

Presents

Brainiac Bulletin

A FORTNIGHTLY NEWSLETTER

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 **27 Years**
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Countries

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Olympiads


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SCIENCE OLYMPIAD FOUNDATION
2025-26

IMO | NSO | IEO | ICSO | IGKO

RESULT DECLARED



CHECK HERE

★ SOF WISHES ALL THE BEST ★

TO ASPIRANTS TAKING THE JANUARY OLYMPIAD EXAM!

FORTNIGHTLY UPDATES

1. SOF Olympiad Examination Update

All SOF Olympiads 2025 have successfully completed their second phase, while IHO, ICSO and ISSO are approaching their respective scheduled examination dates.

2. SOF Level-2 Examination Schedule (IEO, IMO, NSO)

Domestic Examinations

- **8 February 2026** – All regions except Maharashtra
- **15 February 2026** – Maharashtra only

International Examinations (Hybrid Mode)

- **9 February to 27 February 2026**

3. Registration Status

Registrations for the SOF Olympiads 2025–26 session are now closed. The current session witnessed remarkable participation from schools and students across the country, reflecting a strong commitment to academic excellence.

4. Upcoming Announcement

SOF extends its **sincere appreciation to all participating schools** for their continued cooperation and support. **Details regarding the forthcoming SOF Olympiad session will be announced shortly.**

For additional information, Schools and institutes are advised to contact the SOF support team. Teachers and Principals may contact SOF Authorities at **+91 9312680855, +91 9312680857, or +91 124-4951200** to get all the details.

Showcase Your Success in the SOF Hall of Fame!

SOF invites schools, parents and students to submit entries for the "Hall of Fame", a platform that celebrates exceptional and well-rounded student achievements. Selected entries will be featured on the SOF website, Facebook page, and in this newsletter.

To participate, please email your achievements along with valid proof and photographs to **info@sofworld.org**

FROM EDUCATORS' DESK -TEACHER TESTIMONIALS

**Real voices. Real classrooms. Real impact**

Discover how educators like you are transforming teaching, one story at a time.

STUDENTS WHO DARED TO DREAM BIGGER - STUDENT TESTIMONIALS

**Stories That Illuminate the Path to Success**

Every star has a story. Discover what drives these young achievers.

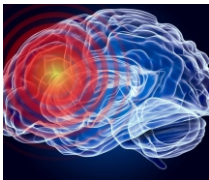
MTG's SOF Olympiads Level 2

Resources Live! IEO IMO NSO

- ✓ Online Mock Test
- ✓ OSDS
- ✓ Previous Years' Papers
- ✓ Online Crash Course

Structured, guided practice for Olympiad Gold Medal.

Order Now!

Science is cooler than you think!**Tiny Peptide Protects Injured Brain**

Researchers have identified a tiny peptide that can travel through the bloodstream and lock onto injured brain tissue after trauma. In animals, it reduced brain damage and improved recovery, raising hopes for the first non-invasive drug to treat traumatic brain injury.

[Click here](#)

FREEBIE ALERT – Free E book for powerful learnings**More Reps, more prep!**

Transform the way your students learn. Download these free ICSSO sample papers that help students analyse exam questions and gain concept familiarity. Help them learn faster, understand better and think smarter.

[Download here](#)

INNOVATIONS THAT CHANGED OUR WORLD FOR FOREVER!

Everyday Invention That Made Cooking Easy

By Percy Spencer (1945)

Before the microwave oven existed, cooking and reheating food required stoves or ovens, often taking a long time and constant attention. Preparing meals could be slow and inconvenient, especially for busy households. In 1945, American engineer Percy Spencer made a groundbreaking discovery when he realised that microwave radiation could heat food quickly. This simple yet powerful idea introduced a new way of cooking that was faster, cleaner, and more efficient than traditional methods. The microwave oven soon transformed kitchens around the world. It allowed people to reheat leftovers in seconds, cook simple meals with ease, and save both time and energy. From homes and offices to schools and hospitals, the microwave became an essential appliance. Percy Spencer's invention changed daily routines and modern food preparation, turning a scientific discovery into one of the most useful household technologies of all time.



THE BOOK FAIR

IS IN ITS FINAL PHASE

(Don't miss the experience)

Don't miss your chance to interact with us personally

Visit us: 11 am to 8 pm
Hall No. 6, Stall No. U-08
Bharat Mandapam,
Pragati Maidan, New Delhi

TEXTBOOK MEETS REAL WORLD

Invisible Ink Using Lemon Juice

Invisible ink made from lemon juice is a simple example of how chemical changes can be revealed using heat. Lemon juice contains organic compounds, including citric acid, which can interact with paper in a way that is not immediately visible to the naked eye. When lemon juice is applied to paper using a cotton swab or similar tool, it soaks into the paper fibers and dries clear, making the message appear invisible.

Paper is primarily composed of cellulose, a carbohydrate-based material. Lemon juice slightly weakens and alters the cellulose fibers where it is applied. Although the writing cannot be seen at first, the treated areas of the paper have undergone a subtle chemical change. When the paper is gently heated, the areas containing lemon juice react differently than the untreated paper. Heat causes oxidation to occur more rapidly in the lemon juice-treated regions. Oxidation is a chemical reaction in which substances react with oxygen. Because the lemon juice lowers the temperature at which the paper browns, these areas darken first, revealing the hidden message as brown writing.

This effect occurs before the rest of the paper begins to burn, allowing the message to appear clearly without damaging the entire sheet when done carefully.

Scientific Conclusion:

Invisible ink made from lemon juice works because the acidic compounds in the juice weaken paper fibers and accelerate oxidation when heat is applied. As a result, the treated areas turn brown faster than the surrounding paper, making the previously invisible writing visible. This demonstrates how heat and chemical reactions can be used to reveal hidden information.

TEACHERS HELPDESK

The Importance of Teacher Involvement in Student Olympiad

- **Create Awareness and Encourage Participation:** Teachers can inform students about different Olympiads, their benefits, and encourage interested and capable students to take part.
- **Provide Structured Guidance:** Teachers can explain the syllabus, exam format, and marking scheme, and help students plan their preparation accordingly.
- **Conduct Regular Practice Sessions:** Teachers can organise extra classes, problem-solving sessions, or weekly practice tests to improve students' skills.
- **Offer Individual Support and Feedback:** Teachers can monitor progress, clear doubts, and give personalised feedback to help students improve continuously.
- **Share Quality Study Resources:** Teachers can recommend standard books, worksheets, previous years' question papers, and online learning resources.
- **Motivate and Mentor Students:** Teachers can boost confidence, guide students in handling pressure, and inspire them by sharing success stories and learning strategies.

MYTH VS FACT

MYTH

Bulls get angry when they see red.
Red color triggers aggression in bulls.

FACT

Bulls are color-blind to red; they react to movement, not color.

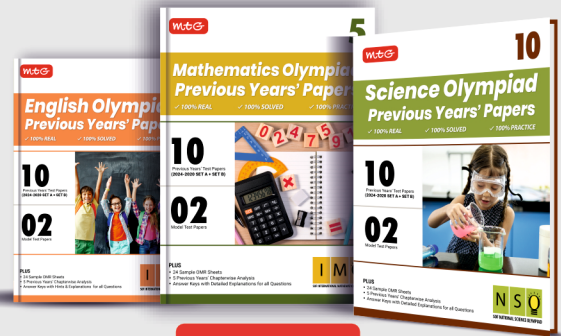


The best way to revise the Olympiad syllabus is here!

mtg Presenting

PREVIOUS YEARS' PAPERS

The Latest Edition for SOF Olympiads 2025-26



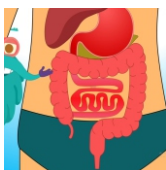
ORDER NOW

TIPS FOR TEACHERS

How to Build Reasoning Skills in Mixed-Ability Classrooms

- Use open-ended questions**
Teachers can design questions with multiple solution paths so students at different levels can participate confidently.
- Encourage peer learning**
Teachers can pair or group students to explain their thinking, strengthening understanding for both speakers and listeners.
- Reward the thinking process**
Teachers can acknowledge logical steps and reasoning even when the final answer is incorrect.
- Integrate Olympiad-style questions**
Teachers can introduce one or two higher-order questions regularly to develop application-based thinking.
- Allow structured thinking time**
Teachers can give quiet thinking time before discussions so every student gets a fair chance to reason independently.

WHAT WOULD HAPPEN IF



You don't take good care of your gut.

Sometimes you can't help but wonder what happens when you stop listening to your own body, when small warnings are ignored and balance quietly slips away. Imagine your gut as a hidden world, warm and active, meant to be protected but slowly becoming a place of neglect. The rhythms change, and something unfamiliar begins to settle in.

[Click Here](#)

VOCABULARY BOOST



What is Insidious?

"Insidious" refers to something that causes harm in a gradual, subtle way, often without being noticed at first. It describes a threat that doesn't appear suddenly or aggressively, but instead creeps in quietly, slowly growing stronger over time. This word captures the idea of danger hidden beneath the surface, masked as something ordinary or harmless until its effects become clear.

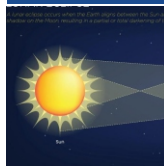
DO YOU KNOW?



Bees communicate by dancing

They communicate important information by dancing, using specific movements to share the location of food sources. Through the direction, speed, and length of the dance, they can tell other bees how far away the food is and which direction to fly.

ASTRONOMY FACT



Jan 18: New Moon.

A new moon occurs when the moon is directly between Earth and the sun, with its shadowed side pointing towards us. A New Moon in the sky means no moonlight to hinder your view of stars and planets.



ASK the Expert

Have doubts & queries about the SOF Olympiads? Ask now! Submit your questions and get them answered by experts. Don't miss out, stay informed, and excel in the SOF Olympiad. Message us on the SOF Official Instagram Page.

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