

The Gera School deeply mourns the tragic demise of David Dominic Lobo, the two-year-old son of Mr Jonathan Lobo, our Admin Executive. David passed away on the 21st of December. The School extends its condolences to Mr Lobo, his wife Mrs Larissa Lobo, and all other family members.



Dear everyone,

Christmas is happily turning to be a festival that is being celebrated by everyone, insofar as all its visible symbols and traditions are. People buy Christmas trees and have stockings with gifts, and attend Christmas parties (Children love Santa Claus!) and make it a point to buy plum cake and all the other Christmas goodies.

And this is very good. Holi and Diwali are also celebrated likewise. Just as it is rightly noted that learning another language and then its culture helps with international mindedness, so, too, will the common celebration of festivals promote peace and understanding.

But, here let us turn our attention to Jesus.

Jesus is a historical figure though there are aspects of his life that are considered by some as part of Christian mythology. But we could learn from him / his life whether he is part of history or part of mythology, just as we could learn from the life of St. Francis or Lord Krishna.

For this Newsletter, I will just consider just three remarkable features. One of the striking aspects of Jesus was his single-mindedness of purpose. Nothing could distract him from what he had set out to do – not seductive temptation, ridicule, ostracism, wrath of the powerful or even death. It is not easy to have that discipline and focus but to achieve anything requires focus, perseverance and sacrifice – and Jesus serves as an excellent example.

The second is Jesus' ability to work with all kinds of people: he was not exclusivist. All were welcome to his table and he never showed prejudice. He was impatient and hot-tempered at times but he attacked 'the sin and not the sinner'. And if a person was genuinely sorry for wrongdoing, he was easily forgiving. Jesus was not one to fuel sectarianism or disharmony between people.

Thirdly, Jesus was love. He clothed it in sternness and radical notions of duty but he had a soft and dutiful heart. His heart was big enough to accommodate tenderness even for those that society would shun. In his final moments, too, when his body was racked with pain, there was no bitterness and revengeful thoughts; instead, he did not forget to be kind and warm in heart.

“Blessed are the meek for they shall inherit the earth” would be so apt for one like Jesus!

I end here. Have a good season and a happy and rewarding 2024.

Warm regards,

**C P Joseph
PRINCIPAL**

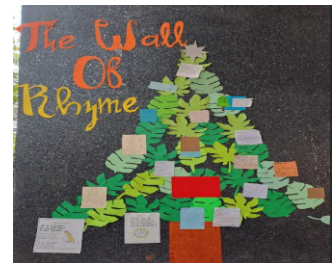
EVENTS

STORY WRITING COMPETITION

During this year's Literary Week, middle school and IGCSE students showcased their creative prowess by crafting poems and fiction stories based on assigned topics. This engaging exercise not only tested their language mastery, vocabulary, and creative skills but also honed their time management abilities, applying years of grammar and literary tool learning.

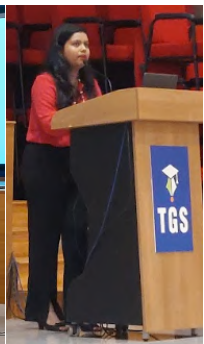
THE WALL OF RHYME

Step into the world of budding wordsmiths! TGS Students and Teachers penned emotions, thoughts and visions on The Wall Of Rhyme this December. The Wall Of Rhyme, adorned with the creative outpouring of our students, stands as a testament to their poetic prowess during the Literary Week celebrations.



ADVENT ASSEMBLY

On 5th December we had a whole School Assembly which marked the feast of St Francis Xavier and the Advent Season. Through the assembly the students marked the importance of the



Feast Day as well as shared how each of them can prepare for Christmas by doing little

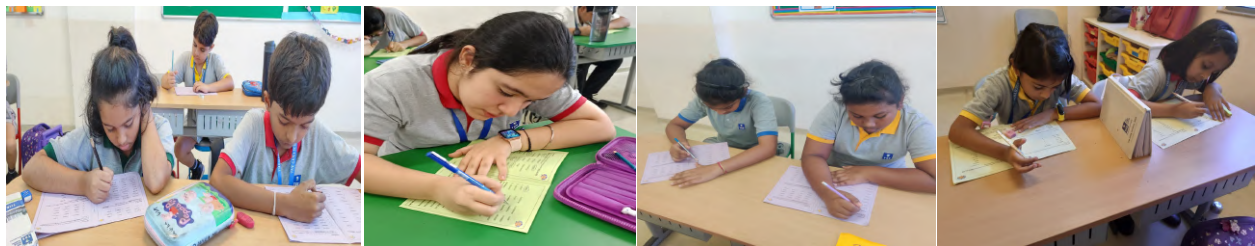
deeds of kindness through the Season of Advent by way of an Advent Calendar.

INTER-SCHOOL FOLK DANCE COMPETITION

Selected Students of Grade 7 of the Gera School competed in the Tiswadi-Taluka-level Indian folk-dance competition organised by the Govt. High School, Dona Paula on the 18th of December 2023. The 6 girls representing the Gera school, namely, Tia Virani, Keneisha. A, Niharika Dogra, Avisha Khanna, Devanshi Maurya and Ananya Kamat gave a very energetic and captivating performance. We were able to witness a plethora of folk dance forms ranging from the Goan Kunbi dance to the Rajasthani Kalbeliya dance forms. The competition was an eye opening and fun learning experience for our students who definitely fared very well and were proud of the performance they gave.



INDIA SPELLING SPELLING BEE



The much awaited and well-known competition, The India Spelling Bee, took place on 13th December for the Primary Students and 14th December for the Middle School students. We have been taking part in this competition for the past three years and our students have been successful enough to stand a chance in the Regionals and the National level.

SECRET SANTA

Students across grades beamed with joy as they participated in the delightful Secret Santa gift exchange. The anonymity of the gift giving process added an element of excitement and intrigue. Every child went back home with a special gift bought by their classmate. The event emphasised the importance of giving and receiving, fostering a sense of unity and kindness within the student body.



CHRISTMAS SPECIAL PROGRAMME

The festivities were alive and thriving at the TGS Christmas Special on the 21st of December! The students spread joy through an array of performances that captured the essence of the holiday season. The students sang melodious heart-warming carols and performed to peppy numbers to ring in the festivities. Students across Grades put up a play to highlight the Nativity story depicting the cherished tale of the birth of Jesus Christ, reminding us of the true spirit and meaning of this festival.



SERENDIPITY ARTS FESTIVAL

A few students and teachers visited the Serendipity Arts Festival. There was an array of stunning visual and digital art installations, showcasing the incredible talent of both emerging and established artists. From mesmerising paintings that played with light and shadow to immersive digital exhibits that transported us to otherworldly realms, every corner of the festival pulsated with creativity. On 20th December 2023, the vibrant atmosphere of creativity enveloped the students of Grade 9 as we embarked on an exciting adventure to the Serendipity Art Festival. One of the festival's highlights was the historical section, where we delved into the rich tapestry of art history. Expert guides provided us with context and anecdotes, transforming the past into a living, breathing narrative. The students were particularly fascinated by the stories behind iconic artworks and the cultural



influences that shaped artistic movements. The festival also provided a sensory feast for us, as we explored the world of textiles and various textures. Perhaps the most unforgettable part of our journey was the interactive installations scattered throughout the festival grounds. The excursion to the Serendipity Art Festival was a journey of joy, discovery, and inspiration. The students of Grade 9 not only had an incredible amount of fun but also gained valuable insights into the world of visual and digital arts, art history, textiles, and the power of interactive installations.

WINTER FETE

The winter fete held at our school was an astounding success, drawing in a lively crowd of parents and students alike. The event was a delightful blend of delectable food stalls offering a diverse range of culinary delights and captivating games that left everyone fully entertained. The pleasant morning buzzed with excitement as Parents and students indulged in delicious treats while participating in various thrilling games and activities. Through this enjoyable event, we not only fostered a sense of community spirit but also successfully raised funds for our school's initiatives and projects, marking it as a heart-warming and fruitful celebration. The proceeds of this event will go to St Joseph's Eventide Homes, at Uccassaim, a place that looks after the elderly and destitute.



NEWS FROM THE SPECIALISTS

MUSIC

GRADE 6

Students of Grade 6 have been preparing for their performance in the Winter Assembly, where they will be singing "The 12 Days of Christmas". While a few volunteered to participate in the assembly, all the students joined in the singing in class. We also learned and sang other Christmas carols that students already knew!

GRADE 7

The students of Grade 7 have begun learning the song "Footloose", from the movie of the same name. With its complex rhythmic patterns and fast-paced lyrics, the song has proven to be a challenge that the students are very capable of undertaking! Students also had fun singing various familiar and not-so-familiar Christmas carols!

GRADE 8

Students of Grade 8 have also been preparing for the Winter Assembly, where they will be singing a medley of three Christmas songs - Rudolph the red-nosed reindeer, jingle bell rock and rocking around the Christmas tree. Students quickly took great initiative, coming up with fantastic ideas to enhance the performance, adding in an act and dance steps! They truly are made for the stage!

DANCE

GRADE 6

Students of Grade 6 are in the process of learning a dance routine for a Bihu dance performance that they will showcase in the near future. Here you can see some of the boys trying out the moves.



GRADE 7

A few of the Students of Grade 7 were selected to take part in a folk dance competition and so sometime in the classes were spent on the selection and practise for the same. However, a majority of the students are learning a Flamenco dance routine which is to be presented in the near future.



DRAMA

GRADE 6

Students from Grade 6 had some interesting activities. This one is called Past Present Future where groups of three had to create their own tableau based on any topic of their choice and



depict it accordingly. Here, we see a warm-up movement exercise wherein students had to move as per the emotions they were told to express. Joy had them skipping, peace saw them relaxed while sadness made the movements heavy and weary. All this as a preparation of sorts for a Mime competition in the future.

GRADE 7

This is an exercise called Emotion in Motion where students had to express different kinds of emotions as they walked, hopped, skipped and limped around. They had to observe how their body language changed as the emotions changed. For example, they moved faster when happy or joyful and glided serenely when expressing peace.



GRADE 8 & 9

Given that we were forced to cancel Annual Day in view of the government authorities giving us a slot for the use of the Stadium f(or our Sports Day) only in February, all preparations for the same had to cease immediately. In the few drama classes that we had, we did readings of abridged scenes from The Christmas Carol script as some recasting was required and the new roles were explained to the actors of Grades 8 and 9.



NEWS FROM THE SPECIALISTS

ART

GRADE 6

The topic given to students was Tree Drop and Lotus. Giving just three words as a project helps the student to go deep inside and think what they can create and deliver something different as well as enjoy the imaginative process. They brought out the difference in realism and fantasy with some excellent output.

GRADE 7

Grade 7 students embarked on a fascinating journey into the world of quilling, mastering the art of rolling and shaping paper strips to create intricate and stunning



designs. The art of quilling proved to be a rewarding and meditative experience for our students, providing a unique way to transform simple paper strips into works of art. As they proudly showcased their quilled creations, the classroom became a gallery of vibrant and imaginative designs, showcasing the individuality and creativity of each student.

GRADE 8

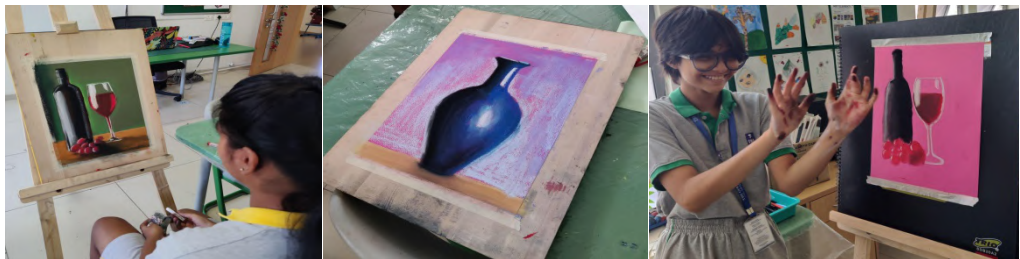
Our talented Grade 8 students embraced the holiday spirit by delving into the world of three-dimensional paper art. The students explored the fascinating process of crafting intricate 3D



snowflakes using the simple yet versatile medium of paper. This hands-on project not only celebrated the festive season but also provided a valuable opportunity for students to explore the intersection of art and geometry. The sense of accomplishment and pride radiated from each student as they admired their suspended masterpieces, each as unique as a real snowflake.

GRADE 9

In a burst of colour and creativity, the talented students of Grade 9 recently delved



into the world of soft pastels, getting their hands delightfully dirty in the process. This exciting exploration of a new medium opened up a realm of possibilities, allowing them to express themselves with vibrant hues and tactile strokes. Stay tuned for more glimpses into the artistic endeavours of Grade 9, where every stroke tells a story and every colour adds a new dimension to their expressive journey.

CIRCLE TIME / LEADERSHIP CURRICULUM

GRADE 6

Prior to the exams, the learners of Grade 6 were working on team building and working together. Post the exams, a number of small issues within their friendships have cropped up and they have been working relentlessly to sort out these issues. Besides that, they have also been introduced to the topic “Growing up and Puberty”. There are still some misconceptions about the body but the classes seemed invested in understanding how the endocrine system is involved in the process of development and growth. As they did



their first activity on visually representing the changes they have already experienced, they made clear their expectations of how they would continue to



develop. There was also an interesting discussion on the development of twins where we spoke of how fraternal and identical twins differed.

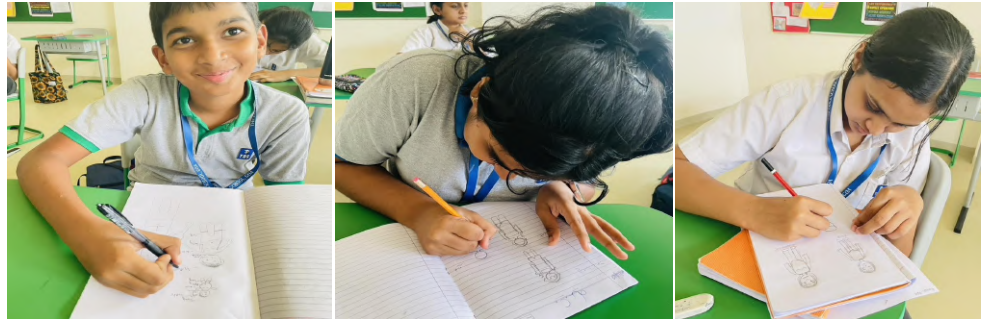
GRADE 7



The learners of grade 7 first played some team building games at the beginning of the month. This was to help them understand the importance of working together. It was a fun filled class and post which; I have noticed the cohesiveness is slightly stronger. As they got back from their examinations, they were introduced to the topic “Growing up and puberty”. Youngsters of today are bombarded with information and sometimes, they get by with only half the information that they need. There is a lot of obscurity when it comes to the difference between sex, sexuality and gender. Our learners are getting their doubts cleared as it is important that the right amount of information is given at the right time and that the source of information is trustworthy. Besides this, learners have also been trying to understand why there is so much friction in their class and why so many small eruptions occur from time to time. Our Circle Time classes lead to a lot of reflection and light bulb moments for the class.

GRADE 8

One class of Grade 8 utilised one of their Circle time classes to sort out issues brewing in the class in terms of discipline. Learners were extremely



communicative and open during these discussions. As we sort out minor forms of bullying, it is imperative to understand what to do in situations. Social structures have become extremely fragile as social media lends itself easily to forms of harassment like isolation, bigotry and lightly put, teasing. Having open discussions about actions and consequences encourages reflection and careful communication. Besides this, we have also just begun exploring the complexities of adolescence again. There is a completely new direction in which our discussions are going, to help learners deal more easily with the stresses and surprises that puberty has to offer.

ICT GRADE 6

Learners were introduced to the concept of AI and automated technologies. They revisited the topics of system and application software, and further dwelled on integrated applications. Learners discussed how artificial intelligence is being used around us in the world, in terms of simple applications/devices; for e.g. search engines, digital assistants, spam filters, and NPCs. They also saw how AI is used in various industries such as manufacturing, healthcare, retailing, etc. Learners then researched about a few pros and cons of AI and its uses.

GRADE 7

Learners were re-introduced to flowcharts and Python codes. They discussed the importance of decomposing a problem into smaller easier-to-solve parts, and were able to create decomposition diagrams for the same. Learners further went through the iterative-development process in detail; and later worked on using conditional statements to provide choices to the user in their programs using the 'if ... else if ... else ...' statement.

GRADE 8

Learners were re-introduced to flowcharts, pseudocodes, and Python codes. They are working on decomposing a problem statement to create a multi-level quiz game using the Python programming language. Learners worked on creating subroutines, also known as procedures/subprograms.

GRADE 9

Learners were introduced to databases. They were able to find similarities and differences between using a regular spread sheet, and a database, to save and maintain their data. Learners were able to interpret and write SQL queries to retrieve/analyse data from various data sets. Furthermore, they are now learning to convert their previously written pseudocodes into Python codes. They started with the basic input/output, declaration, sequencing, and selection statements. Learners will now move on to iterations, file handling, and string handling statements too.

FRENCH

GRADE 6

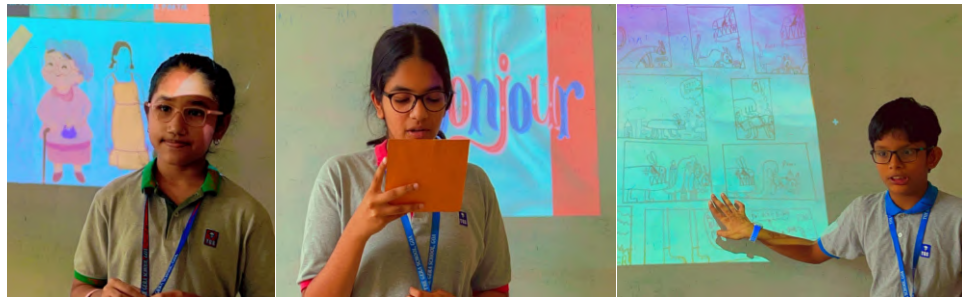
Grade 6 French learners embarked on an exploratory journey of a French town that integrated cultural, linguistic, and interactive elements. The thematic focus on city exploration, architecture, and culture not only broadened their vocabulary but also provided a real-world



context for language application. In addition, the students learned to ask and give directions in French, a practical skill that enhances their communicative abilities. They were then asked to write a “carte postale” (informal letter) describing their city/ village to encourage creative expression and reinforce the newly acquired vocabulary in a meaningful way. The use of a French card game, "Le Jeu de 7 Familles," for revising vocabulary was introduced in the classroom to add an element of fun and interaction. Gamified learning experiences not only engages students but also contributes to a more dynamic and memorable language learning process, thus serving as a valuable supplementary tool to promote active participation, critical thinking, and longer retention of knowledge.

GRADE 7

Literary week provides a wonderful opportunity for students to explore their creative abilities while practising and



improving their language skills. The French learners of Grade 7 created poems, short stories, and comic strips in French which only allowed them to express themselves artistically but also reinforced their understanding of vocabulary and grammar in a practical context. They confidently presented their work in front of the class. It not only showcased their linguistic abilities but also encouraged peer-to-peer learning and appreciation for each other's efforts. Such creative projects contribute significantly to a positive and immersive language learning environment.

GRADE 8

A recent activity with Grade 8 French learners was conducted using an educational card game called "Le Jeu de 7 familles". This is a strategically designed game that aims to reinforce and expand the students' French vocabulary by incorporating a plethora of topics such as family members, sports, profession, etc. The competitive aspect of completing families and determining a winner adds an element of motivation, making the learning experience enjoyable and memorable for the students. The extension of the game's theme to discuss healthy lifestyles, fitness, and sports activities was thoughtfully integrated connecting language instructions to real-world contexts thus encouraging students to use the language in practical, everyday situations.

GRADE 9

Learners were shown their Reading, Writing and Listening papers of Term-2. They were also told their Speaking Paper scores. A constructive and honest feedback was given to them by the teacher which helped them in identifying areas for improvement and gave them specific guidance on how to enhance their language skills. We cleared grammatical concepts, particularly those related to the conditional tense and imperfect tense. These Tenses are often challenging for learners; so, dedicated practice and clarification sessions were done this fortnight. The learners were focused and engaged in practising rigorously the grammatical concepts discussed.

GRADE 10

Learners were shown their Prelims papers. They were also told their speaking paper scores. A constructive and honest feedback was given to them by the teacher which helped them in identifying areas for improvement and gave them specific guidance on how to enhance their language skills. Constructive tips for writing tasks were also provided to the learners and a brief discussion on emphasizing specific patterns and focusing on keywords in order to enhance their writing skills was done. The learners were encouraged to identify common sentence structures and patterns in French. This helped them develop a sense of fluency and coherence in their writing. A few examples of well-constructed sentences or paragraphs were shown, highlighting the structures that contribute to clarity and better expression.

HINDI

GRADE 6

Learners were shown their Term 2 reading - writing and listening paper and had a



discussion and feedback was given. They watched video on listening paper and had discussion based on it. Learners learnt 'Ka, ki and Ke ka upyog' in sentences and they learnt the rules about it. They undertook a 'Samvad Lekhan' Competition held on the occasion of

literary week. While competition topics and success criteria was given, topics were: Kooda- kachara Vishay par maa aur bete ke beech samvad, Mehangayi ke upar do mahilaon ke beech samvaad, Samay barbad nahi karna chahiye is Vishay par bhai aur behan ka samvad ,etc. They started the chapter 'Safed bagula'. They focused on reading skills and learned vocabulary such as jhurmut, gaharana, sangrahiit, mishrit, abhipray, tarotaza, etc. They had a discussion about how some people love and take care of animals and how some people use animals for business purpose and treat them badly. A discussion on how to show care towards animal was held.

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GRADE 9

Learners were shown their Term 2 reading-writing and listening paper; we had a discussion and feedback



was given. Learners held a 'Story writing competition' on the occasion of Literary week. For this competition success criteria was shared with the students and they had to choose any one starting line for the story. They also learnt the chapter 'Kya karta hai- low blood pressure'. Through this chapter they learnt how high and low blood pressure are not good for health and had a discussion on what precautions we have to take and how we can control Blood pressure. They focused on reading skills and improved their vocabulary.

GRADE 10

Learners were shown their prelim paper reading - writing and listening paper; we had a discussion and feedback was given. They undertook 'Lek (article) writing competition' on the occasion of literary week. For this competition, the success criteria were shared. Topics were given; students had to choose any one topic and write on that topic. Topics were: Aaj ke samay mein hasi ek uttam dawa, Mobile ek samasya yaa saadhan, Shiksha rozgar ka saadhan yaa baudhik vikas etc. They focused on writing skill and thinking skills. They also solved past papers (reading-writing and Listening).



P.E

GRADE 6, 7, 8, 9 & 10

In Physical Education, due to last minute changes in the Sports Day dates from the authorities for MS / IGCSE and taking into consideration the preparation for Sports Day for the Pre-primary to Grade 3 which was successfully conducted on 9th December 2023, most of the PE classes for MS / IGCSE were either adjusted or cancelled. Hence, we will not be able to provide you with any information / updates in this space as of now.

LIBRARY

GRADE 8A

READ TO ENJOY

The students were instructed to select a book from a preselected set of books. Random books contained a Santa Claus sticker, and those who found it were asked to read a chapter from the book. The books were of the primary level, which the students must have read during their primary years. They were very engrossed in these stories.



GRADE 9

BLIND DATE WITH A BOOK

The idea of a blind date with a book intrigues and appeals to students. This is a fun activity for the upper Grades to get them reading books they've never read before.



GRADE 10

READ TO ENJOY

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NEWS FROM EACH GRADE

GRADE 6

ENGLISH

The learners reflected on their performance in the Term 2 Summative Assessment



after the class had an analysis of the same. We also looked at speech-writing techniques and the students started working on the writing of their speeches, by incorporating various techniques. To celebrate Literary Week, the students also worked on a story writing competition and even took the opportunity to write their poetry to showcase on the Wall of Poetry.

MATH

Learners demonstrated a solid understanding of mathematical functions by comprehending input-output relationships. They effectively applied inverse operations to solve numerical problems, determining the output based on given inputs. Additionally, learners



showcased their ability to construct formulas for provided statements, utilizing these formulas to solve complex questions and find unknown variables. The students also exhibited proficiency in visually representing functions through the creation of function machines, illustrating the transformation from input to output.

PHYSICS

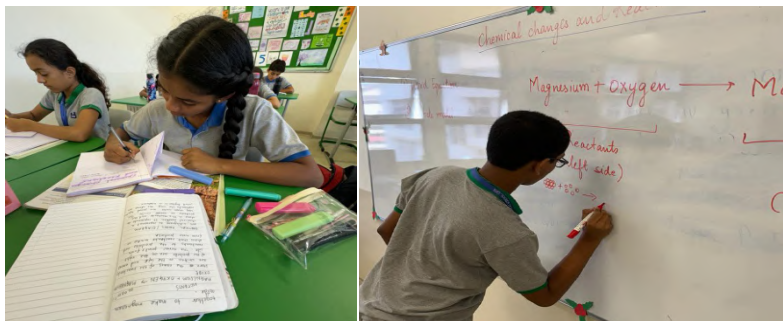
Grade 6 students immersed themselves in the world of sound, investigating how it travels.



Their engaging project involved creating toy telephones to grasp sound transmission. Through this hands-on activity, they uncovered the secrets of vibrations and airwaves, gaining a deeper understanding of sound wave propagation. This practical experience not only enhanced their knowledge but also sparked a curiosity for unravelling the mysteries of the unseen forces shaping our world.

CHEMISTRY

In the illuminating chapter on making compounds, Grade 6 students dived into the world of chemical reactions, focusing on word equations and particle models. This chapter serves as a gateway to understand how elements combine to form compounds and the language used to express these transformations. The learners understood that the concept of word equations became a powerful tool for articulating these chemical changes, which enhanced their ability to communicate and comprehend the intricate world of chemistry.



BIOLOGY

Students in Grade 6 go on a fascinating voyage into the realm of classifying living things in the engrossing chapter on classification. It provided an engaging overview of the basic idea of classifying living things according to traits they have in common. Students acquire a deep awareness of the interdependence of all living things, from the tiniest microorganisms to the majesty of plants and animals. Students' curiosity is piqued by interesting activities and discussions, which leads them to see the natural world from the perspective of a systematic organisation.



G.P.

Students engaged themselves with discussing various sources of water and its importance in our day-to-day life. As a class activity under the topic, 'Water, Food and Agriculture', the students identified various natural sources of water and also gave their inputs on how planned collective efforts can lead to water conservation.



HISTORY

As we embark on the new term, our journey through history has led us from the Aryavarta-Early Vedic Period to the Brahmavarta - Later Vedic Period. Our learners are delving into the transformative phases of civilization, witnessing the shift in political structure from community-involved governance to a more centralised, monarchical system. As they explore through the Aryan lifestyle, the learners also observe the evolution of the class system into the hereditary and rigid caste system within society.



GEOGRAPHY

The student engaged in a comprehensive study of Earth's composition, exploring the distinctions between metals and non-metals. Additionally, the student delved into Earth's structure, examining its layers -- crust, mantle, and core. This knowledge facilitated an exploration of rocks and minerals, enabling the student to recognize their formation processes and practical applications, contributing to a holistic understanding of Earth's geology.



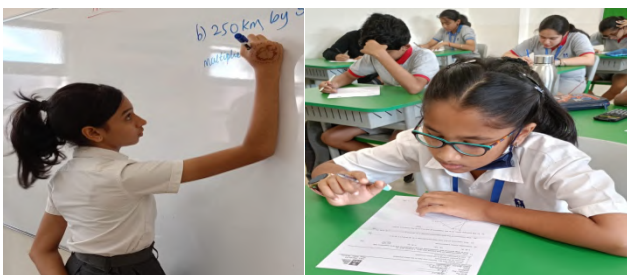
GRADE 7 ENGLISH

Following the class's review of their performance on the Term 2 summative assessment, the students gave themselves some reflection time. We also discussed speech-writing strategies, and the students got to work using these strategies in their speech compositions. In addition, the learners worked on a story writing competition in honour of Literary Week, and they even used the occasion to produce poems to display on the Wall of poems.



MATH

In Grade 7, students dived into the intricacies of percentage increase and decrease using multipliers. Engaging in practical exercises, they harnessed the power of multipliers to comprehend alterations in values. This immersive learning experience provided them with a robust method to swiftly calculate changes in quantities, strengthening their grasp of percentages. Empowered by this newfound skill, they are now adept at deciphering and solving various real-world mathematical challenges involving growth and reduction.



PHYSICS

Grade 7 students embarked on an exhilarating journey into the realm of magnets and magnetic materials. Their recent endeavour involved a captivating experiment using iron filings to unveil magnetic fields. Engaging in this hands-on activity



allowed them to witness the invisible yet potent forces in action, offering a glimpse into the captivating world of magnetism. This immersive exploration not only deepened their comprehension but also ignited a profound curiosity to unravel the enigmatic forces shaping our universe.

CHEMISTRY

Students explore the fascinating world of metals and how they react to different substances in the insightful Grade 7 chapter on the reactivity series. Students first investigate the series of reactivity before delving into the metal hierarchy according



to their reactions. The chapter moves along smoothly as it explores the interesting world of metal reactions with water. Students experience the dynamic interaction between metals and this necessary liquid through a display of metals and chemicals along with theoretical discussions.

BIOLOGY

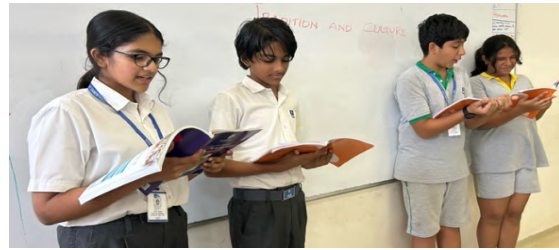
In the immersive Grade 7 chapter on ecosystems, students embark on a captivating exploration of the delicate balance of nature. From understanding the intricate relationships



among living organisms to unravelling the complexities of abiotic factors, learners delve into the web of life that constitutes ecosystems. The chapter progresses seamlessly, introducing the concept of ecosystems—larger systems composed of interconnected ecosystems. With a focus on sampling organisms, students employ scientific methods to collect data and draw valuable insights into the biodiversity within ecosystems.

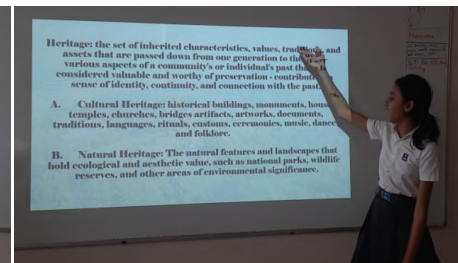
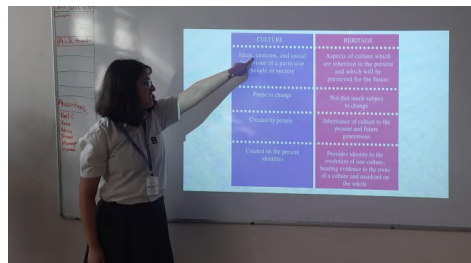
G.P.

Under the topic, 'Tradition, Culture and Identity', students of Grade 7 had to identify the tradition and culture of the states across India, and also figure out if one particular state's culture and tradition had its impact on the other state in terms of floating population or migration. They presented their findings in class and shared information with their peers.



HISTORY

Following the class's review of their performance on the Term 2 Summative Assessment, the students reflected on how they could have done better.



We also started the new unit on Goan History. We looked at the differences between culture and heritage and also had a quiz on the various talukas in Goa.

GEOGRAPHY

Students delved into India's industrial landscape, discovering a multifaceted array of industries. Key sectors include iron and steel industry, sugar industry, information technology, textiles, and automotive. Understanding the significance of each industry revealed their roles in India's economic development. The student explored how factors such as globalisation, technological advancements influence the growth and dynamics of these industries, contributing to a comprehensive understanding of India's economic structure. The students located the important industries on the map of India and the World map.



GRADE 8 ENGLISH

Post their Second-Term examinations, Grade 8 have been working to enhance their writing skills. They started with Argumentative writing,

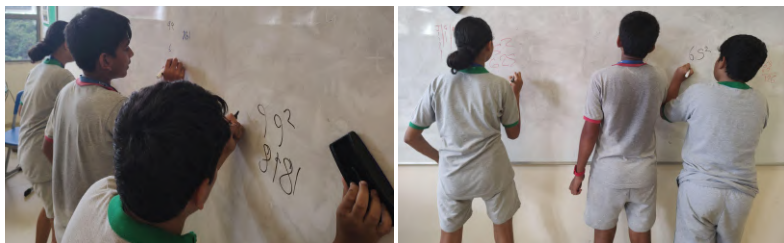


Argumentative writing is used to settle disputes and discover truth, and so students can learn to examine their own and others' ideas in a careful, methodical way. This was

followed by the subject-verb agreement, which is very important because without it, the reader can be confused. They finally ended with summary writing, which is written in their own words but it is still exclusively an explanation of another author's ideas.

MATH

In Grade 8, our students are embarking on an exciting journey into Vedic Mathematics, a system renowned for its efficiency in quick calculations. With a particular focus on enhancing mental math skills,



these dedicated learners are immersing themselves in the Vedic Math methods, which not only foster a deeper understanding of mathematical principles but also equips them with invaluable tools for the newly introduced non-calculator paper. The enthusiasm and determination displayed by our Grade 8 students in embracing these techniques highlight their commitment to academic excellence and the acquisition of versatile problem-solving skills. As they delve into the world of Vedic Math, we anticipate not only improved mathematical proficiency but also increased confidence in facing the challenges that lie ahead.

PHYSICS

Learners engaged in a practical exploration of sound vibrations. They utilized a paper model resembling a harmonica as a basic representation. Using



a tuning fork to generate vibrations, the learners passed the vibrations through water to observe their effects. Through this hands-on experiment, students gained insight into the fundamental concept that sound is produced through vibrations and requires a medium, such as water, for propagation. This experiential approach enhanced their understanding of the connection between vibrations and the generation of sound, contributing to a deeper comprehension of key principles in Physics.

CHEMISTRY

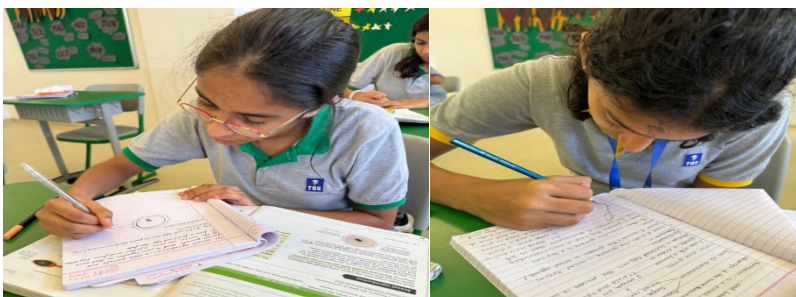
Our Grade 8 Chemistry students have embarked on an exciting journey into the world of Chemical Reactions. In this engaging chapter, they delved into the historical phlogiston theory, only to discover its inaccuracy. Swiftly moving forward, students embraced the particle theory, unravelling the mysteries of how elements combine to form new products while adhering to the law of conservation of mass. It's a captivating exploration of the



fundamental principles of Chemistry!

BIOLOGY

In the enlightening Grade 8 chapter on fertilisation and inheritance, students embark on a captivating journey into the intricate world of Inheritance. Beginning with the fascinating process of fertilisation, where male and female gametes unite, learners



explore the transfer of genetic information that shapes individual traits. The chapter delves into the marvels of DNA, chromosomes, and gene inheritance, unravelling the blueprint that governs our physical characteristics. Students gain a profound understanding of the foundations of heredity, setting the stage for further exploration into the complexities of genetic inheritance in human beings.

G.P.

Under the topic, 'Humans and other species,' Grade 8 students dwelt upon unique adaptations by each species that help them survive and thrive in their respective habitats. And also understood that the interactions among these diverse life forms contribute to the complex web of life on Earth. Understanding and preserving biodiversity are essential for maintaining the health of ecosystems and, ultimately, the well-being of all species, including humans.



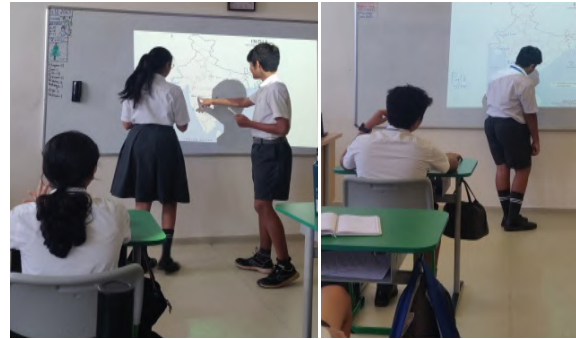
HISTORY

As we begin term3, our focus is on the impactful era of World War II. Our learners have grasped the concept of fascism and astutely connected it to contemporary global dynamics. Delving into the rise of totalitarianism, our exploration extends to Germany, Italy, and Japan, witnessing their forceful transformations in pursuit of greatness. Acknowledging the gravity of the subject, we approached the sensitive topic of the Holocaust and the rise of Nazi Germany with utmost care.



GEOGRAPHY

Grade 8 students learned about India's diverse geography. Through a fun activity of guessing the states, the students learnt about the political divisions of India. The wide range of latitudes contributes to varied climates, affecting temperature, precipitation, and vegetation. The students revised the different latitudes. Regions closer to the equator experience tropical climates, while those in higher latitudes may have subtropical or temperate conditions. Understanding these latitudinal influences helps comprehend India's ecological and agricultural diversity.



GRADE 9 ENGLISH

In the first week of December, students were taken through the various papers that we attempted. Reviewing an exam can help them determine what they know and what they still need to work on. We have also started to train students in speech writing. Writing a speech is important as it helps you better understand the topic, better organises your thoughts, prevents any mistakes in your speech, helps you become more familiar with it, and boosts the overall quality.



MATH

In Grade 9, our students are actively consolidating their knowledge of essential mathematical concepts related to units of measurements, time, currency conversions, and the practical application of calculators through problem-solving. Recognizing the importance of a strong foundation, topic-wise worksheets have been thoughtfully distributed to students, fostering a hands-on and collaborative approach to learning. Together, both teachers and students engage in dynamic classroom sessions, working through these worksheets to deepen understanding and refine problem-solving skills. This targeted approach not only reinforces previous learning but also ensures that our students are well-equipped with the necessary mathematical skills for future academic challenges. We celebrate their commitment to mastering these fundamental concepts and look forward to their continued growth and success in mathematics.



PHYSICS

Physics learners recently focused on the study of sound and light waves. Their exploration included a thorough



understanding of light wave characteristics, the laws of reflection, and the principles behind image formation. Practical experiments, such as measuring angles of incidence and reflection with glass slabs and mirrors, provided hands-on reinforcement of theoretical concepts. Additionally, students conducted experiments to determine the focal length of lenses, showcasing their ability to apply optical principles. Noteworthy was their investigation into total internal reflection, demonstrating a commitment to both theoretical understanding and practical application.

CHEMISTRY

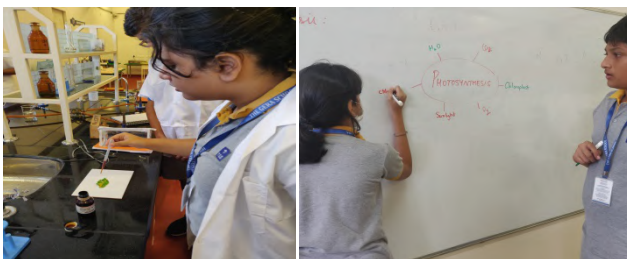
Grade 9 Chemistry students find themselves immersed in the mesmerising field of Electrochemistry. This chapter kicked off with a comprehensive introduction to the



electrolytic cell, setting the stage for an enthralling 'electrolysis in a cup' demonstration. The classroom came alive with the crackle of excitement as students witnessed the magic of this hands-on activity. Building on this experience, our scholars delved deeper into understanding the diverse array of products that emerge when an ionic compound undergoes the fascinating process of electrolysis. It's an electrifying journey that sparks curiosity and fuels a passion for discovery.

BIOLOGY

In Grade 9 Biology, students are currently navigating the intricate chapter on Plant Nutrition. The exploration began with a detailed study of photosynthesis, a process that breathes life into the botanical realm. Students not only grasped the complexity of this fundamental process but also took an active role in articulating both the chemical and word equations that govern it. The excitement continued with a hands-on experiment where our budding scientists investigated the pivotal question: Is chlorophyll truly necessary for photosynthesis? This



chapter is a lush landscape of learning, where students delve into the vibrant tapestry of plant life.

BUSINESS STUDIES

Learners were introduced to the unit on marketing. The different terms associated with marketing such as target market, consumer, customer etc. were introduced. The role of marketing and reasons for changing trends in consumer preferences were also discussed.



G.P

Learners were introduced to Individual Report writing. They chose a topic based upon which they were asked to frame a global research topic. Students were made aware of the steps or stages they need to follow while writing their Individual Report. Research, Analysis, Evaluation, Reflection and Communication being the key areas of the whole exercise.

HISTORY

Between 1918 and 1933, Adolf Hitler rose from being an obscure demoralised member of the defeated Germany army to become the all-powerful Führer, dictator of Germany, with almost unlimited power and an overwhelming ambition to make Germany great once again. His astonishing story is what Grade 9 dealt with this month.



ECONOMICS

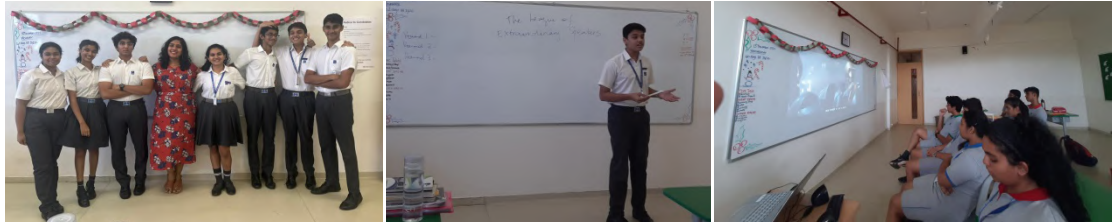
Firms and their classifications were introduced to students. The different methods of expansion like takeovers, horizontal mergers, vertical mergers and conglomerate integrations were discussed by learners and they examined the different real-world examples of the same. Economies and diseconomies of scale as well as the different types of costs were introduced. Learners enhanced their understanding of terms with games like 'Guess the word'.



GRADE 10

ENGLISH

As the Grade 10 batch draws closer to their IGCSE



examinations, we went through a last-minute revision of how to tackle various questions, and reading lists that could help the students with their vocabulary and composition prompts as well. We also watched the movie Ford vs Ferrari and enjoyed working on a film review together. It was nice to interact with each of the students individually to uplift and encourage them to do well in the English examination. We ended our time together with a few vocabulary games, while we reminisced on our time spent together, across the three years that was spent together as a batch. Here's wishing you all the very best!

MATH

As we eagerly anticipate the IGCSE examinations, we extend our heartfelt best wishes to the diligent batch of 2024 during their well-deserved study leave. Throughout the academic year, all seven students have exhibited unwavering dedication, investing months in comprehensive revision, tackling topic-wise worksheets, and solving past IGCSE papers in preparation for their Math examination. Their tireless efforts are truly commendable. As they embark on this final leg of their academic journey, we encourage each student to stay focused, manage their time wisely, and believe in their abilities. The entire school community is confident that their hard work will translate into success. Here's to the batch of 2024—a cohort of resilient learners who have undoubtedly earned their moment in the spotlight.



PHYSICS

Learners dedicated focused efforts on practising IGCSE exam pattern questions, gaining confidence through detailed discussions on marking schemes. We explored alternative to practical questions, enriching problem-solving strategies. In hands-on experiments, students delved into light reflection, refraction, and lens focal length determination. Bridging theory and practice, these experiences enhance their understanding and application skills, setting the stage for success in the upcoming IGCSE examinations.



G.P

Learners have been working day in and out, as they enter into the last leg of their preparations towards the IGCSE Board examination. They collectively understood where they could score better and utilised their time in reassessing their past performance. Wishing them all the very best for the final frontier as well as in their future endeavours.

CHEMISTRY

Grade 10 Chemistry students are immersed in a journey of excellence as they gear up for their final board examinations. Their preparation involves more than just theoretical knowledge—students are actively involved in practical learning by delving into past papers. These hands-on exercises provide a valuable bridge between theory and application. Additionally, the classroom echoes with lively discussions as students collaboratively clarify doubts, ensuring a comprehensive understanding of the subject.



BIOLOGY

Our Grade 10 Biology enthusiasts have been diligently clarifying their doubts, engaging in insightful discussions, and fine-tuning their knowledge through short quizzes. As they set sail towards their final examinations, the classroom buzzes with the vibrant energy of students solving the last set of practice papers. It's a journey of not just preparation but also deepening comprehension and confidence in the fascinating world of Biology.



BUSINESS STUDIES

Learners did a last round of guided revision before they are all set to face the Business Studies papers of the IGCSE board exam. They also worked upon feedback provided for their prelims.



HISTORY

Grade 10 has been reviewing their performance for the preliminary examination, as they enter into the last leg of their preparations towards the IGCSE Board examination. We wish them all the very best and are extremely proud of all they have achieved.

ECONOMICS

Learners worked together and revised their Economics topics in class before they break for their Study leave. They practised a lot of papers and guided one another to overcome their weaknesses in certain topics.



We've reached the end of this Newsletter. The next edition will be out in February and will be for the period ending 27th January 2024.

Regards

The Gera School