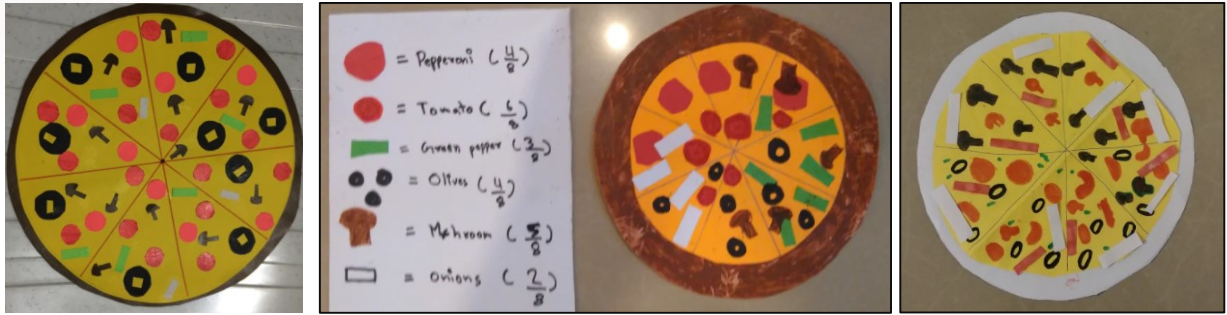
While learning fractions, the teacher came up with a fun activity that would reinforce some of what they learned as well as let them have some fun being creative.

Following the instructions given to them, the Grade 6 lemur's represented 8 different fractions using different toppings. They had to include a "key" explaining their fractions. For each of the 8 fractions they had to write an equivalent fraction, had to convert them into decimals and percentages by showing their working clearly.

Some students drew theirs, some used construction paper, some used playdoh, buttons, all kinds of creative ideas were flowing.







## Learning French Culture

Grade 6 Lemur Akhil learned making baguettes to taste the French gastronomies and learned the National Anthem. With this activity, he enjoyed learning about French culture and civilization.



## Science

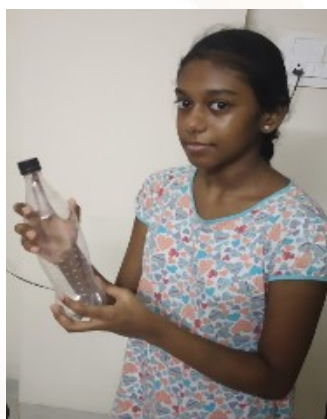
Grade 6 lemur used various materials to prepare the cell model. They used the concept of “best out of waste” for making this model. It helped them to identify and differentiate various cell organelles that they had learned hands-on and also to enhance their thinking and creativity skills.







Lemurs of grade 5 creatively reused things at home which would have otherwise landed up in the garbage, to make something useful contributing their bit and spreading awareness for saving the environment.





Vedika Mishra 5B



Vedant Mishra 5C

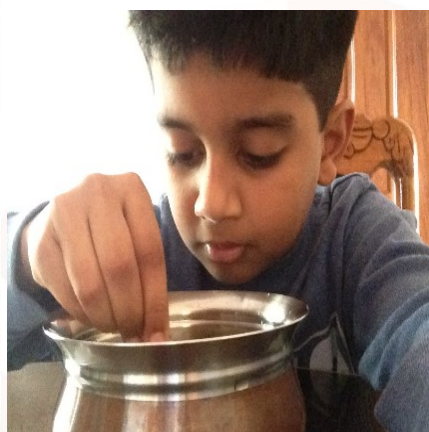
my plastic bottle and cd tripod stand



Lemurs of grade 5 experienced hands-on learning on oil spills by conducting the oil slick experiment of trying to remove the spill by using various absorbent materials.



**Nishka mishra**  
**Class 5.a**





Oil Slick Model



Vedika Mishra 5B Activity 1



Vedant Mishra 5C Activity 1





**Waste segregation-**Lemurs of grade 5 audited the waste generated at their homes and segregated the waste as dry waste and wet waste. They investigated the fate of organic kitchen waste and plastic when buried under soil.

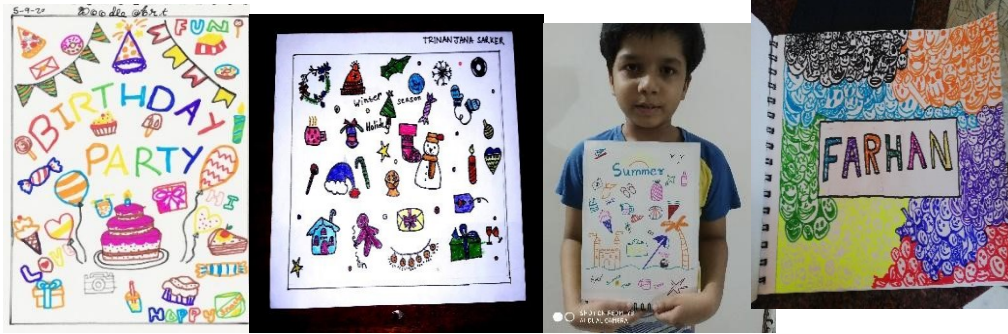


## Art

Grade 1 to 4 lemur students learned two Elements of Art- Lines and Shapes. Lemur students enjoyed learning the first Element of Art -Lines. Under this Line art they did doodle art activity.







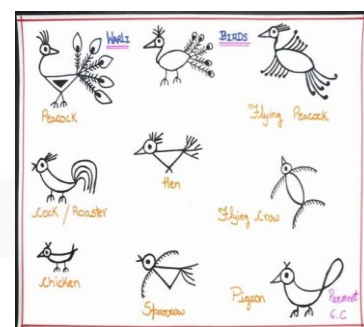
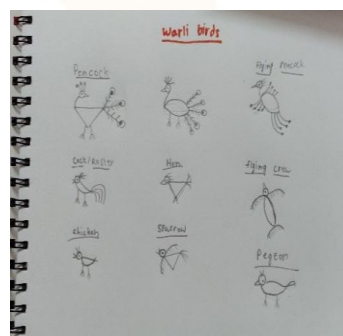
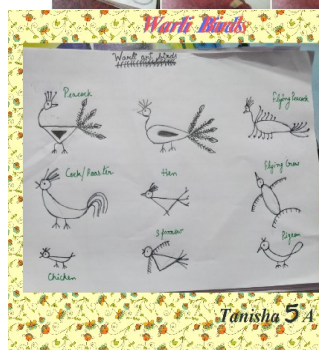
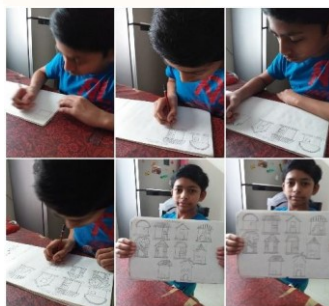
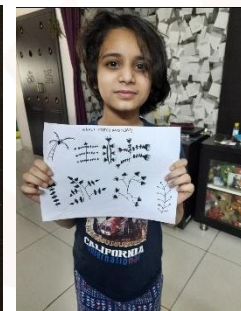
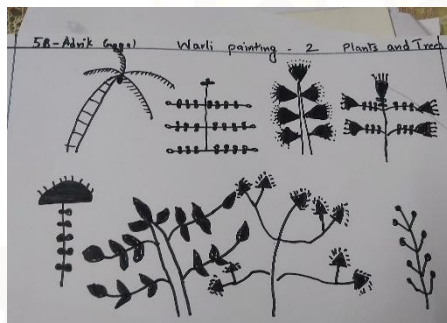
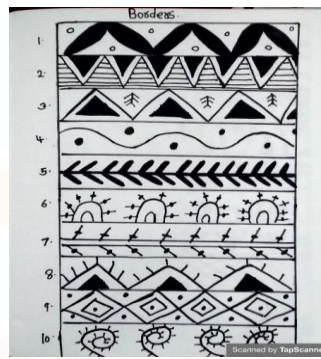
They also enjoyed the second Element of Art – Shapes, in which they did Activities based on Geometrical shapes and organic shapes.



Grades 5 to 7 learners made themselves busy in learning traditional Warli Art. They learned Warli Art borders, trees/ plants, houses, birds, animals etc. which ancient people had shown in their Warli paintings.

Warli painting is a style of tribal art mostly created by the tribal people from the North Sahyadri Range in Maharashtra, India.





## Water Filtration Project

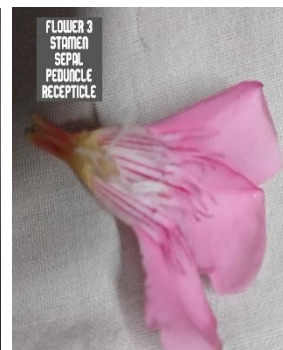
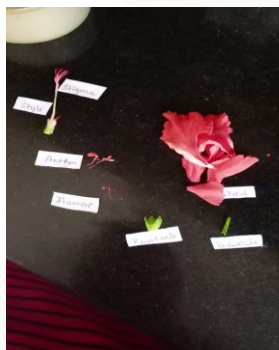
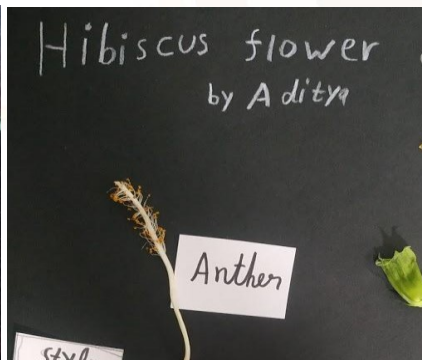
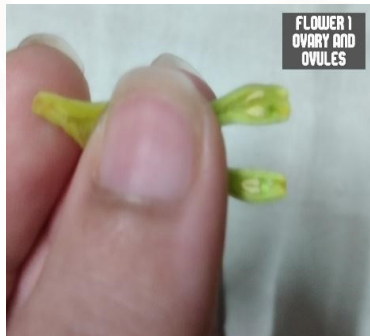
Water Purification Filter is very easy and quick to make. Most, if not all, the materials can be found in or around our house. A Water Filter can be a necessary survival item when we have no access to clean water. Grade 9 A students were given a clear demo to build a simple water purification filter at their home using commonly available materials like plastic water bottles, coffee filter, coarse and fine sand, pebbles, alum, scissors, dirty water. Daksha and Harshal made water purification filters at home wherein they involved steps like Aeration, Coagulation, Sedimentation followed by Filtration in their project. Learners were advised to not go for the last step of chlorination as it deals with harsh chemicals. So, finally, they were able to get clear water, but it was not yet potable as it was not disinfected with chlorine. This was a real hands-on-experience for our Lemurs.





## Flower dissection- Biology Hands-on-activity

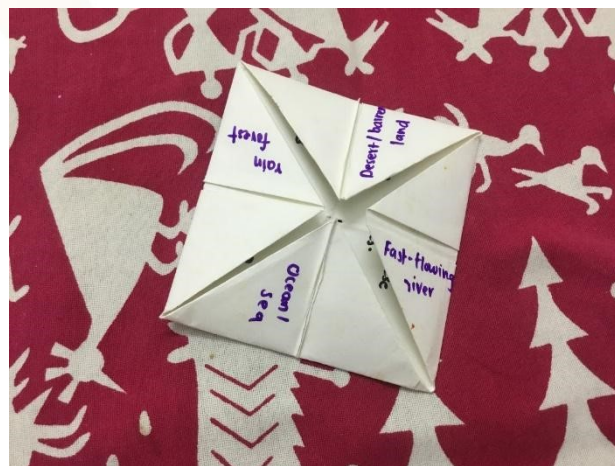
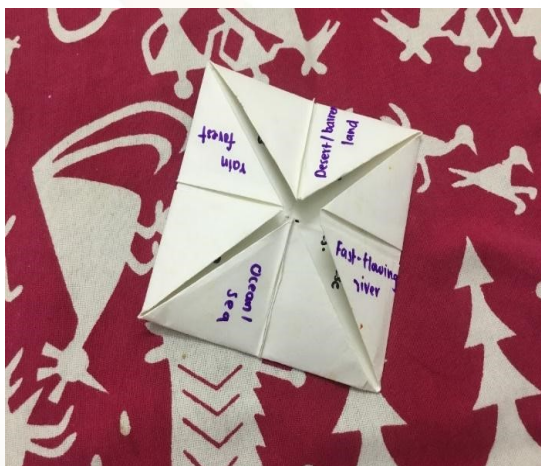
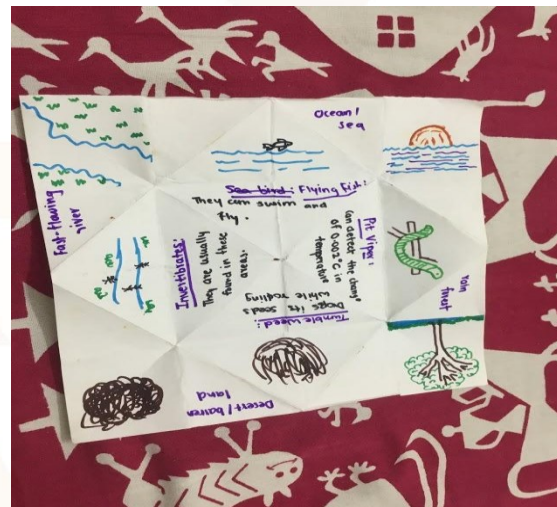
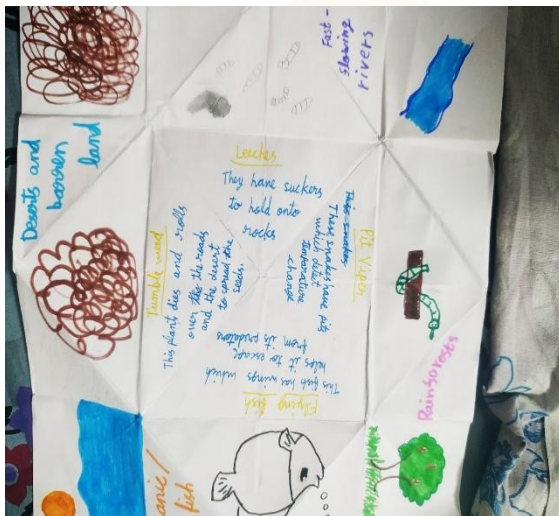
'Learning-science-by-doing-science' (LSDS) is an emerging self-guided process-learning model in science education. The whole idea is to inculcate research skills in learning approach. Grade 8A Lemurs were given a demonstration of dissecting flowers in different sections to observe petals, sepals, stamen and carpel. As per the instructions given, the children dissected the flower into parts and carefully took the petals off the stem, split open the ovary, and removed the stamen and stigmas and labeled the flower parts. Students explored the dissection very well and expressed their joy in doing the same.





## Origami Adaptation Teller - Biology Project

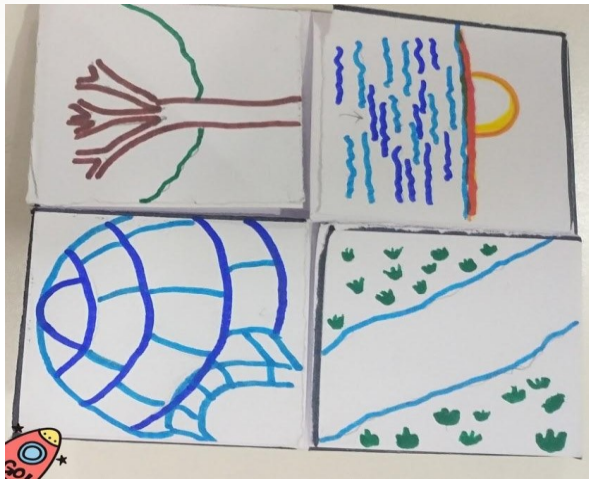
Grade 8A Lemurs were given a template for making their own Origami Adaptation teller. The idea was to make a fun way of learning about the different adaptations, animals may have for their habitat. The template shared with learners was split into 4 different habitats where the children suggested two adaptations that animals in the habitat might have and provided an example of an animal that lives in that habitat. Students made their Origami Adaptation teller taking tumbleweed, pit viper, pebble plant, and flying fish as four examples with great enthusiasm, lots of interest and creativity.













## **Turn a Coat Results:**

### **Grade 9A**

1<sup>st</sup> Position Daksha Veerepally (Socrates)

2<sup>nd</sup> Position Aryan Mohan (Pythagoras) and Sundari Prasam (Archemides)

### **Grade 9B**

1<sup>st</sup> Position Spoorthi Chava (Odysseus)

2<sup>nd</sup> Position Karthik Vishnuvajjala (Archemides)

3<sup>rd</sup> Position Krishna Priya Koppolu (Socrates)

### **Grade 10 A**

1<sup>st</sup> Position Surya Pranav K (Odysseus)

2<sup>nd</sup> Position Guru Sai Prasad (Pythagoras) and Srujana (Archemides)

### **Grade 10 B**

1<sup>st</sup> Position Krishnasree Adluri (Archemides)

2<sup>nd</sup> Position Suditi Todi (Archemides)

3<sup>rd</sup> Position Srishti Hemnani (Archemides)

