



213

Cherries

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CHERRIES - ISSUE 213



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EDITORIAL BOARD



Ms. Aparna Arvind
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#1

LOOKING AT MYSELF

Ms. S Lakshmi (Grade 9 Biology Educator)

Though things diverse from diverse sages' lips we learn,
'Tis wisdom's part in each the true thing to discern.

எப்பொருள் யார்யார்வாய்க் கேட்பினும் அப்பொருள்
மெய்ப்பொருள் காண்ப தறிவு.
Stated by the Poet Thiruvalluvar.



We all know that cell is the fundamental unit of life, and this has been taught to us from fifth grade. Can a student verify this? How excited she would be? Verify - How? Yes – the guess is correct, Microscope. Microscope is the greatest facilitator for any biologist. Thanks to the optical physics, it allows us to see things beyond we imagine. The ninth-grade student was introduced to cell theory in the biology class. As a student, she has many doubts. Do really plants have cells? Do animals have cells? If so, are they similar or different? Can we see it? All of these questions were explored in the lab session using a compound microscope. The student used the onion peel (plant cell) and her own cheek cell (animal cell) in this experiment. The experiment answered many questions but at the same time opened up new avenues of exploration.



#2

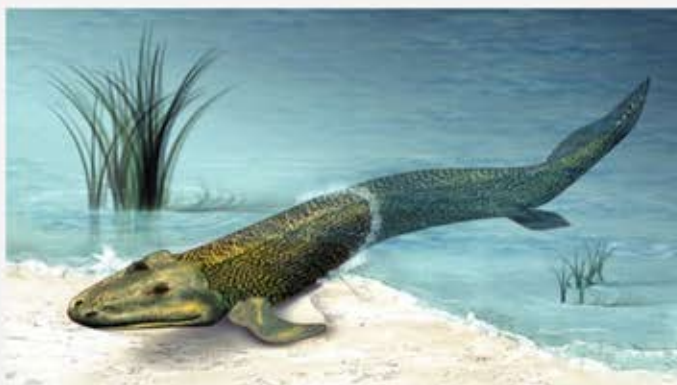
EVOLUTION IS FROM WATER TO LAND OR LAND TO WATER?!



Ms. Divyasri (Grade 12 Student)

Evolution is a process of gradual development in a particular situation or thing over some time, a gradual change in the characteristics of a population of animals or plants over successive generations. All organisms are said to have evolved from one common ancestor which was a unicellular organism. As time went on, these unicellular organisms would form multi cellular organisms which would evolve further and give rise to a diverse range of organisms we know today. Evolution happened from water to land and land to water.

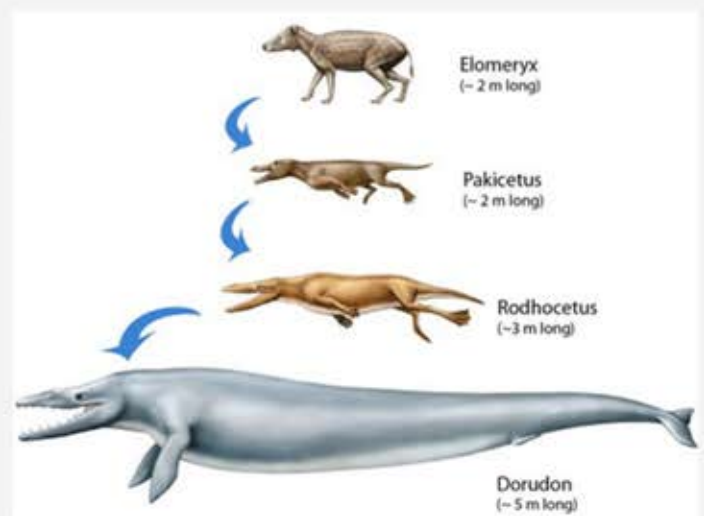
WATER TO LAND



Large fishes evolved into the first amphibians- The Tiktaalik was a species of fish with large fins which could help in to walk on land. Evolution caused them to grow limbs and lose their fins (as opposed to dolphins/whales which lost limbs to grow fin) evolved into the tetrapod (4 limbed creature) we know today. The Tiktaaliks evolved into salamander- like creatures who were still tied to water but can handle the gravitational force and dryness of the land.

LAND TO WATER

Whales and Dolphins evolved from land mammals- Millions of years ago, dolphins and whales slowly began to inhabit coastal regions where there was plenty of food available and there was little to no competition. As a result, they lost their hind limbs which transformed into flippers, their body length increased and their mouth extended in order to more well adapted to live in waters



#3

THE MARKET VISIT

Ms. Amutha Venkadesan & Ms. Muthulakshmi Murugan
(Grade II Commerce Educators)



Pallavaram Friday Market (Popularly Known as Pallavaram Sandhai) is a market in Pallavaram, Chennai, Tamil Nadu. It is an ancient marketplace for vendors where food items, plant saplings, animals and electronic goods are available. The market had its origin in 1800. The market is open only on Fridays, and is known locally as the 'Friday Market'.

As a part of our curriculum, the commerce department had a field visit to a weekly market- Pallavaram Market. This market is open on Fridays and thus is always crowded. From this field visit, we as students were exposed to environments that we were not used to, this helped us further understand and grow as people.

Our main objective was to interview the vendors and collect information on the way they practise their business. We interviewed a total of 4 vendors with a questionnaire and learnt the various ways people advertise their stalls- via speakers or voice and social media, the different types of goods being sold- people were selling items that other people would throw away [broken mobiles and car parts, etc.]





We chose this place, as visit to a market is a part of our commerce curriculum and we need to prepare a project for the same. Other than the academical objectives, we acquired a lot of other learning experiences. Bargaining being one of the useful skills we obtained which will help us to save money. We ventured out to meet different types of vendors and businessmen and also saw live - stock being sold in a street market. As we had to return within school hours, we also learnt about time management. We were exposed to this learning environment for the first time which had a positive impact on us as as we have developed an interest in setting up our own business.





Ratchitha
G 11
BHISK

4th July 2023

Mrs. Asma Nainar
BHISK
Knowledge Village,
Thaiyur
Chennai - 603103

Sub: Acknowledgement of new responsibility of being Cultural Secretary

Dear principal Mam,

I am writing to express my gratitude for the opportunity to serve as a Cultural Secretary of Billabong. I am humbled by the trust and confidence that you have placed in me to take on this new responsibility. As a Cultural Secretary, I understand that I have a significant role to play in promoting and organizing cultural events in our school. I am committed to working closely with my fellow students, teachers, and staff to ensure that our school's cultural events are successful and enjoyable for everyone involved.

I am excited to take on this new challenge and look forward to working together with you and the rest of the school community to make our cultural events a success.

Thank you again for this wonderful opportunity and I am honored to serve the Cultural Secretary.

Thank you
Yours faithfully
R. Ratchitha

#5

CREATE MODEL NEURONS AND DISCOVER THE POWER OF LEARNING

Ms. Malar & Ms. Nithya (Grade 3 Science Educators)



As part of our science curriculum, the young minds of Grade 3 were introduced to the concept of neurons - the fundamental building blocks of our brain. Through interactive and fun learning methods, the students grasped the knowledge of different parts of a neuron, including the nucleus, dendrites, and impulses.

To reinforce their understanding, the learners embarked on a creative endeavour - building models of neurons using clay. It was truly a sight to behold! The classroom buzzed with enthusiasm as they mixed and moulded different colours of clay to represent each part of the neuron.

This group activity not only allowed them to visualize the structure of a neuron but also helped them appreciate the teamwork and cooperation necessary to achieve their common goal. The learners thrived on the collaborative spirit, sharing ideas and supporting one another throughout the process. Together, they joyously celebrated the completion of their neuron models.



#6

PLAY WITH COLOURS

Ms. Saradha (Grade 3A ICT Educator)



"Colours are the smiles of Nature; Colour is a power which directly influences the soul." MS Paint is a software present in Windows. It allows us to draw pictures and edit them. It provides us with various tools which help in making our work easy. It also provides us with a variety of options to draw, edit, colour, and send our files to anyone we want. Learners can save their creations in different formats.

Today's generation are entwined with the technology, when they are given an opportunity to use it to explore their creativity skills, it's a bliss to visualize. We all love colours, when we are allowed to play with our creations, its FREEDOM. The learners came up with their creativity with the software. Looking at their imaginations and colour combinations on their images it proves again children are Natural creative geniuses. Every painting is a journey of its own and the young minds proved it with their work.



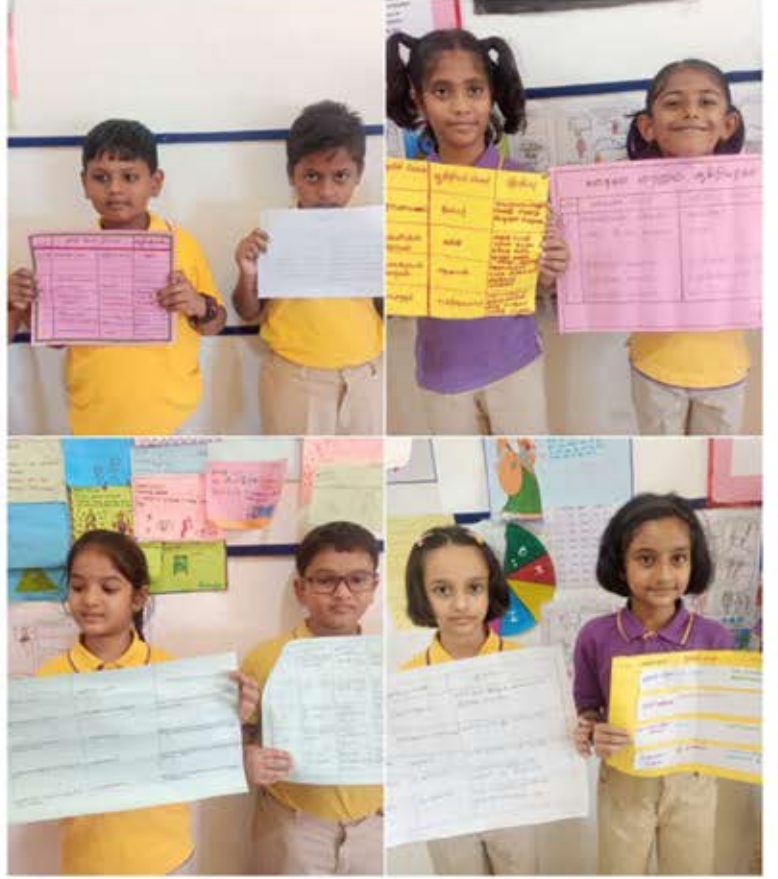
#7

சிந்தனையைத் தூண்டும் சிறு கதைகள்

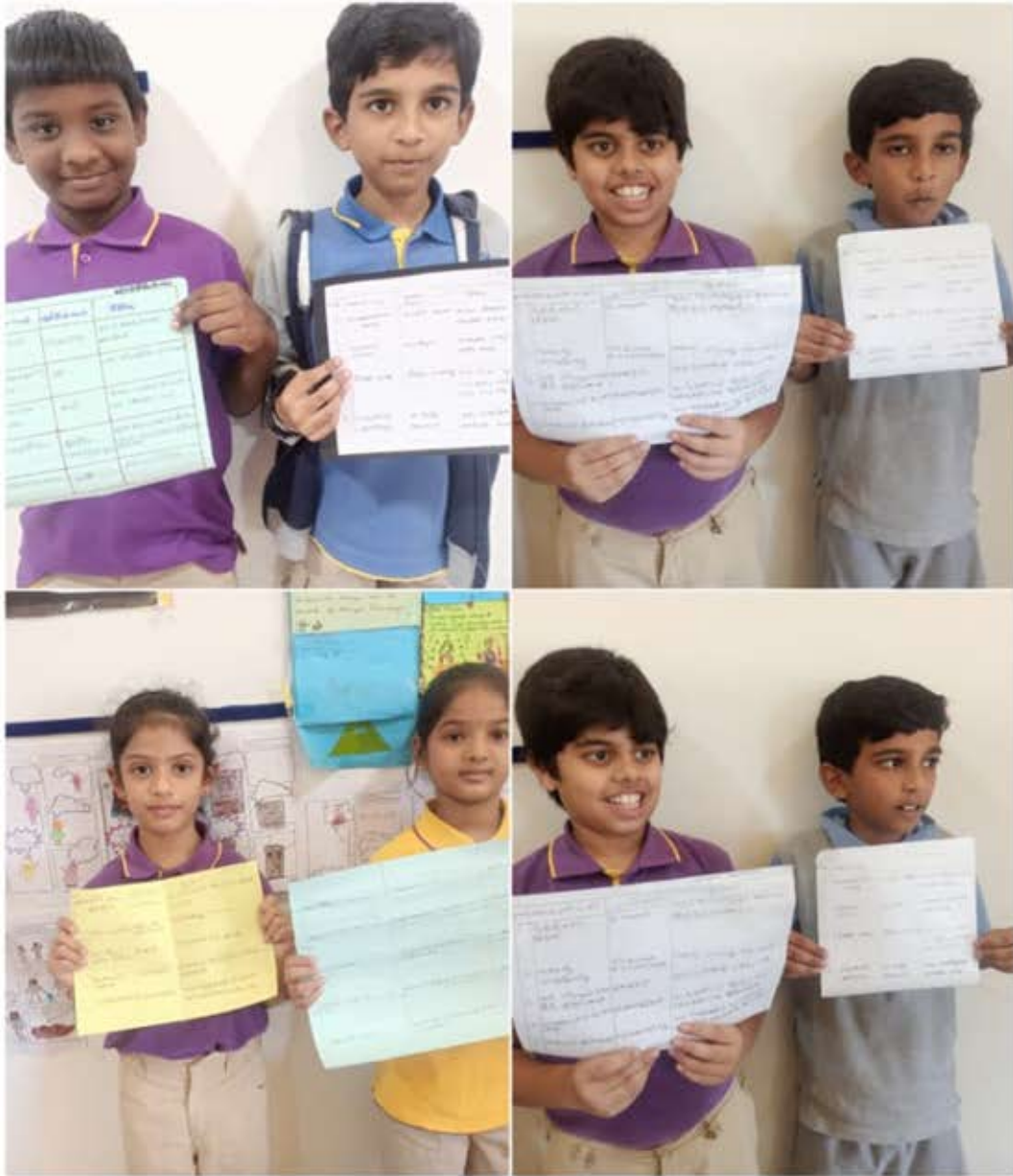
Ms. Anjali Devi (Grade 4A Tamil Educator)



மாணவர்கள் நூலகத்தைப் பயன்படுத்தி அவர்களுக்குப் பிடித்த ஐந்து கதைகளைப் படித்து அந்தக் கதைகளின் ஆசிரியர் பெயர்களையும் அறிந்து வந்தார்கள். மாணவர்கள் வகுப்பறையில் ஒவ்வொருவரும் அவர்களுக்குப் பிடித்த கதைகளையும் கதைகளின் ஆசிரியர் பெயரையும் கூறினார்கள். இதன் மூலமாக மாணவர்களுக்கு புத்தகம் படிக்கும் ஆர்வம் அதிகம் ஆகும். மற்றும் நூலகம் சென்று கதைகள், கவிதைகள், பாடல்கள், விடுகதைகள் என புத்தகங்களை தேடும் ஆர்வம் அவர்களுக்குள் அதிகமாகும்.



இதுமட்டும் இல்லாமல். மாணவர்களுக்கு தமிழ் புத்தகங்கள் வாசிக்கும் திறன் அதிகம் ஆகும். மேலும் தமிழின் பெருமையை நன்கு அறிந்து கொள்ள இது ஒரு அறிய வாய்ப்பாக அமையும். மேலும் தமிழ் மொழியை பிழையின்றி பேசவும் வாசிக்கும் திறனும் அதிகமாகும். இதன்மூலம் தமிழில் மாணவர்கள் தனது தனித் திறமையை வளர்த்துக் கொள்ள வேண்டும்.



#8

CELEBRATING THE COUNTRY

Ms.Saranya. J (High School Physics Educator)



With zeal, the students from grade 8 – 10 were all settled down to watch the live telecast of Chandrayaan – 3 launch at 2.00pm on 14th July, in Grade 10 classroom. A questionnaire session and a few discussions were held on the Chandrayaan 1,2 and 3 spacecrafts. The students were very keen on Space and Technological developments and showed their love for the country when the countdown started. They cheered with joy and applause after the successful launch. India's ambitious moon mission Chandrayaan-3's primary objective is to successfully carry out a soft landing near the Moon's south pole by late August and deploy the rover for scientific exploration for a period of one lunar day or 14 Earth days.





A successful landing would make India the fourth country to achieve the feat after the United States, China and erstwhile USSR. Chandrayaan-3 is the third lunar exploration mission in the fourth operational mission (M4) of LVM3 launcher, formerly the GSLVMkIII rocket from Satish Dhawan Space Center SHAR, Sriharikota. The propulsion module carried the lander and rover configuration up to 100 km lunar orbit. The mission objective of Chandrayaan 3 is to demonstrate a safe and soft landing on the lunar surface, demonstrate rover roving on the moon and conduct in-situ scientific experiments. The spacecraft will complete a 3,84,000 kilometers long journey in nearly 48 days (about 1 and a half months) to attempt a soft landing on the Moon. The students were able to develop a scientific temper and gain knowledge of new terms related to Spacecraft.



#9

SHOW AND TALK

Ms. Revathy (Grade 8 English Educator)

Talk



The smart cookies of grade 8 participated in an activity “Show and Talk” related to the theme ‘Communication Gadget’. Children described and spoke a few lines on the gadget of their choice. They even managed to include a social message in their descriptions. The students participated with zeal and enthusiasm as they came up with various interesting gadgets like Laptop, Tablet, Mobile Phone, Alexa and explained their characteristics in an impressive manner. Through this activity, there was not only an enhancement in the vocabulary of the students, but a boost of confidence was also seen. This activity was conducted to foster public speaking competency of the young students and to make them feel confident and self-reliant.



#10

WATER FUN

Ms. Suhasini (Grade 1 Educator)



At Billabong, we give importance to non-academic activities too. One such activity is the SPA-Sports Performance Arts on a daily basis which makes the student develop an interest on a special sport or activity of their choice. The grade 1 students wait eagerly for swimming activity, to have fun and learn a new skill. A few glimpses of this sport.



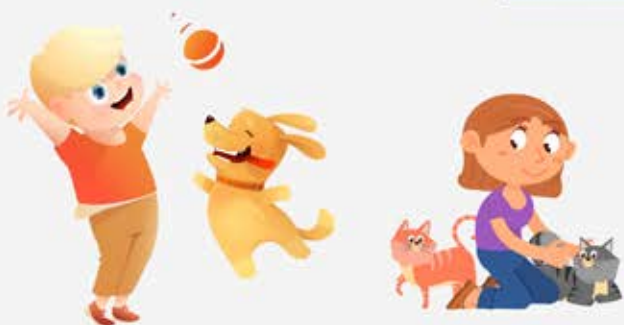


#11 MY PLAYFUL PETS

Ms Sivaranjani S (Nursery Educator)

When children learn about animals, they build important senses of connection, empathy and caring. Caring for a pet instills respect for life and an awareness of the needs of others as well as giving children an understanding of how their behaviour can affect others.

Our little students created a cute pet animal art this week : Tearing and pasting activity on dog-The Bingo to express their love towards the pet animals, also kids had fun making the activity and named their favourite pet dog like puppy, bingo, Elfa, Leo etc., This activity helped the children to develop creativity and fine motor skills.



#12

Save Water

Ms. Shahana (Junior Kindergarten Educator)



Our little explorers are learning about the water cycle and its significance to our lives. They learned about the benefits of rainwater and how to collect it, and they did a rainwater filtering experiment. They also conducted a water experiment to better understand the role of water in plant growth. They also learned the value of preserving water and discussed different techniques for saving water in daily activities such as cleaning, cooking, and bathing. As an outcome of their learning, they pledged to conserve water.





#13 BLOW PAINTING

Ms Sarala B (Senior Kindergarten Educator)

Blowing through straws to create colorful blow paint art is more than just fun! Blow painting can help with oral motor development as well as fine motor skills. In this activity, children observe breathing patterns at rest and after exercise.

Learners performed the jumping jacks for 30 seconds and then immediately after the jumping jacks, learners were very excited to share the reflection on their breathing pattern. Class discussion focuses on whether the children are breathing faster after exercise and why this is (the body needs to take in more oxygen).



After the jumping jack's activity learners started blow paint activity, children were asked to use their own breath to 'paint', and observe how their artwork changes as it dries, and they enjoyed it



Have you ever wondered how the food you eat travels to your stomach?
How does food give us energy?
Do you think it is important for us to eat?
Have you ever heard of the word digestion?

With the help of a digestive system demonstration, our senior kindergarten students found solutions to all of these queries. Students were instructed to place food and water in a zip lock bag and mash it as if it were the stomach, as this is what happens in the digestive system.



After mashing, they strained the mashed food to simulate the small intestine. They squeezed the liquid and realised that the they are the nutrients received by the body to provide energy and the trash that cannot come out of the strainer are the waste materials. Following that, the children investigated the human digestive system model and realised about the ingestion and elimination of food through our bodies.