



TATTVĀ SCHOOL

MANAGED BY



 **SCHOOL**
Connect **July 2025**
Grades VI to XII

From the Principal's Desk

The July month has been rather busy with portion completion and gearing up for PT1 assessment. Since, the school pays major attention to activity based learning, relevant activities were conducted for all the chapters and in all the subjects.

I would like to share about four things we did this year, before and after period assessments. Conducting Unit Tests is a regular feature across but this time round, we conducted a mock test for Grades IX - XII in order to prepare the students for PT1. This was to help them analyze the focus and seriousness around the subject. This was followed by Period Assessment 1. Conducting the mock test did help the students to gather themselves and focus on their performance.

The second initiative was that two hours of revision was conducted in the morning and tests were rolled out in the afternoon. This was a trial and this helped the students recall the syllabus better and the performance has improved as compared to last year and slow bloomers will benefit from this.

The third initiative is that remedial classes have started for all the students scoring below 60%; this is done to ensure that the majority of the class scores above 75%. Alongside this, the toppers have also been trained this year, to ensure that they score centums in the Grade X Board exams. Consent was sought from the parents of Grade IX and X for support class stay back after the school.

From these classes, we realize that these students also need help with their logical reasoning and presentation skills. Sample papers for the current academic year have been downloaded for practice.

Parent Teacher meeting has been organized on the 2nd of August and the Scholastic Book Fair will be handled by our grade IX interns at school. The children attended an orientation for three days, towards organizing the Book fair in school. The students are planning for an enthusiastic event. They are supported by our coordinator, Ms. Savitha.

CBSE has introduced -2 Board Exams from this academic year and the circular towards the information was shared with the parents, by us. An offline orientation was conducted for the parents to brief them about the Boards. All other activities, CCA, SAPA, Sports and clubs are going on as usual. Monthly planners are shared regularly to track the work completion.

I will share more updates in the next newsletter subsequently.

**- Ms. Mamatha Rao,
Principal, Tattva School**





Editorial Committee:

Chief Editors :

Ms. Mamatha Rao - Principal

Ms. Anitha - Academic & HSCP Coordinator

Editors :

Ms. Ananya Bandyopadhyay

Ms. Pavana P

Ms. Savitha M B

Ms. Viji Kumari P N

Quote of the month

***“Everything is easy
when you are busy, but nothing
is easy when you are lazy”
- Swami Vivekananda***



Events & Activities

India, My Country – Flag Making with Handprints - Grade III

As part of an **art and patriotism** activity, the students of Grade III created a **beautiful Indian Flag** using their **handprints**. Dipping their hands in saffron, white, and green paint, the children joyfully stamped their prints to represent the colours of the national flag, with the Ashoka Chakra added in the centre.

This creative activity helped students:

Understand the significance of **national symbols**

Express their **creativity**

Enhance **fine motor skills**

Develop a strong **sense of national pride**

It was a vibrant and meaningful experience that combined **art, learning, and patriotism**, leaving students both informed and inspired.

Multiplying Two Decimals Using Grid Method - Grade VII 'A'

To help students visually understand the multiplication of decimals, a **grid-based activity** was conducted. Students were provided with **graph paper** and instructed to cut out **three 10×10 grid strips**.

They were guided to:

Colour 4 columns vertically to represent **0.4**

Colour 6 rows horizontally to represent **0.6**

Observe the **overlapping area (intersection)**, which represented the product **$0.4 \times 0.6 = 0.24$**

This hands-on visual approach allowed students to see how decimal values interact within a grid, making abstract multiplication concepts **concrete and easy to grasp**. The activity effectively reinforced their



Events & Activities

understanding of decimals while also enhancing **spatial reasoning**, **logical thinking**, and **conceptual clarity**.

Yardstick: Assembling Internal Organs Grade II 'A' & 'B'

As part of our science learning journey, students participated in an engaging and hands-on project titled **"Assembling Internal Organs."** This interactive activity aimed to teach students about the **major internal organs** of the human body and their correct placement.

Using **cut-outs and models** of organs such as the **brain, lungs, heart, stomach, liver, kidneys, and intestines**, students carefully assembled each part in its appropriate position—from **top (brain)** to **bottom (intestines)**—on the yardstick. This visual and tactile method reinforced their understanding of **body structure and organ location**.

Learning Outcomes:

Gained knowledge of the **position and function** of key internal organs.

Enhanced **fine motor skills** and **spatial awareness**.

Encouraged **teamwork, observation, and critical thinking**.

It was a fun, educational, and memorable experience that made learning about the human body more **visual, interactive, and effective**.



Events & Activities

Exploring Properties of Rectangles & Rhombuses through Measurement Grade VIII 'B'

To understand and compare the properties of rectangles and rhombuses, students were guided through a hands-on geometry activity. They were instructed to draw both shapes accurately and then use a ruler and protractor to measure and observe the following:

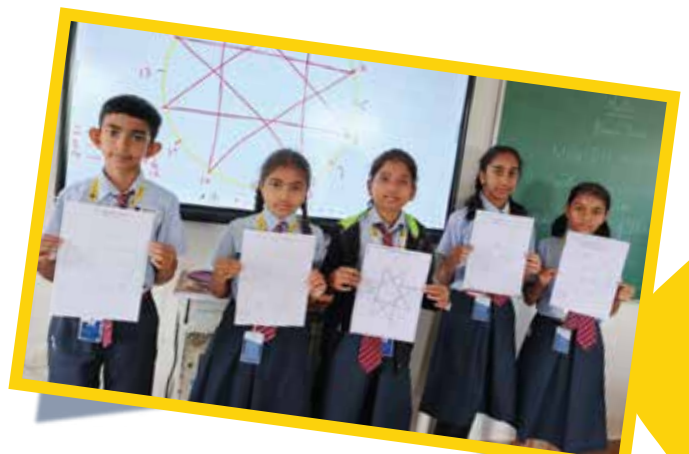
- Length of diagonals
- Angle measures

Whether the diagonals bisect each other. Through this practical approach, students gained a clear understanding of how rectangles and rhombuses differ and relate in terms of side lengths, angles, and diagonal properties. The activity helped reinforce theoretical concepts by engaging students in observation, measurement, and critical comparison, enhancing their geometric reasoning skills.

Understanding Number Patterns and Sequences through Thread Art Grade VI 'A'

To explore the concepts of **number patterns** and **sequences**, students engaged in a creative **Thread Art activity**. Each student drew a **circle** and marked **16 equidistant points** along its edge. They then connected the points using a specific number sequence—for example: **2 to 8, 8 to 14, 14 to 4**, and so on—continuing until they returned to the starting point.

This visual and hands-on approach allowed students to **observe patterns emerge**



Events & Activities

naturally, reinforcing their understanding of numerical sequences in an artistic and engaging way. The activity encouraged **logical thinking, pattern recognition**, and added an element of creativity to mathematical learning.



Understanding the Right to Education and Right to Equality through Skits - Grade VIII 'A'

To help students connect with the core values of the Indian Constitution, a skit-based activity was conducted focusing on two fundamental rights: the **Right to Education** and the **Right to Equality**.



In the first skit, students enacted a scenario involving a **landlord and a labourer**, highlighting the importance of equal access to education for all, regardless of social or economic background. In the second skit, the theme of **gender inequality** was explored, portraying instances of **male domination in society**, and emphasizing the need for equal rights and opportunities for all genders.



Through these role-plays, students developed **critical thinking skills**, learned to **analyze real-life situations** through the lens of constitutional rights, and gained a deeper understanding and **respect for fundamental rights**. The activity also fostered values such as **justice, equality, empathy**, and **social responsibility**, equipping students with essential knowledge and life skills.



Events & Activities

Understanding Mean, Median, and Mode through Group Activity Grade VII 'B'

To help students grasp the concepts of **mean**, **median**, and **mode**, the class was divided into groups for an interactive activity. Each group prepared a **chart paper** with two columns: one for student names and another for their **recorded weights**.

Students measured and noted their weights in their respective group charts. Using the collected data, they calculated the **mean (average)**, **median (middle value)**, and **mode (most frequent value)** for each group. The results were then compared and discussed across groups.

This hands-on, collaborative approach made statistical concepts more tangible and helped students **develop data interpretation skills** while reinforcing their understanding in a practical and engaging way.

Yardstick: Symbols, Formulae, and Chemical Equations - Grade VII 'B'

As part of the Yardstick activity, students explored the fascinating world of **chemical symbols, formulae, and equations**. Through interactive demonstrations and hands-on tasks, they learned how elements are represented by symbols, how compounds are formed using chemical formulae, and how reactions are written as balanced chemical equations.

Students were highly **engaged and excited**, actively participating and collaborating throughout the activity. This experiential learning approach made abstract chemical concepts more relatable and easier to understand, resulting in a **meaningful and enjoyable learning experience**.



Events & Activities

Yardstick – Respiration of Yeast - Grade VIII 'B'

The students explored the fascinating process of **yeast respiration** through hands-on experiments that made learning both fun and meaningful.

Task 1:

Students mixed **yeast, sugar, flour, and water** to prepare dough. They observed how the dough rose due to the evolution of **carbon dioxide (CO₂)**, a by-product of yeast respiration.

Task 2:

In the second task, a balloon was fixed over a container with the yeast mixture. As fermentation progressed, **CO₂ gas** inflated the balloon. When this gas was passed through **lime water**, it turned **milky**, confirming the presence of carbon dioxide.

The students were amazed by the visual results and actively participated in the process. This simple yet effective experiment helped them understand the concept of anaerobic respiration in an engaging and easy-to-understand manner.

Yardstick – Drip Irrigation - Grade VIII 'B'

As a part of the yardstick activity, students explored the concept of **drip irrigation**, a modern and efficient method of watering plants. They observed how water is delivered directly to the roots of the plants in small, consistent amounts, conserving water and promoting healthy plant growth.

Students were thrilled to witness the **germination of seeds** using this method. Their excitement grew each day as they monitored the progress and changes in the seedlings. This hands-on experience gave them a deeper understanding of sustainable agricultural practices and the importance of water conservation.



Events & Activities

It was a truly enriching and engaging activity that sparked curiosity and nurtured a sense of responsibility towards nature.

Understanding Properties of Parallel Lines and a Transversal through Hands-on Activity - Grade VII 'B'

Students were guided to draw two parallel lines and a transversal intersecting them. Using tracing paper, they cut out various angles formed at the intersections. Through a cut-and-paste method, they verified the angle relationships such as corresponding angles, alternate interior angles, and vertically opposite angles. This hands-on activity helped students visually understand and reinforce the geometric properties of parallel lines cut by a transversal.

General Health Check-Up at Tattva School

Tattva School recently organized a dedicated General health check-up, eye , ear and dental check-up for all students and staff as part of its ongoing commitment to overall well-being. Conducted by qualified optometrists, the session aimed to detect early signs of vision issues and promote awareness about General health care.

Students and staff underwent basic vision and ear screening, and dental check up with follow-up recommendations provided where necessary. The initiative was well-received and served as a gentle reminder of the importance of regular Health check-ups maintaining good health and learning focus.





- Ms. Chaitra M,
Class Teacher - Grade II 'A'





We are grateful to the management and staff of Tattva School for shaping our child's holistic development and instilling in them confidence, creativity, and compassion. We feel proud to be part of the Tattva family.



Students Speak



As an 8th standard student, my journey in school has been a truly enriching experience. The emphasis on academics has helped me strengthen my knowledge and improve my confidence in all subjects. Alongside classroom learning, our school provides many opportunities in co-curricular activities like art, music, and debate, which have helped me explore my interests and develop new skills. Sports is given equal importance, and regular practice sessions have improved my physical fitness, teamwork, and discipline.

**- Ms. Sachetana C Koppad,
Grade VIII 'B'**

Being a student of Tattva School has been a wonderful experience. The school provides a perfect balance of academics, sports, and extracurricular activities, which has helped me grow in every aspect. The teachers are always supportive and encourage us to think creatively and express ourselves with confidence. I really enjoy the interactive classes, the cultural programs, and the opportunities to participate in competitions that bring out the best in us.

What I love most about Tattva School is the friendly environment where learning feels enjoyable and meaningful. The values we are taught here make us more responsible and compassionate individuals. I am proud to be a part of Tattva School and truly believe it is shaping me into a confident learner and a better person.

**- Ms. Sumanyu Shastri,
Grade VIII 'B'**

Star of the Week



Star of the Week is one of the best ways to get to know our students on a more personal level. Students feel distinct for a full week, which encourages classroom community.



Adwaith Vishnu Sahasranaman
Grade I 'A'

Upcoming Events

- Independence Day
- Krishna Janmashtami
- Ganesha Festival
- Tirangaa 2025

