

THE INDIAN PUBLIC SCHOOL, KOCHI

# ***TIPS TRIBUNE***

Vol. 3 October 2024

## **October: A Month of Thrills, Triumphs, and Team Spirit!**

October brought an electrifying blend of sports, creativity, and adventure to our school! Dive in and relive the magic of an unforgettable October!

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# SWACHH BHARAT



October 2nd is much more than a number on the calendar; instead, it is the birthday of 'The Father of the Nation,' Mahatma Gandhi, a man whose legacy continues into the present and the future in the form of our freedom. In order to commemorate such a day, in the spirit of true patriotism, we celebrate “Swachh Bharat Abhiyan”-“The Clean India Mission”. The concept of Swachh Bharat Abhiyan is to provide basic sanitation facilities like waste disposal systems, village cleanliness, and safe and adequate drinking water supply to every citizen.

At Tips Kochi, the activities started on the 30th of September with a cleanliness drive near the school complex. The cleanliness drive fostered a sense of teamwork, discipline, and care for the environment among the students. In addition to this, the drive helped change the collective attitude towards cleanliness and displayed the importance of individual responsibility and collective action.



On the 1st of October, to signify our promise to make the world a better place, saplings were planted by parents, Mr. and Mrs. Abdul Rehman, and it was continued by the house leaders and students of grades 3 to 7.

In the afternoon assembly our minds were elevated by a wonderful TED student talk by Philipose Puthenvilayil Philip of Grade 8, on the topic of demotivation, followed by an inspiring speech on the importance of Swachh Bharat by Ridhi Krishna of Grade 6. The assembly concluded with a laugh-inducing and informative skit by the students of grade 8 that depicted Swachh Bharat's journey through the years.

The next events were conducted on the 4th of October. Starting with an eye-opening skit by students of grade 9, which showed the various outlook on Swachh Bharat as well as the importance of community in the initiative. This was followed by an informative speech given by Abhay Mathew Vallady of Grade 7. In a change of pace, a mime was conducted by students of AS level as they personified the Swachh Bharat mission and showcased their acting skills. The week-long program ended with an oath led by Jonathan Roney of A Level, which signified our promise to better cleanliness in our homes, schools, and public areas.

- Anoushka Jose (Grade8)



# BADMINTON FEST

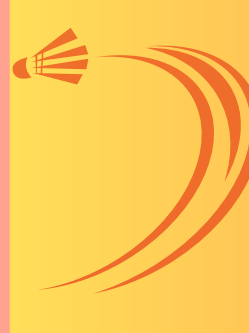


THE BADMINTON FEST, 2024-2025 was held on the 5th of October, 2024 and students from PYP to A-Level participated in this event. There were four teams - Poseidon, Zeus, Hades, and Apollo. The matches were intense and mind blowing. The matches were in singles and doubles. It was a fascinating game where the students of THE INDIAN PUBLIC SCHOOL displayed and showed off their sports skills to the audience.

It was a very good experience not only for the participants but also for the people watching it. Badminton is one of the most loved sports all around the world. It is so popular that it is the national sport of INDONESIA. We are so proud that the Indian Public School team exhibited the true spirit and honour of the game.



~ Meghna Ann Sijo, (Grade 8)







# SOCCER FEST

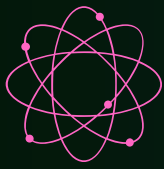
On the 5th of October, all the footballers of TIPS Kochi gathered together for an epic game of football between the House teams of our school ( Apollo,Hades, Poseidon and Zeus). The first match was between the houses of Poseidon and Zeus . At the end of the match Zeus had been declared the winners. The next match sparked off between MYP Hades and Poseidon. The house of Hades had gotten a chance to exhibit their skills when they took off to the finals. The 3rd match was between the house of Hades and Apollo(PYP).

Apollo showed their talents and had earned their spot in the finals where Apollo would clash against the house of Zeus.The last semi-finals were against the house of Apollo and the house of Zeus in which Zeus had won and secured a spot in the finals. As the finals began, the tension skyrocketed. Both houses played very well but in the end Apollo had taken home the trophy. The last final was a tight one between Hades and Zeus. Everyone had their fingers crossed while anxiously waiting to see who would take home the trophy. Both teams had played incredibly well and the scores were neck to neck. Lastly the house of Zeus won in penalty and took home the trophy. It was an exciting day with exciting matches and everyone had played their best.

*- Shreya Manoj (Grade 8)*







# MIRAikan 2024



## Science & Math Expo

### An Amazing Showcase of Young Innovators

On a lively Saturday in October, the auditorium transformed into a hub of discovery and inspiration as students showcased their incredible projects at this year's Science Expo! Featuring a fantastic lineup of creative minds and groundbreaking ideas, the event was an impressive display of young talent, all focused on sustainable solutions for a better future. Each exhibit represented hours of dedication, captivating parents, students, and judges alike.

The Expo began with an energetic opening, where a bicycle powered LED lights. As participants pedal, the dynamo converts their physical effort into electricity, powering a series of LED lights- a fitting tribute to this year's theme, "Honoring Earth with Every Watt." This unique start, set the tone for a day of discovery and innovation. As attendees moved through the exhibits, the judges—**Mr. Sijomon PJ**, Scientist F, Power Electronics Division, NPOL; **Dr. P. Krishnankutty**, Emeritus Professor, Ship Technology, Cochin University of Science & Technology; **Ms. Namita Vipin**, Parent of Ayaana Vipin, Grade 5; and **Mrs. Arati Nair**, Parent of Veera Suraj Vaid, UKG IB—were impressed by the students' clear presentations and creative approaches to real-world problems.

Each project was graded based on Presentation, Creativity, and Originality. Creativity was evident in the innovative solutions proposed, while originality highlighted each project's unique perspective.

Following the exhibition, the awards ceremony took place in the auditorium, where the top teams were recognized for their achievements. **Ajay, Veer** and **Sharan** received first place for their *Smart City* project, an inspiring model of urban sustainability that left a lasting impression. **Bobby** and **Aniketh**, were the second-place winners, and Anouksha and Ameya secured the third place. Consolation prizes went to **Vanchi**, and **Aiswarya**, each recognized for their outstanding efforts. The Science Expo was a tremendous success, inspiring everyone who attended it and leaving them excited for next year's event. Congratulations to all participants and organizers for making this Expo an unforgettable experience!

- *Timon Abraham Thomas (Grade 8)*



# Unlocking the wonders of Science

## GEODESIC DOME



A geodesic dome is a partially spherical structure made of a network of triangles or combination of hexagons and pentagons. The geometric arrangement of these shapes help form a strong and structural support by evenly distributing its weight across the structure. Because of this, fewer materials can be used while maintaining the same strength as the traditional domes or buildings. The geodesic dome was also introduced as an energy efficient model.

The spherical structure of it helps regulate internal temperature, which makes them effective during both cold and warm climates. The spherical shape of the dome minimizes the surface area of the dome, which helps prevent heat loss, during cold climates. The dome's structure also provides efficient airflow and ventilation. So as warm air naturally rises, it escapes through vent or spaces at top and cooler air is drawn in from lower vents or openings. However, these structures are highly complicated and expensive to build, which is one of the primary reasons they are not widely used around the globe.

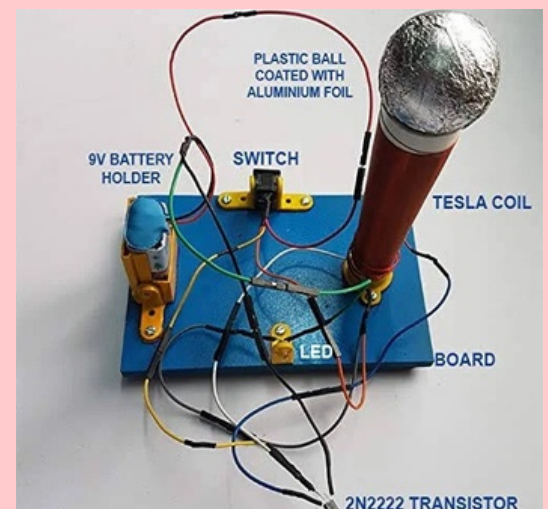
**-Amrutha L Aneesh(Grade 9)**

It is an invention created by Nicola Tesla in 1891. It is a step-up transformer that produce high voltage at low currents with high frequency alternating current. It works based of the principles of Faraday's Law of electromagnetic induction where when a wire is wounded in to a coil and electricity is passed through it, a magnetic field is created, this coil is called the primary coil. If another metal wire is moved back and forth such that is cuts through the magnetic field, electricity is induced in the wire, this wire is called the secondary coil. In a tesla coil, alternating current is used alter the voltage moving through the primary coil such that the magnetic field increases and decreases in height mimicking the movement of the secondary coil thus generating electricity. The voltage multiplied by the tesla coil if found by dividing the number of turns of secondary coil divided by primary coil.

The high voltages cause the air around the tip of the tesla coil to ionize making plasma of lighting up a CFL bulb. A simple tesla coil can be made by using a transistor if have a battery as a power source, the transistor is a high-speed switching device that mimics the direct current to form a sort of alternating current by turning on and off the power supply quickly to form a wave like voltage change similar to that of a pure sine wave of alternating current

**-Bobby Chacko Aloysius(Grade 9)**

## TESLA COIL





# MONTHLY COMPETITION

## LIGHTS, LIPS, ACTION!

### A Day of Unforgettable Performances!

Everyone who participated won the admiration and applause of their classmates, making the event a memorable experience for both the performers and the audience. This year's Lip Sync Competition not only celebrated music but also provided students with a platform to showcase their confidence and stage skills in front of their peers. It was a fantastic event that left everyone eagerly anticipating next year's show. Congratulations to all the performers, and thank you to everyone who made this event a resounding success!



The Lip Sync Competition at our school on the 30th of October was a sensational hit! Held in the auditorium by the Literary Club, this event had students from Grades 6 to 9 step up to the challenge and bring their favourite songs to life in an unforgettable showdown of expression, talent, and pure enthusiasm. The rules were simple: pick a song, learn every beat and lyric, and wow the crowd with your best lip sync performance! Each participant brought a unique flair to the stage, transforming hit songs into mini-performances that left the audience cheering. From classic tunes to current pop hits, students demonstrated their creativity and energy, matching moves and expressions to each lyric with hints of humour! The crowd's favourite performances ranged from comical takes on popular songs to soulful renditions that truly captured the emotions of the music.

**-Meenakshi (Grade 8)**





# FIELD TRIP

## District Science Expo

“

The best way to predict the future is to create it

*-Abraham Lincon*

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TIPS Kochi arranged a field trip for Grades 6 and 7 to St. Mary High School where the District Science Expo was held. The Grades departed from here at 9:00 am and reached there at around 9:50 am. Many projects catered to future development. The project utilized a light sensor that activates in the morning and automatically turns on at night.

This project represents a valuable opportunity for future development and innovation. The trip was both educational and enjoyable for the students, allowing them to spend time with their friends engaging in scientific discussion and future role of the projects. The students will be able to apply these lessons in the future.

*- Mithra Maria Sijo (Grade 7)*







# CYCLING



We had a cycling trip on the 26th of October and it was nothing short of an amazing event. We boarded the bus from school at 5:25 and started our cycling trip from Decathlon at just around 6:15. Since it was so early in the morning, it was a cool and pleasant experience. But immediately the sun rose up in the sky, and all of us were sweating buckets. After we reached the toll gate, we crossed the road to the other side. Next, we stopped for a while to eat breakfast, which was bread, butter and jam. Then we made our way back to an intersection on NH 66. Finally, we got back on the bus and went back to school, where our parents picked us up.

- Abhay(Grade 7)





# BASKET BALL TOURNAMENT

## Winning the All Kerala Cambridge School Basketball Tournament

TIPS Kochi is beyond excited to share our victory in the All Kerala Cambridge School Basketball Tournament, held in Thiruvananthapuram! This tournament was one of the biggest events of the year, bringing together top teams from across Kerala. With each game, the competition grew tougher, but so did our determination to push through and give it all. Every match was intense, filled with moments that demanded strategy, agility, and teamwork.



The final match was especially challenging, but with the support of our teammates, coaches, and fans, we were able to rise to the occasion and help bring home the victory.

This win means a lot to us. It's not only a reward for countless hours of practice but also a reminder of what can be achieved with dedication and passion. A big gratitude to everyone who supported the team, from our coaches for their guidance to our friends for their encouragement.

We returned to school the next day, where we were honored with our trophies and certificates. This was a big achievement for everyone in the team. This was a life-changing moment for us as the goal was achieved with just 10 days of practice. We aimed for an experience but gained the crown instead!

This victory has inspired us to work even harder, and we can't wait to take on future challenges with the same spirit.

"Don't measure yourself by what you have accomplished, but by what you should have accomplished with your ability."-John Wooden. This quote now remains indelible in our minds

~ Meghna Ann Sijo, (Grade 8)





# UPCOMING EVENTS



- Kerala Piravi Day : 01.11.24
- Children's Day: 14.11.24
- Cultural Fest: 22.11.24  
23.11.24
- World Pollution Day:02.12.24
- Monthly Competition:04.12.24
- World Soil Day:04.12.24
- Human Rights Day:10.12.24
- Energy Conservation Day:13.12.24
- Skipping Competition:16.12.24
- Melange 2024:16.12.24 - 20.12.24
- Christmas Celebration:20.12.24

