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WEEKLY EXPLORER

ISSUE 1 VOL6. JUNE 1–7, 2025

FROM THE EDITOR'S DESK

Dear Explorers,

Welcome to the very first issue of Weekly Explorer—a place where learning meets fun! Every week, we'll take you on a journey through exciting news, mind-blowing facts, quizzes, creativity, and more. This digest is made just for YOU—students from classes 6 to 12—who are curious, creative, and always eager to learn something new.

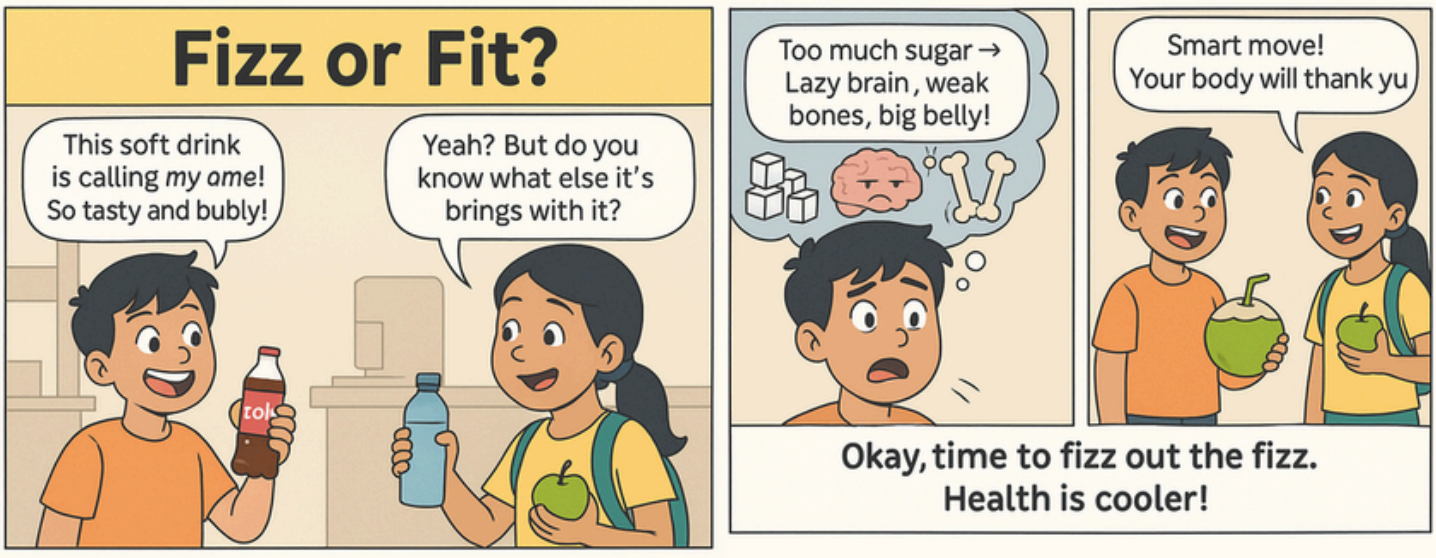
Let's open our minds, sharpen our thoughts, and most importantly—enjoy the adventure of discovering something new every single week!

Keep exploring!

Editor

CONTENT

- **News stories of the week**
  - This week in history
  - GK & Quiz corner
  - Did you know
- **Science spark**
  - Try this at home
  - Tech talk
  - Science in daily life
  - Explorer's Tip of the Week
- **Language & literature**
  - Word of the Week
  - Idiom of the Week
  - Poem Pick
  - Book of the week
  - Writing Prompt
- **Health & wellness**
  - Health Tip of the Week
  - Mental Wellness Tip
  - Yoga Pose of the Week
  - Snack Smart
- **Creative corner**



WEEKLY EXPLORER ISSUE 1 VOL6. JUNE 1–7, 2025

World in last week

Top News of the Week

1. 🇮🇳 India Launches Weather Satellite INSAT-3D+

ISRO successfully launched a satellite to monitor India's weather more accurately. It will help track storms and rainfall better.

2. 🌐 UN Celebrates World Environment Day (June 5)

This year's theme: "Land Restoration". Countries across the globe pledged to plant more trees and protect green spaces

3. 🏏 India Wins T20 Match Against Australia

In a thrilling game, India beat Australia by 6 wickets in the 2nd T20 series of the season. Player of the Match: Suryakumar Yadav.

4. 🧪 New Antibiotic Breakthrough by UK Scientists

Researchers discovered a new antibiotic that could fight resistant bacteria. It's a big step in global health.

5. 🏫 CBSE Introduces Coding and AI in Middle School Curriculum

Starting this year, students from class 6 onwards will learn basic coding, AI concepts, and creative problem-solving in schools.

6.India's First Astronaut to Visit the International Space Station

Group Captain Shubhanshu Shukla, a distinguished test pilot in the Indian Air Force, is set to become the first Indian astronaut to visit the International Space Station (ISS). He will serve as the pilot on Axiom Mission 4 (Ax-4), scheduled to launch from NASA's Kennedy Space Center in Florida on June 10, 2025.

This Week in History

June 10, 1921 – The first Miss India beauty contest was held in Mumbai.

June 12, 1898 – Philippines declared independence from Spanish rule.

QUIZ CORNER

1. Who is the first Indian astronaut set to visit the International Space Station (ISS)?
2. Which Indian city recently held a major tree-planting drive for World Environment Day 2025?
3. What is the name of India's upcoming human spaceflight mission?
4. Which country hosted the 2025 G7 Summit in June?
5. What is the theme of World Environment Day 2025?
6. Which Indian state recently banned the sale of junk food in school canteen
7. Who won the 2025 French Open Men's Singles title?

DID YOU KNOW

Sharks are older than trees!

Sharks have existed for more than 400 million years, while trees came around only 350 million years ago.

💡 **The Eiffel Tower can grow taller in summer.**

Due to the heat, metal expands and the tower can grow about 6 inches taller!

✅ Answer Key
1. Shubhanshu Shukla
2. Madurai

✅ Answer Key
3. Gaganyaan
4. Italy

✅ Answer Key
5. Restore Land, Stop Drought
6. Kerala
7. Carlos Alcaraz



Language & Literature

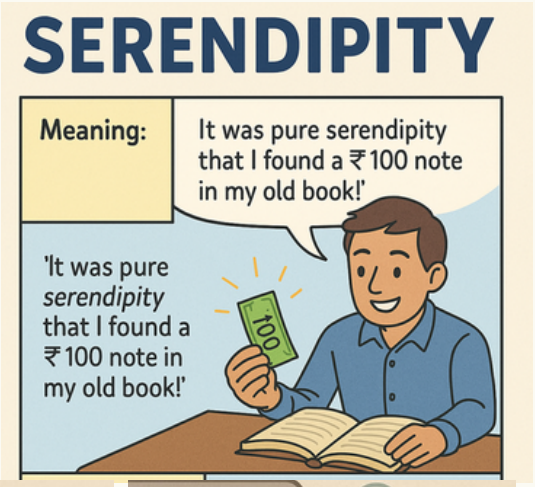
Word of the Week

"Serendipity" (noun)

Meaning: Finding something good without looking for it

Example: "It was pure serendipity that I found a ₹100 note in my old book!"

Fun Fact: The word comes from the ancient name of Sri Lanka—Serendip.



Idiom of the Week

"A blessing in disguise"

Meaning: Something that seems bad at first but turns out to be good

Example: Missing the bus was a blessing in disguise—I met my old friend while waiting!



QUIZ TIME

Book of the week

Title: George's Secret Key to the Universe

Authors: Stephen Hawking & Lucy Hawking

This fun and exciting story follows George, a curious boy who discovers a talking computer that can take him on real journeys into space!

With the help of his new friend Annie and her scientist father, George travels through wormholes, dodges black holes, and learns how the universe really works—all while trying to stop a dangerous plan.



Language Around the World

One interesting word or phrase from another language.

Example: "Komorebi" (Japanese) – sunlight filtering through trees

Tongue Twister Challenge

"She sells seashells by the seashore."

"Betty Botter bought some butter, but she said the butter's bitter"

Writing Prompt

If I had a superpower...

Write a short paragraph or story beginning with: "If I had the power to become invisible, I would..."

📩Send your responses to your school library to be featured next week

SCIENCE SPARK

CONCEPT OF THE WEEK

🔍 What is Gravity?

Gravity is the invisible force that pulls everything toward the Earth's center. It's what keeps your feet on the ground and the Moon in orbit around the Earth.

📌 Fun Fact: If there were no gravity, we would all float like astronauts in space!

TRY THIS AT HOME – SIMPLE EXPERIMENT

🌀 Dancing Raisins!

You'll Need:

A glass of clear soda (like Sprite)

A few raisins

What to Do:

1. Drop 4–5 raisins into the glass of soda.
2. Watch them sink, then suddenly rise and fall like they're dancing!

Why it Works:

The soda has carbon dioxide bubbles. These bubbles stick to the raisins, lifting them up. When the bubbles pop, the raisins sink again!

TECH TALK – INVENTION OF THE WEEK

🤖 Smart Glasses

New smart glasses by tech companies can take photos, translate languages, and even read aloud texts for people with vision problems. These glasses are like having a mini computer right in your eyewear!

SCIENCE IN DAILY LIFE

🧠 Can We Really Multitask? What Happens in Your Brain?🧠 Science says no!

When you try to multitask, your brain switches quickly between tasks, rather than doing both at the same time. This makes you:

Slower at both tasks

More likely to make mistakes

More tired without realizing it

📚 So, doing one thing with full focus is smarter and saves energy.

Multitasking isn't powerful—it's d istracting!

SPARK OF THE WEEK

Why Don't Birds Get Electrocuted on Electric Wires?

Birds often sit on high-voltage wires, but they don't get shocked. Why?

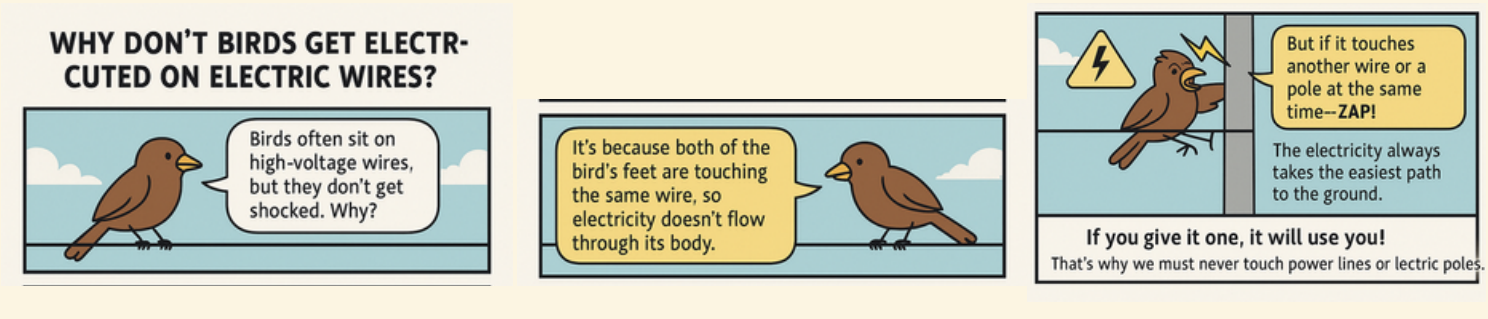
It's because both of the bird's feet are touching the same wire, so electricity doesn't flow through its body.

⚠️ But if it touches another wire or a pole at the same time—ZAP! The electricity finds a path to the ground, and the bird can get electrocuted.

🧪 Science Rule:

Electricity always takes the easiest path to the ground. If you give it one, it will use you!

📍 That's why we must never touch power lines or electric poles.



WEEKLY EXPLORER ISSUE 1 VOL6. JUNE 1–7, 2025

MATHTECH MARVELS

MATHS MARVEL

The Magic of the Number 9

Did you know? Any number multiplied by 9 has a secret pattern!
Try this:
9 × 2 = 18 → 1 + 8 = 9
9 × 5 = 45 → 4 + 5 = 9
9 × 9 = 81 → 8 + 1 = 9
🧠 No matter what, the digits always add up to 9!
Challenge:
Try this with 2-digit numbers. Do they still follow the rule?
Example: 9 × 23 = 207 → 2 + 0 + 7 = 9
This is called a digit sum trick—a fun way to check your answers

The Magic of the Number 11

Math Trick : Multiply Any Number by 11 Quickly
Try this:
👉 42 × 11
Split the digits: 4 _ 2
Now add 4 + 2 = 6
Insert it in the middle → 462

✅ 42 × 11 = 462

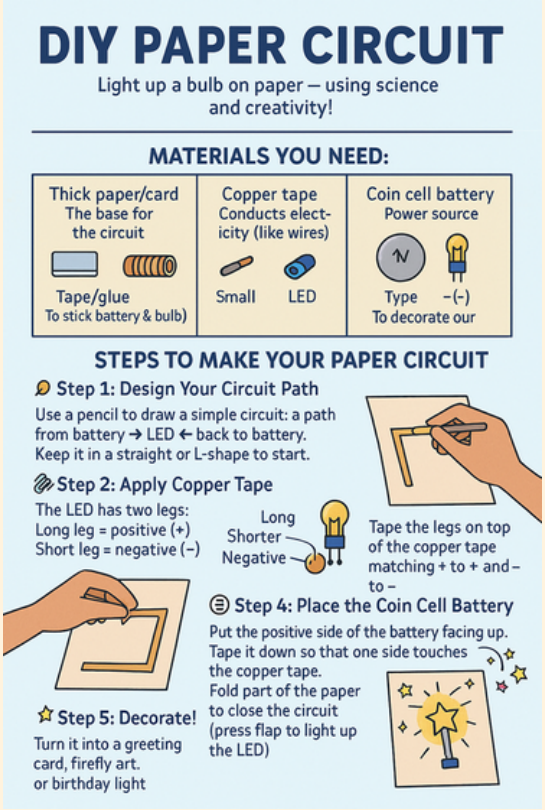
👉 63 × 11
6 + 3 = 9 → 693
Works great for 2-digit numbers!

TECH SPARK

What Is a QR Code?

What Is a QR Code?
QR stands for Quick Response.
It's a square-shaped barcode that stores data like links or contact info.
📷 Just scan with your phone—and boom! You're on a website, menu, or payment page.
🧪 It works by encoding information into black-and-white squares that computers can read instantly.

Paper Circuit









HEALTH AND WELLNESS

Sleep Matters

Getting 7-9 hours of sleep helps your brain stay sharp, your mood stay calm, and your body stay strong.
📌 Try this: Keep devices away 30 minutes before bed to fall asleep faster.

Mind Matters

Name It to Tame It
When you're upset, say how you feel:
"I feel nervous because of the test."
This helps your brain calm down and think clearly.
Remember: Talking about emotions makes you stronger, not weaker!

Snack Smart

Carrot-Cucumber Chat
Chop carrots and cucumber. Add a pinch of salt, lemon, and chaat masala.
➡ Crunchy, tasty, and good for your skin!

Happiness Habit of the Week

Start Your Day with Gratitude
Write down one thing you're thankful for every morning.
Example: I'm thankful for my loving family.

Activity👉👉
Students can take pictures of their real meals with "5 colors on one plate" and submit to be featured in next week's Explorer

Yoga Pose of the Week

🌳 Vrikshasana (Tree Pose)

How to Do It:
1. Stand straight, lift one foot, and place it on the opposite inner thigh.
2. Join your palms in front of your chest.
3. Balance and breathe deeply.

Benefits:
✓ Improves focus
✓ Builds balance
✓ Strengthens legs and backTr

Try it during your break time for a calm mind!

Eat the Rainbow!



What does "Eat the Rainbow" mean:
It means eating a varietty of colorful fruits and vegetables every day - like red tomatoes, orange carrots yellow bananas, green spinach, blue berries, and purple grapes.

Each color has special nutrients that help your body stay strong and your raind stay sharp!

Here's how each color helps you:

R	Red Orange	Tomato, Apple, Watermelon Boost eyesight and skin health	Good for heart ad skin health
O	Orange Yellow	Banana, Corn, Pineapple Build strong bones and energy	Great for digestion energy
G	Green Breen	Spinach, Cucumber, Broccoli Protekyour brain and immunity	Builds strony bones and boost immunity
B	Blye Brinjal	Blueberty, Black grape Protect your brain improve memory	Fights illness keeps cells healthy
P	Purple Purple	Brinjal, Purple eabbage Fight illness and keep cells healthy	

SCHOOL IN LAST WEEK

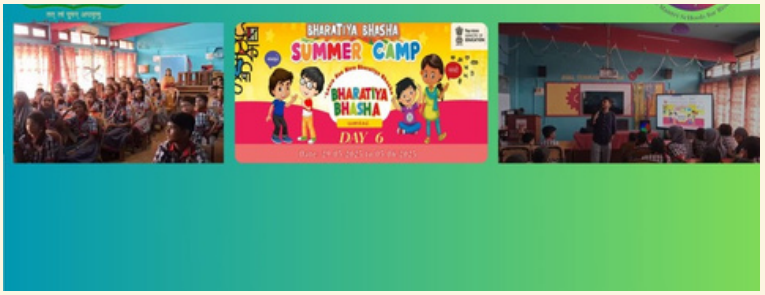








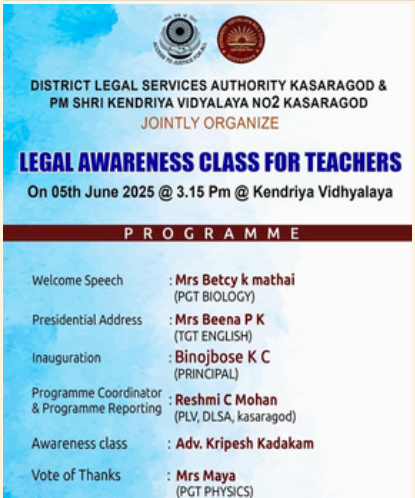
















Environment Awareness Bulletin