



JULY-AUGUST 2022

NEWSLETTER

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DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



UMBRELLA DAY

PRE-NURSERY

“I have a little umbrella, it helps me stay dry and on every windy day,
It even helps me fly! Open it. Close it. Oh, what fun it can be.
Jumping over puddles, my little umbrella and me!”

A rainy day is always a fun-time for the kids if it is celebrated with school friends and teachers. Keeping this in mind “Umbrella Day” was cheerfully celebrated on 22nd July, 2022 by the students of Pre –Nursery. Children with their colourful umbrellas enthusiastically participated in boat making and boat race activity followed by ‘Rainy Day Buddies craft activity’ and learning about safety habits during the rainy season.





STORY TELLING

NURSERY

A story-telling session was organized on 15th July 2022, by the teachers in Nursery. Children found it interesting and were engrossed in the story of “The Honest Woodcutter” which was narrated by the teachers using creative props and befitting expressions. It was an interactive session where children were taught that honesty is the best policy. Overall, the session helped the young students with the understanding of becoming a true and good human being. They also understood the use of different narrative techniques like the creative expressions and the props used in this act of storytelling session.





INTERNATIONAL TIGER'S DAY

PRE-NURSERY

T- Tomorrow No One Will Know Us;
I- Identity in the World;
G- Greatest King;
E- Everybody should protect them;
R- Roaring for saving them;
S- So Let's Pledge to save the Tigers.

International Tiger's Day was celebrated by the tiny tots of Pre-Nursery DPS 84 on Friday, 29th July 2022. The teachers shared the significance of this special day and enlightened them on the project 'Save Tigers' through a very interactive story session. Fun videos and art activities on Tiger was a small but successful step in creating environmentally responsible global citizens of the future.



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



INTERNATIONAL TIGER'S DAY



NURSERY

Don't strip the stripes from the scenery.
Save the tigers, save our National Animal!!

Kids of Nursery celebrated International Tiger's Day with a lot of zeal. Kids were made aware about the importance of Tigers and also why their numbers are decreasing rapidly. The children made a tiger mask and were very happy to take it home. Their amazement knew no bounds when they saw the Tiger's den created in the class. Overall, it was an enjoyable learning session, indeed !





INTERNATIONAL TIGER'S DAY





INTERNATIONAL TIGER'S DAY

KINDERGARTEN

Tigers are the most majestic and real species that we have seen globally. To make students aware of the declining population of the Tigers and the need to conserve them - 'International Tigers' Day' was celebrated, where students were dressed as tigers and spoke a few lines on the significance of the day.





INTERNATIONAL TIGER'S DAY





INTERNATIONAL TIGER'S DAY





INTERNATIONAL TIGER'S DAY



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



INTERNATIONAL TIGER'S DAY

GRADE 3- 5

Art and Craft is a subject which not only enhances students' interest but also helps to develop their motor skills. It also enhances their creativity and thinking capabilities

Students of grade 3 to 5 utilised the materials they brought to participate in 'Mask Making' activity. They cut the paper into various shapes and coloured it in yellow and brown colours. They enjoyed being a part of this creative expressions as it was related to their favourite subject "Art and Craft" . The students were told about the campaign " Save Tiger Save Earth". They had the opportunity to know and ideate more about the protection of the environment and its importance in our lives.





INTERNATIONAL TIGER'S DAY



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



FRENCH DAY

Students of Gr V-VIII conducted an Assembly commemorating 'July 14' i.e. The National Day of France.

It added a new and an interesting dimension to the existing pattern of assemblies, as it was being conducted for the first time in a Foreign Language – French.

Students across Grades had put in a lot of effort and time to accomplish this monumental task. A foreign language that many are not confident in speaking, it was quite a challenge for the students to comprehend, and articulate.

There were 4 main highlights of the assembly; The sharing of Importance of 14 July by Grade VIII, a Skit showing contrast between Indian and French National Flag by Grade VII, Greetings song by Grade VI and French Rhyme by our Grade V French debutants.

The students conversed in both French and English for the audience to comprehend. The assembly was compact and had made quite an impact on the audience. It was a great way to experience the different aspects of the language.





KARGIL VIJAY DIWAS

When we sleep, they watch for us
When they sleep

Well, they never sleep - the soldiers. They are the ones who are always there safeguarding us and keeping our national flag flying high. Their sacrifices led to Kargil Vijay and made 26th July a day of pride, honour and glory.

To commemorate this day, Grade I and II Dipsites were dressed up as soldiers - Army, Navy or Air Force - and spoke a few lines about them. Dressed up as soldiers they spoke about our martyred soldiers and saluted their sacrifices. Our future flag bearers promised a wondrous and glorious future of our nation, through their act.





KARGIL VIJAY DIWAS





KARGIL VIJAY DIWAS



Grade III, V KARGIL DIWAS ACTIVITY – GRADE -III (Poster making)

India has always been known as the land of heroism, sacrifice and bravery! Kargil Vijay Diwas is a symbol of India's proud and steadfast leadership. The Indian armed forces had defeated Pakistan on July 26, 1999. Since then, the day is celebrated as 'Kargil Vijay Diwas' to rekindle the pride and valour of the soldiers who took part in 'Operation Vijay'. The day marks the victory of Indian soldiers in recapturing the mountain heights that were occupied by the Pakistani Army on July 26, 1999, known as the Kargil War.

Delhi Public School – 84 bows to the soldiers who, with their indomitable courage, drove the enemy from the inaccessible hills of Kargil and waved their tricolor again making all Indians victorious and feel proud of our bravehearts for their zeal and deed. We are proud of the warriors of India, who are dedicated to protecting the motherland. Our little soldiers of Grade III paid tribute to those fighting spirits on 26th July, 2022 by making alluring posters on Kargil Diwas.

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KARGIL VIJAY DIWAS



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



KARGIL VIJAY DIWAS



To commemorate the occasion of Kargil Vijay Diwas, The team from DISHA cell of the Indian Air Force visited DPS Sec 84, Gurugram. The representative team was led by Wg Cdr Vikram Kumar and Wg Cdr Rohini Singh.

They provided the students of grades VIII to XII with an insightful journey into the operational excellency of the Indian Air Force and informed future aspirants on how they could be a part of this exemplary organisation.

Interactive engaging lectures were held which helped the students understand the roles of armed forces and enhanced the students' awareness on this fighting force of our defence services. In addition to this, the students also got to experience possibly a 'once in a lifetime' opportunity of getting an almost close to an actual feel in a flight simulator.

To cherish the learning, students were awarded with IAF souvenirs. This enthralling episode in their lives served its purpose as it motivated the students to respect and value the importance of the Indian Armed Forces and feel proud of its victory in Kargil, twenty three years ago. It was indeed a moment that made children feel proud of the nation and made them realise the need to contribute towards safeguarding the nation in their own little ways. .



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



A TRIP TO AIR FORCE MUSEUM



An educational trip was organised by DPS Gurugram 84 to the Air Force Museum at Palam in New Delhi for Grade VI to VIII. The valour displayed on the walls of this museum was admired by the students that sparked their patriotic spirit. Our heartfelt gratitude goes out to the heroes in uniform.



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



FRIENDSHIP DAY ASSEMBLY



Friendship is the only cement that can bind the world forever.

Friendship is one of the key moral values to shape the personality of a person and what can be a better way to imbibe this value in young minds other than introducing it in the school assembly. We all know that morning assembly is the best and foremost platform that inculcates community participation and refines individual skills too. So, on a blissful morning of 2nd August, 2022 Grade 2C students presented a miscellany of performances in this special assembly based on the theme of 'Friendship'.

The assembly was initiated with the regular morning prayer followed by a series of entertaining and informative programs. Master Divyansh Verma presented the word of the day "FRIENDSHIP". He used flashcards of letters and explained the qualities of a good friend through them. Samaira Gajwani brought forward a beautiful thought of the day " True friends are friends for life" and spoke about the need for good friends. Adhiraj Singh's speech on Friendship Day threw light on the reason to celebrate this day. He acquainted his fellow friends when and how this day was celebrated for the first time and the need to continue this tradition. To add colours to this assembly, students presented a group song ' Make New Friends' and a group dance on 'friendship' and 'forever support'. Overall, It was a great performance that mesmerised everyone.

Divyansh Pushpakar and Ayaan Goel, presented a role play activity spreading the message that friendship is above social status and looks for selflessness and giving only. The whole assembly was compiled by two tiny tots, Kavisha Gupta and Amayra Wadhvani, who threaded the bilingual programme with equal fluency. Thereafter, the principal addressed the students and as a true guide emphasized the importance of making new friends and being good to each other. She appreciated the students for their performances as well. Finally, the vote of thanks was given and the assembly ended with the students singing the National Anthem.

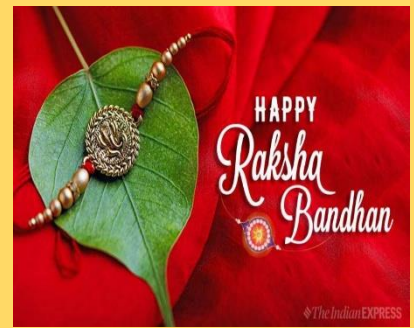


FRIENDSHIP DAY ASSEMBLY





RAKSHA BANDHAN ASSEMBLY



A special assembly on the eve of 'Raksha Bandhan' was conducted by the students of Grade 1-C on the auspicious occasion of Raksha Bandhan. The assembly started with welcoming the students. The festival of Raksha Bandhan brings out the feeling of oneness and unity among the family members. On this day, the sister ties Rakhi on the wrist of her brother and prays for his well being. Shanaya and Shaurya presented a small play showcasing the significance of this beautiful bond between a brother and a sister. They sang songs and danced to the tune to mark this occasion. The assembly was well conducted by the students.





Experiential Learning

KINDERGARTEN

MY BEST FRIEND- 'A friend in need is a friend indeed'.

Students of Kindergarten shared their feelings about their best friends with their peers and teachers during the theme- based session 'All About Me' in their EVS class.





EXPERIENTIAL LEARNING



HINDI- KITE MAKING

हिंदी भाषा के वर्ण का ज्ञान छात्रों को गतिविधि के माध्यम से प्रदान किया गया। छात्रों ने कक्षा में रंगीन कागज से 'प' से पतंग बनाई।





EXPERIENTIAL LEARNING



ENGLISH

Students of kindergarten enjoyed the 'JELLYFISH ACTIVITY' which was covered under cursive letter j. They learnt the formation of the cursive letter 'j' through this activity. Students had fun doing this activity as they made jelly fish with the help of colourful papers.





EXPERIENTIAL LEARNING



GRADE I

“It’s like everyone tells a story about themselves inside their own heads”

It’s time for those stories to be shared with friends. Our little storytellers told a story about themselves - where they are the superheroes saving somebody’s life or an adventurer exploring an unknown island or just a simple story about a vacation. The most challenging part of the story telling session was - it had to begin with naming words (animal/ bird/ person/ place/ thing) that would start with the first letter of the child’s name.

Children narrated their stories with full enthusiasm and excitement, along with their props.





EXPERIENTIAL LEARNING





EXPERIENTIAL LEARNING





EXPERIENTIAL LEARNING



GRADE: I

Good hand washing is the first line of defence against the spread of many illnesses and it is more so important for our young kids at school. The students of Grade I learnt the importance of washing hands through an interesting activity with soap and pepper where they saw the germs (pepper) scooting away with the touch of a soap. The teachers encouraged students to wash their hands frequently with soap and water.





EXPERIENTIAL LEARNING





EXPERIENTIAL LEARNING



GRADE: IV Science

“I hear and I forget. I see and I remember. I do and I understand.”

Confucius was right in quoting these words, Experiential learning is the best form of learning, and while teaching Science, we ensure that the child learns either by observing or by doing. Students of grade IV read about Soil and States of Matter in their Science textbook and came forward with an assortment of experiments to support their understanding. Through their experiments, they showed different types of soil, their texture of particles, their binding capacity, water holding capacity and their uses. Similarly, few students picked the topic of ‘States of Matter’ and demonstrated different experiments to prove why solids, liquids and gases have differences in terms of fixed/ fluctuating shape, fluidity, volume and states. Students loved to present the concept of solution, solvent, solute and saturated solution. Again, the topic of interconversion of different states of matter was scientifically explained by them. The entire presentation was very lively as the students were taking initiative to explain the facts and the teachers extended their support as facilitators.





EXPERIENTIAL LEARNING



GRADE: IV Science

Children can learn to live in harmony with nature only when they get a chance to know about the role and contribution of even the tiniest living being existing on earth. This time, we picked 'Silkworms' as our subject. We were amazed to see the details brought by the young environmentalists of grade 4! From drawing to 3-D models and the PPT presentations, these students extended their thought to present their facts in the most unique way. Though the entire period revolved around the same topic of Lifecycle of a Silkworm, each presentation was different! We, on behalf of our whole school, extend our best wishes to these students and wish these great preservationists a bright future!





EXPERIENTIAL LEARNING



Grade II English

Students made a face mask of their favourite animal, bird or person that resembled their own. The students gave a presentation in the class describing their choice and shared more about their chosen character. This truly amazing and insightful session made the class aware of some very interestingly amazing facts about animals.





EXPERIENTIAL LEARNING





EXPERIENTIAL LEARNING





EXPERIENTIAL LEARNING



Grade II EVS

Second graders learnt about energy giving food, protective food and body building food in the chapter “Food we eat”. They were then able to identify different groups of food and understand the meaning of a balanced diet.

They prepared a menu card for themselves with the details of different food items and to which food group they belong to. Their beautifully prepared menu cards were then displayed on the class board.





EXPERIENTIAL LEARNING





EXPERIENTIAL LEARNING



GRADE: V Mathematics

Topic- Symmetry and Patterns

Students learnt about symmetry and reflection, Rotational symmetry and creation of patterns, by moving the figures drawn and cutted from the grid/graph paper. They studied clockwise and anticlockwise rotation and did it practically to understand complete rotation of 360 degrees about a fixed point. They also created interesting patterns with different shapes using translations, reflection, and rotation in symmetry.





ECO CLUB ACTIVITY



‘Nurture Nature’: Tree Plantation Activity

When we plant a tree, we contribute towards building up the ecosystem. An awareness cum plantation Drive was taken up for the students, on 21st July 2022, as part of the Eco Club activity in the school premises. This effort of the club members was a step towards making the planet cleaner and greener. The mentors cared to explain to the students not only the importance of tree plantation, the techniques of planting but also the nurturing of the saplings as well.

Several saplings were planted by the students at the selected spots in the school as well as in the surrounding areas. Students displayed great enthusiasm as they dug out the soil to carefully place the saplings. The event served a purpose of hands-on experience apart from dispensing education and entertainment to our students.



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GREEN WARRIORS CLUB



"The creation of a thousand forests is in one acorn."

Mr. Vineet Vohra, a passionate volunteer environmentalist and the face of "Give Me Trees" visited the school to conduct an interactive session for the 'Green Warriors' Club members of grade I and II at DPS Sector 84, Gurugram.

He shared his experience and knowledge about trees and helped students learn about the medicinal values of different plants and ways of nurturing them. He educated them on how to prepare natural manure using vegetable and fruit peels.

He surprised the children with numerous amazing environmental facts about different types of trees. His passion towards the concern for Environmental wellbeing seemed inspiring for the students which ignited their thoughts and urged them to express their love for trees.



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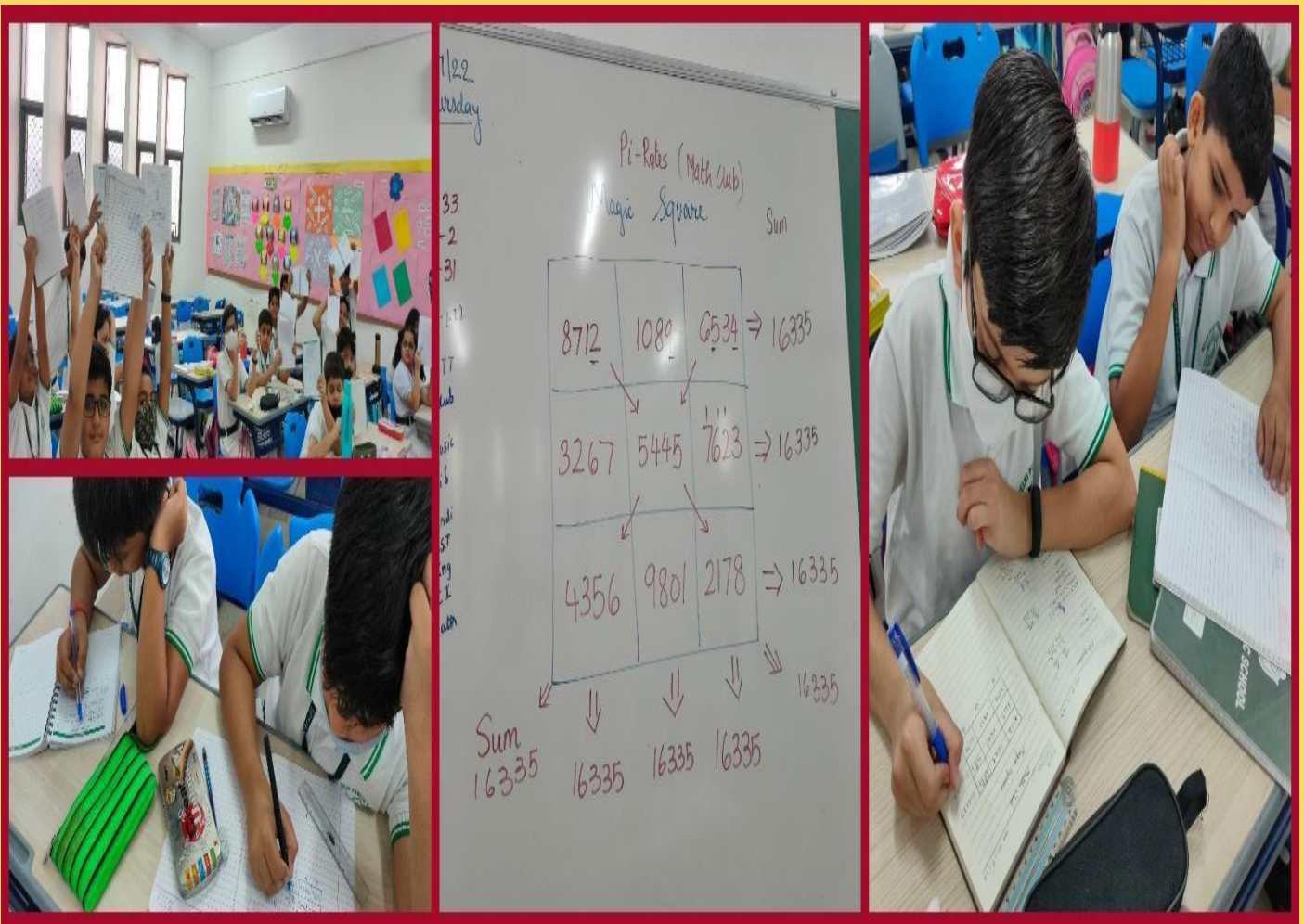


PIRATES CLUB



‘Pure Mathematics is, in its way, the poetry of logical ideas’.

Students of grade 5 and 6 were happy to learn about Magic Squares, which is indeed a recreational facet of Mathematics. Students were thrilled to know more about a special square array of numbers (usually positive integers) in which sums of the numbers in each row, each column, and both main diagonals are the same. In the beginning, they were given magic squares to find the magic secretly working behind it and later were asked to make one by themselves.





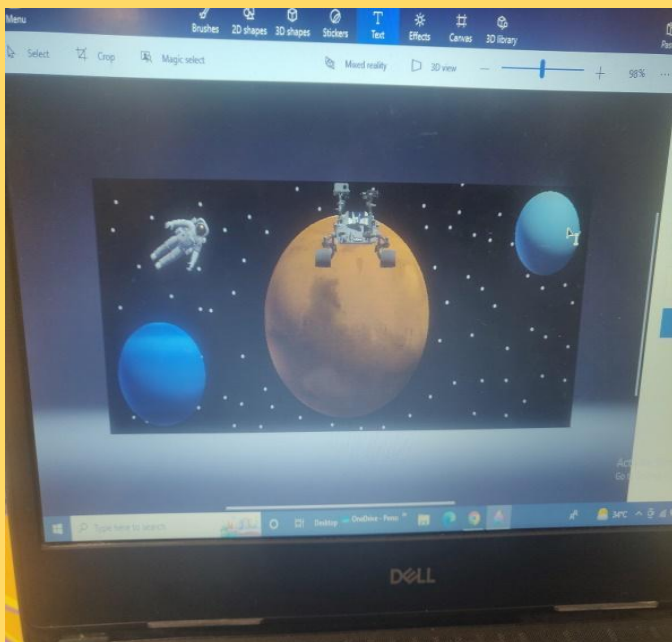
WIZ KIDS CLUB



Creating dreams

Our dreams and goals are what we aspire to be or do, which gives us a sense of meaning and purpose. Our dreams are something that we're passionate about. By following our dreams, we'll become a better and happier person.

Students of Grade 4 used Paint 3D to create projects to showcase their dreams and the outcome was mesmerizing.





WIZ KIDS CLUB



Preparing Quiz on Brand Logos of their favourite companies

The logo of a company is an emblem or visual mark that they choose to represent themselves. A logo, which is a small thing, has the ability to make a huge impact on any business. Students of Grade 5 used PowerPoint to create the Quiz on logos of their favourite companies and presented the same in front of their peers. They used their creativity skills to make the Quiz attractive and interactive. The session was a great learning experience apart from being a great way of integrating learning with play.





ACHIEVEMENTS



24th Dr. Jigaro Kano Judo Championship

An Inter State 24th Dr. Jigaro Kano Judo Championship (2022-23) was conducted by District Judo Association at Deaf and Dumb children school Sec-14 GGN on July 24, 2022.

DPS-84 Gurugram participated in the championship where a total of 17 students (07 boys + 10 girls) participated in the championship. More than 500 students from various schools, states, districts and academies took part in the championship.

We are proud to announce that the students of DPS-84 Gurugram won 11 medals in the competition. In the boy's category 1 Gold, 1 Silver and 2 Bronze medals, and in the girl's category 2 Gold, 1 Silver, and 4 Bronze medals.

List of medals winners: (Boys category)

Lakshit Yadav	V-B – Gold
Medhansh Barak	IV-A – Silver
Shivaan Abrol	III-C – Bronze
Sidhant Mettal	IV-A – Bronze

(Girl's category)

Swara Sah	IV-C – Gold
Parnika Bathla	IV-B – Gold
Anya Aman	IV-B – Silver
Keerat Kaur	IV-B – Bronze
Navya Chandel	V-B – Bronze
Khyati Chauhan	V-B – Bronze
Swara Lal	V-C – Bronze





ACHIEVEMENTS



COMMERCE FEST

Students of grade XI and XII DPS-84 participated wholeheartedly in the Commfiesta 2022 (Commerce Fest), held on 4th and 5th of August, 2022. Students of DPS-84 actively participated in this Fest organised by the Department of Commerce at DPS – Rewari. Students took part in various inter-school competitions which were held during the fest, that included Shark Tank, Mad Ad, Commerce Quiz, Rocket Singh and Guru Bhai. The events were specially curated by the students, keeping in mind the real-world business needs that would enable them to think on their feet, ideate, collaborate, present their stand points, pitch, lobby and wriggle out of crisis.

The purpose of the commerce fest was to provide a platform for the students to exhibit their talents in various competitions and for gaining success in the fields of commerce and business. It also strived to enhance the commercial acumen of individuals from diverse disciplines. Our students participated in all the events and proved their mettle by earning second runners up position in the event ‘Gurubhai’.



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



ACHIEVEMENTS



COMMERCE FEST

The event provided an immense learning experience and exposure to the students as it was diligently organized and immensely appreciated by one and all.



DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



TECHNOPHILE



Learning Journey

Made By: Angad Singh

What is a Learning Journey?

Learning Journey is the journey through which we learn things, make things, etc.

My learning journey is full of fun activities leading to explorations and innovations.

As suggested by the subject teacher, Ms Kusum Turan, I took up many integrated projects with my IT curriculum.

- **App Development- I have learnt and developed the following apps using Thinkable and MIT app inventor:**
 1. **To-Do List**
 2. **Translator**
 3. **Meta Minds App on assessments and surveys for mental health and well-being.**
 4. **App for controlling relays and LEDs using ESP32**
- **Microcontroller project:**
 1. **Controlling an LED using Blynk App**
 2. **Weather station using LEDs**
 3. **Automated Watering/Irrigation System (made with my friends)**
 4. **Controlling an LED tube light using relay and Blynk App**

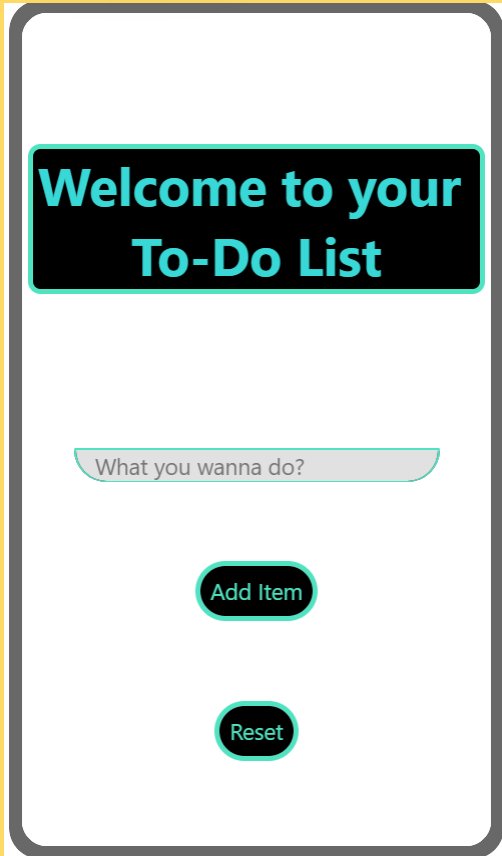
I have also conducted an online, interactive and fun filled seminar for the students of Bangladesh on Paint 3D.



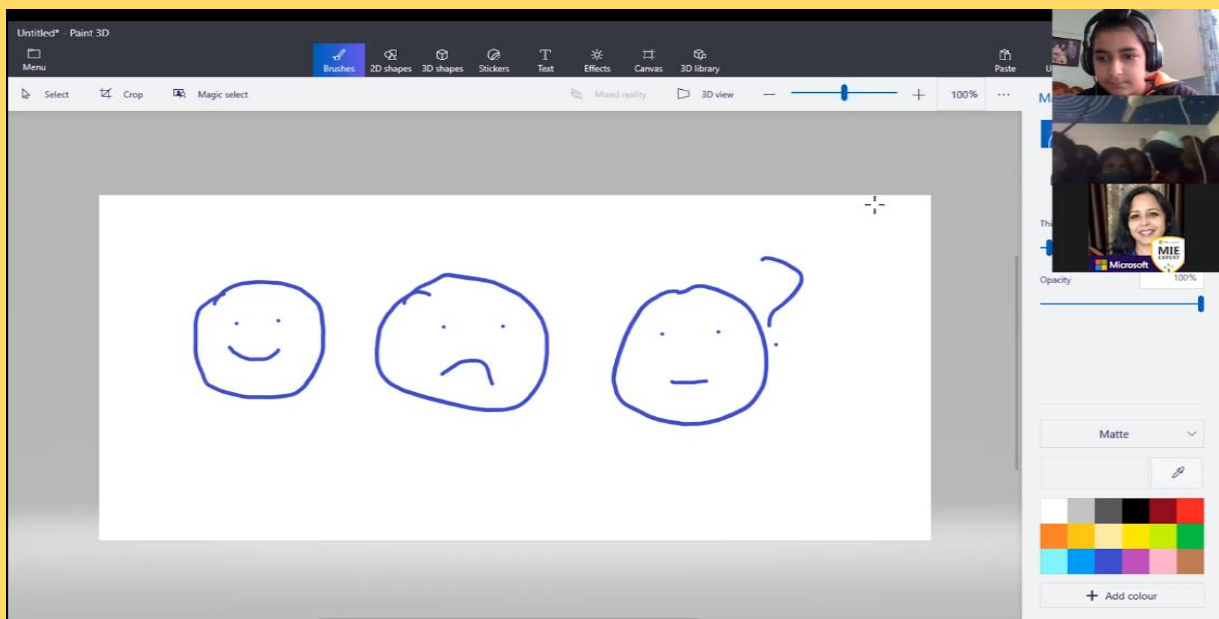
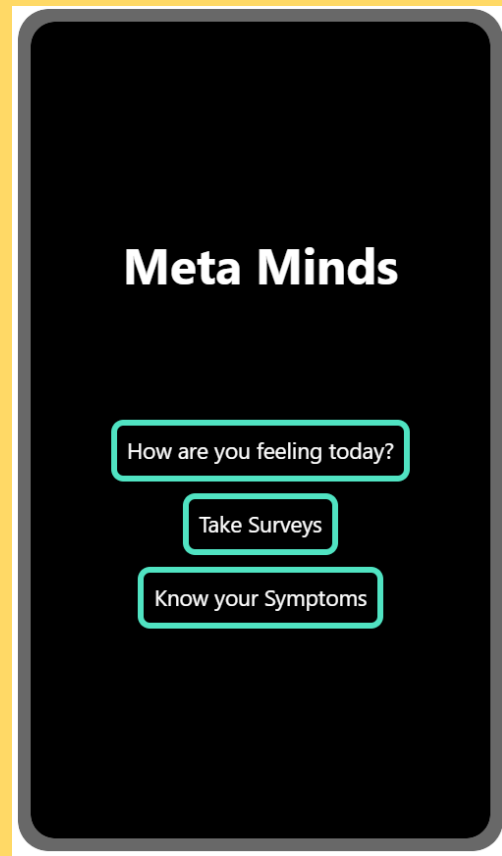
TECHNOPHILE



To-Do List



Meta Minds





TECHNOPHILE



Automated Watering/ Irrigation System

Participants:

Angad Singh

Gauranga Dutta

Parv Gupta

Naman Garg



Idea:

When we saw water getting wasted in humongous quantities, we felt bad for the future generation. We thought if everything continued to be like this, it would end up with bad consequences, not only for us but also for our future generations. So, now it was our turn to play a role, if not a big one, in helping the planet. One day while our friends were having a small get-together, I saw my sister watering the plants and some water lying wasted in the tray under the pot. We thought about how we could change this cycle and save water. This is where our Automated Watering/Irrigation System's journey began.

DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



TECHNOPHILE



Objective:

Our project aims to help farmers and people irrigate fields or plants without worrying about the fields/plants. We have developed an effective and easy to set up irrigation system in the market right now(not for sale though). This system could be used on a small scale for plants in pots and on a large scale as well.

Main points why we are doing this project:

- Water will not be wasted, which is the biggest reason we are doing this project.
- As existing irrigation/watering systems are very expensive, we want to keep the price of this system as low as we can, so that everyone can afford it.
- Existing irrigation/watering systems do not provide automatic irrigation on moisture levels going down, while the proposed system will also provide this feature. The existing irrigation system often waters the plant more than required and sometimes even less than the requirement because of the time set for it to irrigate.
- Existing irrigation systems are said to be very easy to set up but when you buy those it isn't very easy (from my personal experience- Angad Singh)
- Proposed irrigation system requires no human intervention after the setup.
- Proposed irrigation system requires very less electricity compared to an LED bulb

Implementation:

Components:

1 x ESP32

1 x Breadboard

1 x Soil Moisture sensor

1 x Relay

1 x Solenoid Valve



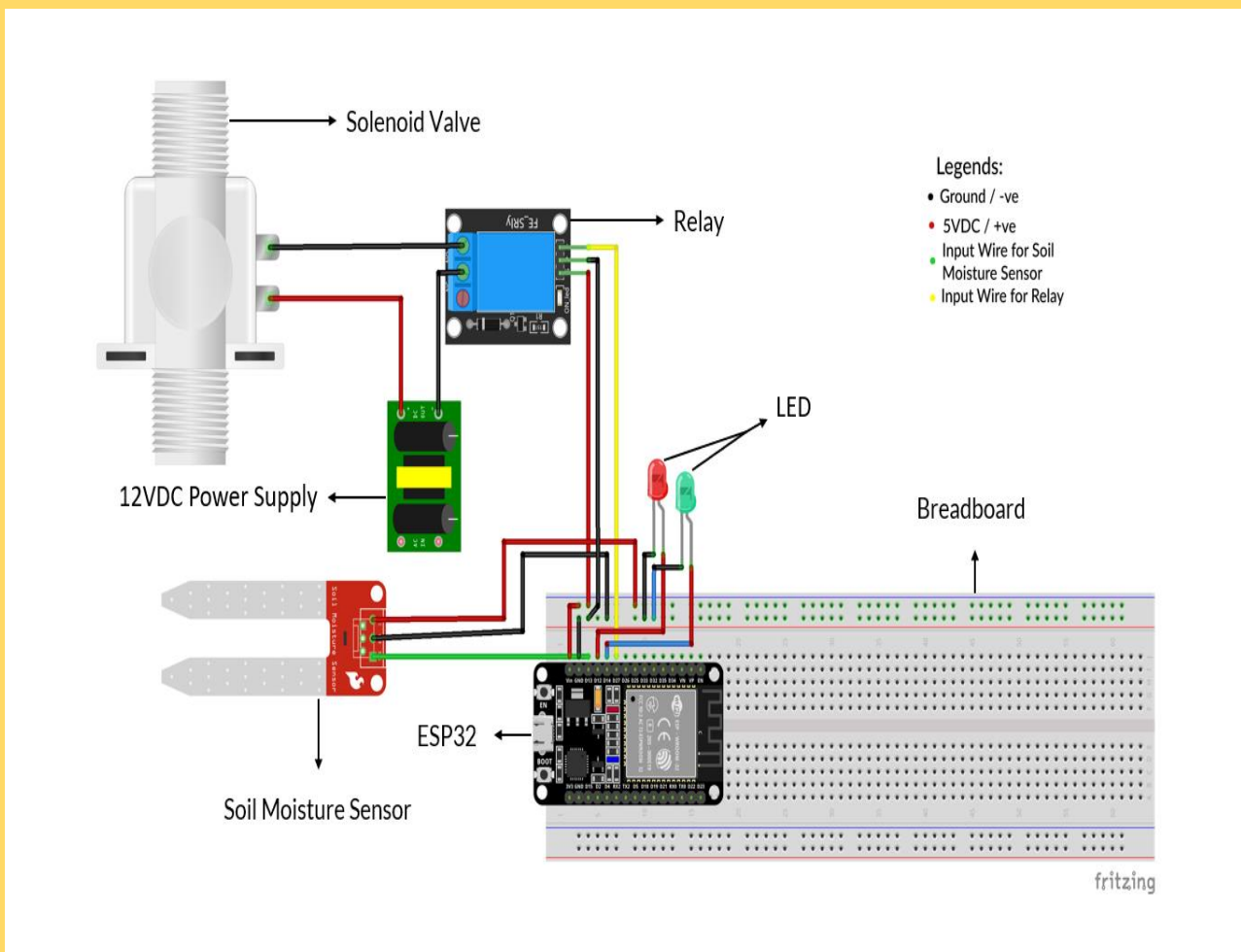
TECHNOPHILE



Few Jumper wires too

Main Concept:

The main concept for this is that the Soil Moisture Sensor will send the moisture level value to the ESP32 at a delay of 0.01 seconds (100 milliseconds). When the moisture level goes down than the set moisture level (around 75% which is the best soil moisture level for a plant to grow in), the ESP32 will be sending the signal to the relay to be turned on. When the relay turns ON then the circuit for the Solenoid Valve will be completed and the solenoid valve will turn on and send the water through the pipe to the plants. When the set moisture level is achieved, the ESP32 will send a signal to the relay again to be turned OFF and no the circuit for the Solenoid Valve circuit will break and the water will stop flowing.



Project Demo Video: [Click Here](#)

DELHI PUBLIC SCHOOL, SECTOR-84 GURUGRAM



TECHNOPHILE



Learning Journey

Kavish Devaria- IX B

Projects

Here you can find the list of projects I've made.

1. Rock-Paper-Scissors Bot.

This is a simple bot made using python to play the legendary rock-paper-scissors game where a random choice is made by the computer. This is a cli (command line interface) program i.e. it will run in either a command prompt or a terminal.

Checkout the explanation of the code here : <https://youtu.be/e9icJbu-mZw>

2. Cyber Bullying website (ECHO – Edifying CyberSpace Harassment Outreach)

A website for spreading awareness of cyber bullying about teenagers. This was even the 2nd runner up in the Tech for Good Challenge - Microsoft (2021). Checkout my website hosted here : <https://kavish.sendildevar.in/cyber-bullying>





TECHNOPHILE



3. Solidarity on COVID 19 WIX Website

A website made using WIX on solidarity on COVID 19.

Check out the website here : <https://devarkavish.wixsite.com/website>



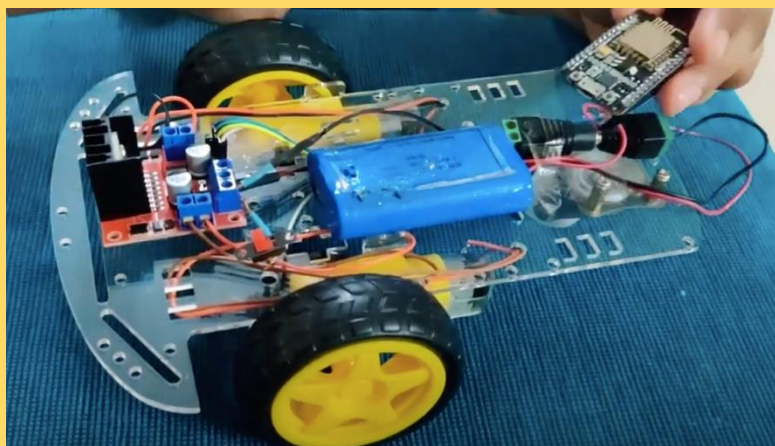
4. Mobile controlled DIY car

In this mobile-controlled car, I have used a ESP8266 that has built-in wifi (for controlling via mobile app). It also uses a L298 driver for driving the BO-motors. This driver also has the ability to send PWM (Pulse Width Modulation) signals that control the speed of the motor. There is also a 7.4 volt 2200 milliampere hour (mAh) lithium-ion battery.

Hardware explanation here : <https://youtu.be/BSiZrdm2E9U>

Code explanation here : https://youtu.be/9hB_YdEz_1s

Apk for controlling here : <https://kavish.sendildevar.in/static/CarControl.apk>





TECHNOPHILE



5. Covid Notifier

This project uses Cloudeya's API to obtain COVID-19 data and then it would notify the number of total cases, active cases, deaths and recoveries.

NOTE - The data source/API I used for obtaining the data is now deprecated, so the code won't work now.

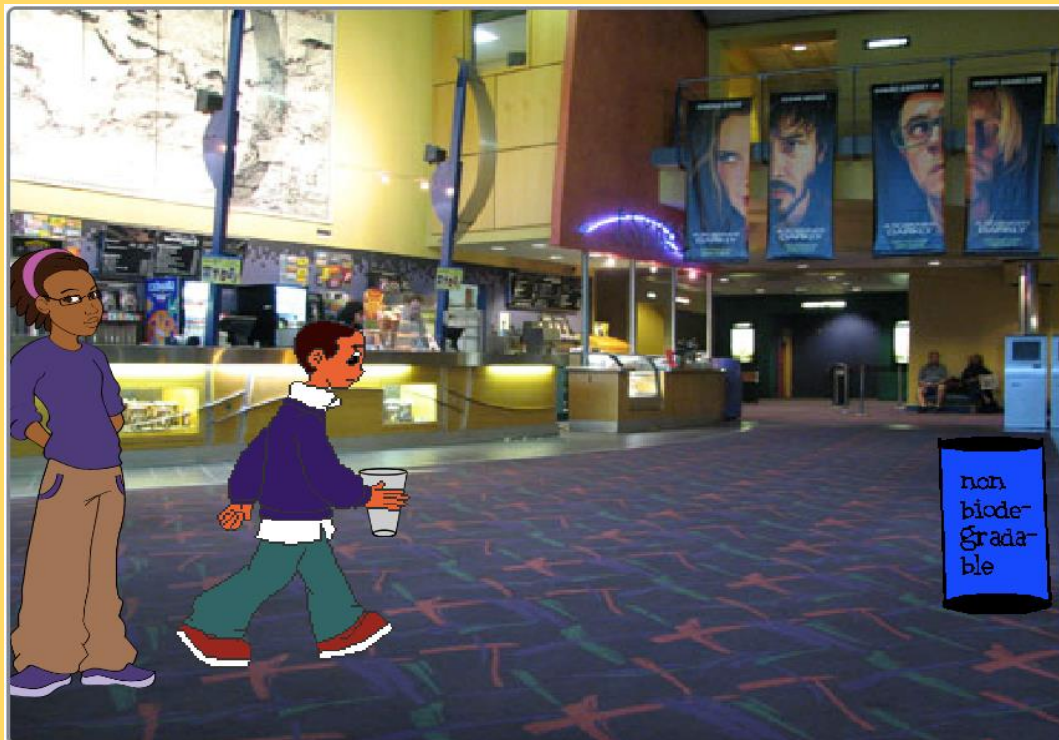
Check code here : https://github.com/ItsMeKoder/covid_notify

6. Circular Economy using Scratch

This was made using scratch aiming to explain circular economy using simple words and images.

Check project here : <https://scratch.mit.edu/projects/266804424>

Check video here : https://youtu.be/ToeCAHQr3_M





TECHNOPHILE



7. Empathetic AI and Empathetic Chatbots website

Check the website here : [Empathetic Artificial Intelligence](#)

1.3.1) What would be achieved by AE (Artificial Empathy) ?

- If AI can understand our feelings, they would now know our pain. And this will decrease the chances of AI being harmful to humans as they would understand what would happen if they hurt one, they would understand the effect of hurting someone.

- It can also understand one's feeling in a more accurate manner/way based on the tone and facial expressions. Also it will respond more accurately. If It is able to understand Facial Expressions, it would also be able understand one's mood, and try to take over the driving and make the person relax.

- Based on where the person is looking, it can know whether one is seeing a device to work or busy in some other things, and if necessary, AI automobile system can take over.

8. Possible individual contributions to SDGs.

Here I have shared my thoughts on how I can What can I, as a student, do to accomplish the SDG's (Sustainable Development Global Goals)?

Wakelet page here : <https://wakelet.com/wake/QIX5us1SztB1N6XNpSBVi>



TECHNOPHILE



9. Trash Segregator

This project uses keras and tensorflow to classify the waste kept into biodegradable and non-biodegradable. This is on the server side.

On the client (the segregator) side there is a raspberry pi, a camera and a servo motor. Here the raspberry pi will detect an object and send the image to the server and the server will classify and return the type i.e. biodegradable and non-biodegradable. And according to the type of the waste it will rotate the servo motor.

The waste is to be kept on the white coloured plate and on the centre for clear classification and for segregation.



THANK YOU

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