

Dear everyone,

Going around the Capital and marvelling at the immense creativity, hard work and ingenuity displayed in the making of the *Narkasurs* on the eve of Diwali, I was reminded of the human need for victory of good over evil. What a wish it must be for humanity! After all, if something were commonplace, there would be no need for myth for that wish to be true. Humans need myths to understand life and to take us through it. Life can be overwhelming and one can often struggle with the meaning and purpose and of all that happens in the journey called life.

As a humbler corollary, the common mass of humanity loved Bachchan and similar heroes because, for a couple of hours in a darkened hall, they could believe that courage and a pair of fists could fight off villains and all villainy!! (Mohammad Ali, the legendary boxer, formerly known as Cassius Clay, is supposed to have said humorously that the only person he was scared of was Amitabh Bachchan!)

I enjoy watching films. In my childhood, one could see how life was lived vicariously in the hall as the hero almost singlehandedly defeated or killed all the villains, the mother got back her child, true lovers were united, the poor man got his job or his little piece of land back, and justice was done, even if some blood needed to be spilt. If the hero nobly sacrificed his life, he was enthroned in the hearts of the teary viewers.

But now our children and our students cannot live life vicariously. They need to do what they can to overturn error, rectify injustice, or vanquish evil. Superheroes need to emerge from us, not from a Studio. How can we prepare them?

First, we begin with them: they need to strengthen their moral fibre and value system. *(After all, the seeds of sin are in all of us. We should not look at vice as something always external to us.)* **Also a First:** Since environment plays an important role, we have to role model it ourselves.

We have to allow them opportunities to learn on their own without us breathing down their necks, allowing them opportunities to fail, help them build grit from the outside in



Destroying the demon and, hopefully, our inner ones, too.

and from the inside out (using Angela Duckworth’s terms), and give them the confidence to be themselves while constantly nudging and pushing them to be the best they can be.

How much of a laissez-faire or a Tiger-mom attitude to have, when it comes to parenting? Finding the golden mean is not easy. (Whoever said that parenting is easy?!) But at least we must be conscious of this so that our wards: **a)** feel it their responsibility to deal with challenges and not shy away from a tough situation, and **b)** feel confident and competent to deal with the challenges that they encounter.

This is our duty to ourselves as parents and teachers, our duty to our wards, and our duty to the world we live in and its future that we shape with our present actions. Good will, then, more often than not, triumph over evil.

Regards,
C P Joseph
PRINCIPAL

EVENTS

NATIONAL SCIENCE OLYMPIAD

The students of Grades 3 to 8 appeared for the National Science Olympiad Examination on the 17th of October. This exam was conducted during school hours and the students were tested based on their scientific literacy, critical thinking and problem solving skills at the National Level.

LENSES (a G.P. EVENT)

“The power of dialogue, cross-cultural understanding and the exchange of ideas, promotes a more interconnected world.” The Students of Grades 9 & 10 had the opportunity to showcase their presentation skills at *Lenses*, G.P. Event. The students chose from a range of topics related to world and current affairs and were given time to do research and share their views.

Congratulations to the winners!

1st Place - Natalie Moreira

2nd Place - Zara Bajaj

3rd Place - Keith Alemao



VOICE OF GOA AUDITIONS

The Golden Voice of Goa launched its first-ever talent hunt in the State in association



with Prime Media TV Channel and Bal Bhavan. TGS students across grades participated in these auditions held in school on the 19th of October. The selected students will be further mentored to participate in the finals which will be aired on their channel shortly.

READING COMPETITION

The human voice has the power to inspire and create feelings. A Reading Competition was conducted on the 27th of October, 2023 for the Middle School and IGCSE



section of The Gera School. The 20 selected participants after having weathered a preliminary round from across all sections of Grades 6 to 10 with four students representing each House chose an extract ranging from Matilda by Roald Dahl to Lord of the Flies by William Golding. The finalists left the judges and the audience in a world of wonder as their voices came to life from behind the screen!

Congratulations to all the winners!

Middle School

1s Place-Amaya Mewara

2nd Place-Jahan Menon Kress

3rd Place-Vruddhi Rajani

IGCSE

1st Place - Elahe Srinivasan

2nd Place - Natalie Moreira

3rd Place - Zara Bajaj



GUEST SESSION FOR STAFF

“Save to invest, don’t save to save. “Ms Manalee Vernekar, Founder and CEO of Financial Wisdom was invited to school to conduct an interactive session for Staff on Investments. Ms Vernekar guided the Members of Staff on a range of topics sharing the importance of investing early, saving enough and what not to do with your money.



HALLOWEEN CELEBRATIONS

Whole school celebrated Halloween on the 31st of October. With Staff and Students who joined in to mark the significance and history behind this unique festival celebrated across the world. The custom of



trick or treating and the range of costumes worn on this day were highlighted and students learnt all about the why and how of it. They were also educated about All Saints Day and All Souls Day and the significance of the occasions.

FIELD TRIP FOR GRADE 8

The students of Grade 8 worked in collaboration with the Sunaparanta Goa Centre for the Arts on 6th November 2023. The goal of the trip was to help build an Earth House and experience the joy of working with natural materials. We live in a world where we must think about sustainable living. Facilitated by Architect Tallulah D'Silva, they learned the essentials in making a structure on land, excavation, foundation building using COB and eco-friendly construction methods.



FILED TRIP FOR GRADES 8, 9 & 10

The students of Grades 8, 9 and 10 visited the beautiful institute of ICAR, CCARI, Goa. (Indian Council of Agricultural Research), (Central Coastal Agricultural Research Institute). This field trip was designed to enable students to explore Natural Resource



Management, Crop Science, Horticultural Science, Animal and Fishery Science. The students were briefed by Mr Rahul Kulkarni who is an ACT in Soil Science about the layering of organic matter done in the composting beds to sustain the earthworms to get a good yield of compost. This was followed by a tour through the farms; the students got an opportunity to see the various local livestock like rabbits, chickens, quails, pigs and cows at the breeding unit, incubation/brooding unit, farrowing unit and dairy unit respectively. Next, they got to see a wide variety of the ornamental fish that are reared at the institute. Finally, they were taken through the horticulture section and looked at the biodiversity of local plants and trees that are used for commercial purposes like mango, coconut, cashew and paddy. They also understood the importance of integrated farming. It was an enriching experience as the students were exposed to the local agricultural practices and advancements that are taken up by the institute in order to carry out sustainable agriculture.



FILED TRIP FOR GRADES 6 & 7

On October 23, 2023, Grades 6 and 7 students embarked on a field trip to Goa College of Agriculture, known as Ela Farm, in Old Goa. This educational journey exposed them to Goa's diverse flora and rich biodiversity. The excursion commenced with an introduction to plant grafting and propagation, where students actively participated in a seed planting activity. They learned about the rice harvesting process and witnessed a live demonstration of winnowing. Notably, the students' inquisitive minds shone through as they posed critical questions, revealing their keen interest in gardening, botany, and agriculture. The students also had the opportunity to explore the nursery which showcased

a variety of plant species.



WELCOMING THE TORCH BEARERS FOR NATIONAL GAMES

TGS parents, staff and students were there to cheer the torch bearers of the National Games on Sunday, 22nd October at the Torch Rally held in the Tiswadi Taluka.



LOGIQIDS

Students of Grades 6 to 8 answered the LogiQids examination on the 2nd of November. This exam is a great opportunity for students to put their critical thinking skills, logical and reasoning skills to test.

STAFF LUNCH

“A family that eats together, stays together.” School organised a Staff Lunch for Members of TGS Staff including teaching, non-teaching and the housekeeping team. The joy of eating together was just the perfect way to ring in the festivities!



NEWS FROM THE SPECIALISTS

MUSIC GRADE 6

The students of Grade 6 learned how to sing in 'canon' – a musical form based on the concept of strict imitation, where the follower voice sings the same music as the leader voice, beginning after the leader has started but before he stops. We tried a simple and fun song "Boondiada"! While a few got confused and struggled to hold their part, most of the students managed to sing it well! With the Annual Day fast approaching, we also reviewed the songs for the musical!

GRADE 7

Grade 7 has been learning popular songs like "I Want It That Way" by the Backstreet Boys and "Hey Jude" by the Beatles, incorporating key musical concepts such as dynamics and phrasing into their singing. We have also been reviewing beat, rhythm and tempo, learning to tap/clap to the beat while identifying the strong and weak beats.



GRADE 8

Students of Grade 8 learned the song "A Million Dreams" from the movie *The Greatest Showman* in 2-part harmony,



with some students accompanying the singers on the keyboard, guitar and percussions. Students were introduced to the scale, clefs, notes on the staff and basic notation. We also did a run-through of the songs for Annual Day!

DANCE GRADE 6

Students of Grade 6 had their Inter-Class dance competition. They were divided into groups and asked



to get together and practice in their free time to perform any song of their choice for 1½ minutes. They had approximately two weeks to practice and those that did, saw their efforts pay off. In Grade 6 A, the winners were the group consisting of Nysa, Aarush, Tejas,

Erhana, Isabella, Rayden, Samaira, Sofia and Arohee. The best dancer prize went to Arohee. In Grade 6B, the group winners were Kiara, Saanchie, Keagan, Vidit, Brianna, Mitika, and Mikayla. The best dancer prize went to Mikayla. This group had practised the most and had very little competition from the other two groups in the class.



GRADE 7

Like Grade 6, Grade 7 too had an Intra-class dance competition with 4 different groups competing for the prize. The rules for both classes were the same and the groups were judged on Song choice, Musicality, Choreography, Synchronisation, and Group dynamics. The group winners won by just a single point ahead of the runners up. Niharika took home the prize of Best Dancer and the team that won consisted of Niharika, Talasha, Rafael, Avisha, Devyani and Anzan.



DRAMA

GRADE 6

Auditions for Annual Day are complete, casting is done, and so we begin our preparations for the English play, A CHRISTMAS CAROL by Charles Dickens will be finalized shortly. A fun warm-up exercise called, I like anyone who ..., which is designed to stimulate quick responses to verbal suggestions and equally quick movements.



GRADE 7

Different characters Move, Walk and Talk differently and in this exercise the students were given varied prompts to precipitate their own interpretations of character movements ... From old people to toddlers, and astronauts to soldiers.



GRADE 8

Readings of an extract from A Christmas Carol in progress. Some prefer to stand while others seek more comfortable poses!



GRADE 9

Role Plays are an integral part of every Drama Class. Here we see a group of students, who were given a particular situation, and had to act it out.



GRADE 10

Another fun warm-up exercise where students had to imagine that they are standing above ground level and had to respond according to the situation. Some were on a stone in a flood, some on the edge of a roof and others overlooking the street below. Their verbal exchanges made for interesting learning's on not just content, but modulation and speed as well.



GRADE 6

The grade 6 students learnt about the different organic and inorganic textures. They traced different textures from different objects to understand them and learnt how to use them in their paintings. By either getting a mono-print from the object directly or by trying to imitate the pattern of the textures in their artworks.



GRADE 7

Gr 7 learners investigated portrait drawing with a twist. They created a grid of intersecting lines on their drawing sheet and then drew a portrait of someone of their preference. The next step is to fill in each square formed by the grid while still maintaining the structure of the face.



GRADE 8

Gr 8 learners explored the medium of “Air Dry Clay”, through which they developed dexterity of hand movement and observational skills as they had to replicate features of form and recreate it in clay. They learnt different techniques of clay moulding and building and created a variety of mini sculptures some of which are functional objects.



GRADE 9

Gr 9 has been busy working on their first Charcoal artwork. They developed the skills of visual composition, learnt about scale and proportion. The learners worked very efficiently with charcoal as a medium. They also gained a broader understanding of tonal values and its application through a new medium.



CIRCLE TIME / LEADERSHIP CURRICULUM

GRADE 6

Grade 6 has been focusing on clear communication and sorting out class issues. Learners have discussed how they handled the month gone by and have also made plans for how to deal with the month to come. All these discussions were held during Circle Time class. During



Leadership Curriculum classes, we have been focusing on building team spirit and being able to work better in teams. The learners were busy creating a completely new game that has never been played before. To complete this task, they would have to establish rules for

themselves and actually work together to create a rule book, decide on the equipment to be used and decide on the processes and procedures. They then played the game during the next class. It was fun to see the learners work together to create something they could enjoy as a collective.

GRADE 7

The learners of Grade 7 have been struggling with working together and a team. There have been plenty of issues rising to the surface and this has been a regular occurrence. To help



them get more united, the concept of team work was focused on. Learners did quite well during their discussions on a project that was given to them. They were asked to create a game that they could enjoy as a collective. They were meant to come up with a rule book, decide on the process and work together to make it a success. They have a lot to work on as a



team but they managed to pull together at the end.

GRADE 8

If the learners of Grade 8 are anything, they are united. Getting them to work together and unite to create a brand-new game was a breeze. Both divisions worked seamlessly to bring forth innovative ideas that were workable and fun! They helped us realise that minds that work together can truly create things that are wonderful. Not only did they meet their timelines, they also stuck to the brief.



GRADE 9

The learners of Grade 9 worked on their understanding of the importance of teamwork. From fun activities to actually working together to create a new game to be



played, these two weeks were full of fun, frolic and learning. Being able to work in groups allows learners to build a stronger sense of oneness and togetherness. This would eventually help them understand that more minds are better than one when it comes to innovation and development. By just thinking about the production of a single product, one can reflect on just how many people are required to bring it to life.

GRADE 10

The learners of Grade 10 have used their Leadership Curriculum classes to reflect and work together as a cohesive whole. During their last class, the learners were tasked with creating their own game. They were very



innovative and probably the only class in the school that opted to work on an indoor game. Working together can cause discussions to go down paths of little return, but this group has mastered its dynamics and discussions and planning comes naturally to them.

ICT

GRADE 6

Learners were introduced to the different categories of software that exist under the broad umbrella of the commonly used term 'Software'. They learnt what simulators are, and how they work. Learners later learnt about sensors, and used this knowledge to research on how sensors are used in simulators and other digital devices. They were able to draw flowcharts to incorporate the working of a sensor in a particular device, or a given scenario. Furthermore, they were able to explain how a program is evaluated, using the following stages: Plan, Design, Develop, Test, Review and Evaluate.

GRADE 7

Learners were introduced to pseudo codes, flowcharts and algorithms, as intermediate means between raw data and a working program code. They learnt how to write programs using pseudo codes, and used the decomposition method to break the problem down into simpler steps. Learners used the 'linear search' method as a searching algorithm, and were able to use arrays to write their pseudo code. Furthermore, they were able to explain how the iterative process to solve a problem works, using the following stages: Plan, Design, Develop, Test, Review and Evaluate.

GRADE 8

Learners were introduced to the different categories of software that exist under the broad umbrella of the commonly used term 'Software'. They further learnt the units for data storage (bits, nibble, byte, KB, MB, GB, TB, etc), and used them to solve various storage-related word problems. Learners were able to explain the different types of translators that exist; and were taken through the Fetch-Decode-Execute cycle to understand the working of the processor along with the registers used in the process. They later worked with logic gates, and were able to draw logic circuits and truth tables for complex logic expressions.

GRADE 9

Learners were introduced to pseudo codes, flowcharts and algorithms, as intermediate means between raw data and a working program code. They were able to break complex

problem statements for a system into subsystems, and use the top-down approach to solve the given problem. Learners used iterations and conditional statements to write solutions to problem statements, and were able to use trace tables to check for possible loopholes or errors in the codes.

FRENCH **GRADE 6**

In a recent activity, Grade Six French students showcased their proficiency in both writing and speaking. They crafted engaging dialogues centred around the theme of 'La météo' (the weather). Equipped with a table displaying different temperatures across various regions of France, students interpreted meteorological symbols to construct conversations in French.



GRADE 7

This fortnight, French learners of Grade 7 brushed up their grammatical skills in French based on using the perfect tense with regular and irregular verbs. Further, we started revising the vocabulary of French food, beverages and snacks. Learners practised the expressions used for ordering food at a restaurant. They explored different recipes of sandwiches and translated the French recipes into English.

GRADE 8

Grade Eight French learners delved into the topic of 'Mon Quartier' (My Locality) by undertaking a creative writing task. Each student was tasked with crafting a short descriptive essay that captured the essence of their chosen city. To guide them, a sample passage was provided as a reference, allowing them to draw inspiration and structure their unique compositions.

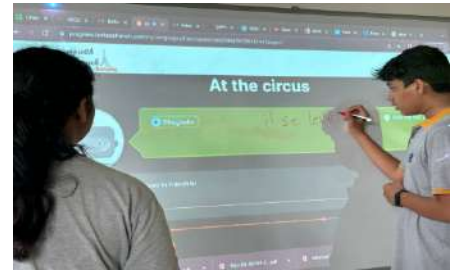


GRADE 9

This fortnight, the French learners of Grade 9 brainstormed different ideas on the topic - "Mes Vacances". The grammatical skills based on "L'Imparfait" and "Le conditionnel" were brushed up. The learners also completed tasks on directed writing using the perfect tense and imperfect tense, future simple and the conditional. Learners were assessed on speaking skills and reading skills.

GRADE 10

This fortnight, the French learners of Grade 10 brainstormed different ideas on the topics “La Nourriture”, “Ma destination préférée” and “Mon école”. They listed down the vocabulary based on both the topics as well as the verbs and adjectives used in the directed writing. Further, they worked on the passage writing, letter writing and e-mail writing on the same topics using the vocabulary and grammar list they created. Listening practice was done based on different situations and topics. They were also assessed on their reading and writing skills.



HINDI

GRADE 6

Learners learnt the chapter ‘Bharat Ratna Dr. Rajendra Prasad’. Through this chapter they learnt to be successful, work hard, have dedication and passion which is important in everything. Whatever we do, we have to do it on time. They focused on reading skill and vocabulary building. Vocabulary such as Aatmakatha, maktab, riyasat, aandolan, chhatravritti, vakalat etc. They also wrote samvad lekhan where, they saw the picture and imagined about the visual; they had to use the given vocabulary such as swagat, mulakat, tarotaza, prasann etc. They presented samvad lekhan to their peers confidently. They focused on application, creative writing and thinking skills.



GRADE 7

Learners learnt the chapter ‘Motilal ke diye’. They learnt that we should not fight on the name of caste, colour, religion etc. We must have to love and respect each other. We have to live a simple life and we don’t have to show off but lead a humble life. Education is important in our life. They understood, how education plays an important role and remove darkness from our life, how a teacher can make a difference in society by displaying the good teachings and values to the students. They also learnt that how person can be honest and stop corruption. They focused on being a good human being who is very important and humanity should be our religion. They focused on reading skill and vocabulary building. Vocabulary such as jigyasa, Anubhav, Apoorva shanti, bhrashtachar, afra-tafri, aib, firak, prabhavshali, chaparasi etc.



GRADE 8

Learners learnt the chapter 'Hamari gandagi hami par baras rahi hai'. Through this lesson, students learnt about how we are responsible for polluting Earth. The focus was on how we throw garbage in the sea, river and ocean and how we pollute our earth and at the end what we give we get back in the form of floods. So students learnt to be responsible and respect our Mother Earth. They also shared how we can stop polluting our planet. They dwelt on the life skill of love and empathy towards our planet. They also learnt the poem 'Vah subah kabhi to aayegi.' Through this poem they learnt that we should not never lose hope and trust in God. Through this chapter and poem they learned vocabulary such as sarvopari, vitrishna, sarovar, pratahkal, jhidakana, pavitrata, mahagandi, mehanatkash, chhalkega, nagma, dhalkega, etc.

GRADE 9

Learners focussed on the chapter 'kya aap jante hai 1500 saal pehle logon ka manoranjan kaise hota tha'. Through this chapter they learnt about how an archaeologist learnt how people use to have entertainment by making use of the animal - how they use to make animals fight such as bull fight, hen's fight etc. They also learnt the chapter 'Jab bina gilliyon ke khela gaya Cricket'. Students focused on reading, comprehension and building their vocabulary such as using new words utkhanan, gilli, mezban etc. They learnt about 'tippan' and 'saransh lekhan'. They focused on building their reading, and writing skills.



GRADE 10

Learners had undertaken the speaking activity wherein they did the roleplay. They presented their 'lekh lekhan.' On the topic 'Shiksha ka Chatron par ho raha prabhav'- they used vocabulary such as rajniti, karmanisht etc. They discussed their mock prelim papers and solved a few past papers.



P.E

GRADES 6, 7, 8, 9 and 10

In PE, learners are engaged with Sports Day Practices.

GRADE 6

ENGLISH

Our students conducted interviews with various assigned staff as a part of their FAs. It was nice to see students hone their communication skills, interpersonal skills and ultimately writing skills. We also had an introduction to directed writing tasks and speech writing as well. The students used their fantastic creativity to churn out flash fiction pieces and it was enthralling to see the competitive side of students during the surprise spelling bee activity! Teamwork and strategizing really did pay off for the winners.



MATH

Learners excelled in their academic journey by mastering the chapter on Rounding and Decimals and undergoing a Formative Assessment to gauge their progress. They also enthusiastically embraced the world of 2D and 3D shapes, showcased their problem-solving skills through Tangram Puzzles – focuses on the objective to rearrange the seven separate pieces into a complete image of various shapes, comprehended the concept of congruence, and delved into the properties of circles. These achievements underscore the students' dedication to learning and the educators' commitment to a holistic educational experience.



PHYSICS

In Grade 6 Physics, students have been delving further into the fascinating world of electricity and circuitry. Building on their previous knowledge, they've been exploring how electrical current flows through a circuit. To make this concept more accessible, they've used an analogy of a rope loop model. This creative approach has allowed them to grasp the intricate workings of electricity in a tangible way.



CHEMISTRY

The learners learnt about different properties of alloys, metals and non-metals and how alloys are so different even when they're made of metals. They also explored the topic with the help of real life examples like what are wires made up of and why. They answered the critical thinking questions from the textbook and workbook as well.



BIOLOGY

Habitat is a place where an organism dwells and one organism is eaten by another organism which is referred to as a food chain. The students learned about the world of producers, consumers, decomposers and explored how various food chains and food webs function. They also learned how energy from one organism gets transferred to another and some of it gets lost for performing vital life processes and also saving it for future use.



G.P.

The learners learnt a lot from watching short documentaries prepared by National Geographic Channel. As a part of their subject matter on Environment, Pollution and Conservation, the learners related to the short documentaries shown to them. Each one had a word or two to say about this exercise, which they enjoyed.



HISTORY

The learners have concluded their exploration of the Panchayati Raj system, comprehending the importance of the Zila Parishad—the apex level in a decentralized government. The Grade 6 learners explored the functioning of the Gram Sabha and the Nyay Panchayat through role play. They students took up various parts like the Panch member and tried solving the issues faced by the villagers (role played by the remaining students). As we wrap up



Term 2, we enter the Early Vedic Period.

Students are delving into the lifestyle of the Aryan settlers, gaining insight about their Vedas, and understanding the unique dynamics of their family and



social systems - understanding the roles of Brahmanas, Kshatriyas, Vaishyas, and Shudras. They are also evaluating how the distinctive Aryan housing set them apart from other civilizations they have learned about, offering a fresh perspective through our History lessons.

GEOGRAPHY

Grade 6 students delved into the topic 'Major Crops'. The students learnt about the different crops and the climatic conditions like the temperature, rainfall, humidity, soil type required for the growth of these crops. The students analysed why different crops grow only in a particular region, how the climatic conditions play a vital role in determining the lifestyle of the people living in a particular area. The students also worked on the map. It was exciting to see students take to the board to identify and locate the different states and countries.



GRADE 7 ENGLISH

Our learners have started diving into the world of speech writing and the usage of associated techniques. They even worked on very interesting informative articles and dystopian pieces as practice for the summative assessment and the work submitted displayed some fabulous creativity! The students used vocabulary lists to enrich their work and put their best foot forward to do well, not just in their assessments but as young writers themselves.

MATH

In Grade 7 Math, students have been exploring the topic of equations. They've honed their skills in solving equations with variables on one side, mastering the fundamental principles of balance. Furthermore, they've tackled more complex equations with variables on both sides, showcasing their ability to handle intricate mathematical challenges. This knowledge empowers them to confidently navigate the world of algebra, where equations are the building blocks for problem-solving.



PHYSICS

Grade 7 students have been exploring the mysteries of space in their recent Physics lessons. They've dived into topics like asteroids, stars, and galaxies, gaining a deeper understanding of our cosmic neighbourhood. To make the learning experience hands-on and fun, they recently engaged in a paper plate activity, creating their own spiral galaxies. This creative activity bridged the gap between the enormity of the universe and our classroom, making the awe-inspiring world of space more relatable for our students.



CHEMISTRY

The learners dived deep into the world of chemical reactions, and their types. They learned about what types of reactions photosynthesis, condensation, evaporation, melting, freezing, combustion, firecrackers bursting etc are i.e. endothermic and exothermic reactions and how in our daily lives we observe these



reactions but are still unaware about these. So the learners were made aware about this and they answered critical thinking questions with great ease.

BIOLOGY

'Health is wealth' as they say and our learners also learned about how health plays a very important role. The little explorers studied how drugs and smoking damage the lungs and act as chemicals that alter the way our mind actually works. They learned about what tar is and how it leads to the formation of cancer (Tumour lump formation). They concluded their learnings by answering down the textbook exercise questions in their notebook.

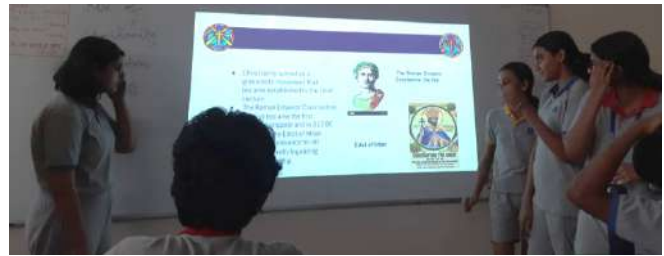


G.P.

The learners were introduced to the topic of 'Global Warming', through various video presentations as well as through slides. Each learner tried to take a look at a particular region trying to draw a comparison with the one chosen by their partner. Collectively, the class tried to answer one common question...where does the melting ice water go?

HISTORY

The students submitted their final drafts of the graphic organisers on the rise of Christianity. The artistic skills and organisational skills displayed were truly impressive. The students also made a presentation on the the topic, which ultimately resulted in a very interesting and stimulating class discussion. The sensitivity with which they have handled such discussions on religion is truly admirable. It also shows that the students are well-read and very much aware of the current affairs in the country and the world.



GEOGRAPHY

The best way to learn is by doing. The students of Grade 7 learnt about different methods of soil conservation by



researching and preparing posters on the topic. The students also understood the importance of soil. We wrapped up the topic with our contributions to conserve soil. Each student was also asked to plant a sampling at home. The students dived into the topic 'Need of Classification of Industries'. The students learnt about the classification of industries and the factors involved in establishment of the industries.

GRADE 8 ENGLISH

Grade 8 has been working on improving their language skills with a variety of topics that will help them enhance their writing skills. The first was imagery. Imagery is a highly effective strategy for increasing comprehension. An advantage of imagery is that the learner can use it in a highly individualised manner. Phrasal verbs were next on our list. Learning to use phrasal verbs correctly help in conversation as well as in writing.



The last was prepositions; they are important because they act as vital special relationships between persons, objects, and locations. This was done through a fun activity where the students needed to position themselves according to instructions.

MATH

Experimental probability is frequently used in research and experiments of social sciences, behavioural sciences, economics and medicine. In cases where the theoretical probability cannot be calculated, we need to rely on experimental probability. To understand the difference between theoretical and experimental probability, the students of Grade 8 had an activity involving M&M's - first to draw one M&M out of the bag, 25 times, to record the colour and find the experimental probability of each colour, and then to find the theoretical probability of each colour in their bag of chocolates. Students found this activity fun, engaging, and delicious!



PHYSICS

In our Grade 8 Physics class, we've observed a heightened eagerness among students to delve into the mysteries of the universe. We explored



topics ranging from the formation of the Moon, asteroids, meteoroids, and meteorites to the after-effects of celestial collisions. A notable moment was when students presented on star formation, types of nebulae, and celestial observations, showcasing their genuine interest and active participation in these captivating discussions. This enthusiasm bodes well for their on-going exploration of the cosmos in our lessons.

CHEMISTRY

The students have embarked on a journey as they delved into the fascinating world of density. During the past few days, they have been exploring the concept of density, its calculation, and its vital importance in everyday life. Students solved workbook questions to reinforce their understanding. Density is a fundamental concept in science that helps us describe how tightly packed the matter within an object is. To make density more tangible, we've also explored its connection to the particle model of matter. In this model, matter is composed of tiny particles - atoms or molecules - that are constantly in motion. Students have learned that in a denser substance, these particles are more closely packed together, resulting in a higher mass within a given volume. Conversely, in less dense materials, the particles are more spread out.



BIOLOGY

Why do we look similar to our parents and how do our likes and dislikes somewhat match theirs? This question arises in everyone's mind; so the learners explored the world of DNA and learned about the various aspects of DNA, where it is found, and what functions it plays in inheritance of a trait from parents to offsprings. They dived into the world of genes and chromosomes and also understood its structure and the composition of the chromosomes. The learners finished the topic by discussing the questions in class and penning down the answers.



G. P.

The learners had an interactive time while carrying out a presentation on the topic 'Transport, Travel and Tourism'. Each of them participated in presentations, while reading out some of the most important concepts based upon usage of emerging technology in tourism and by also coming forward to suggest futuristic views.



HISTORY

The learners wrapped up term 2 by delving into the deep history of the Great War. They explored the origins of this monumental conflict, studying the Balkan Wars and how the assassination of Archduke Franz Ferdinand ignited the flames of the conflict. They delved into understanding the roles of the Central and Allied Powers, gained insights into the harsh realities of trench warfare, and analysed the profound impact and lasting aftermath of the war.



GEOGRAPHY

Grade 8 has been working on the cross section on a contour map. The contour lines connect locations with the same altitude. The students found the map work challenging and engaging. The students were able to identify the different landforms from the contour cross section drawn by them. The map work helps students enhance their practical skills.



GRADE 9 ENGLISH

Using literature to teach language has been one of our strongest methods for English. All forms of literature be it fiction or nonfiction, excerpts from



stories or autobiographies, each has information that will spark the imagination of a 14-year-old. This time the students had two excerpts on Rasputin, a Russian mystic and holy man. He is best-known for having befriended the imperial family of Nicholas II. This was followed by a comprehension exercise that tested their language skills. The other skill they were exposed to was Report writing. Reports are also a way to analyse one's knowledge and skill and helps organise and present information.

MATH

Estimation is part of our daily life. It is important for students, businessmen, engineers, builders and so many people of different sectors. In the construction sector, construction projects require a lot of planning, which cannot be done



without estimation? The students of Grade 9 learnt how to use estimation and find limits of accuracy in several real-life situations. To consolidate learning, students were given a "Follow Me" activity - The learner with the Start/End card (any one) asks their question first. The learner with the correct answer replies "I have" and then asks their question. This continues until the last learner with the End/Start card (corresponding to the Start/End card) answers the final question.

PHYSICS

During this recent fortnight, our Grade 9 Physics students have been immersed in the study of various thermal processes. They have gained a comprehensive understanding of topics such as thermal capacity, heat transfer, and the intriguing concepts of latent heat of fusion and vaporization. In a



hands-on approach, students engaged in experiments involving a Leslie cube, equipped with surfaces of different colours and textures, to observe heat absorption and radiation. This practical experience deepened their grasp of how surface properties impact heat transfer. Furthermore, the class conducted a calorimeter experiment, providing a real-world application of their knowledge in thermal transfer. Following the experiments,

students demonstrated their analytical and graphing skills by plotting data, aligning with the IGCSE question pattern. These experiences have expanded their understanding of thermal processes and honed their practical and analytical skills in the realm of physics, contributing to their academic growth.

CHEMISTRY

Students of Grade 9, delved into the fascinating world of the mole concept, where students are embarking on a journey to master the art of calculating moles, unravelling the secrets of gas moles, and discovering the significance of solution concentration. These foundational concepts lay the groundwork for understanding chemical reactions and will equip students with the skills they need to investigate the empirical and molecular formulas of unknown compounds. Moles, a fundamental unit in chemistry, play a pivotal role in understanding chemical quantities. Students are learning to calculate moles in a compound, which helps them bridge the gap between macroscopic and microscopic properties of matter. By mastering this skill, they can effortlessly determine the number of atoms or molecules in a given sample, simplifying chemical equations and stoichiometry.



BIOLOGY

In Grade 9 Biology, our students have embarked on an intriguing voyage into the domain of biological molecules. This fortnight, we delved deep into comprehending carbohydrates, lipids, proteins, and DNA/RNA - the fundamental components of life that sustain us and define our genetic code. Our budding scientists conducted experiments that illuminated the existence of these essential biological molecules in everyday foods. They examined an array of food samples, including fruit juice, cooking oil, potato and boiled egg to assess their content of carbohydrates, lipids and proteins. This interactive learning encounter not only added an element of excitement to the realm of science but also helped our students acknowledge the pragmatic relevance of biological molecules in their daily existence.



BUSINESS STUDIES

Recruitment and selection are two important aspects of the roles and responsibilities of the HR department.



Learners examined the components of Job analysis, Job description, Person Specification. With the help of samples, learners learned to develop



a job advertisement. They also examined the different pointers to be kept in mind while sending out application forms, receiving applications, and short listing applicants. They drew lots to divide teams to work on their upcoming project on recruitment and had team meetings to work on the project.

G.P.

The students of Grade 9 were introduced to the topic of 'Conflict and Peace' through some historical clips of war, understanding the reason behind wars. They also carried out a group activity where they discussed the most effective methods of negotiations and countering the feelings of hate with peace. Some printed articles on papers also served as a resource material during group discussions to put across different perspectives.



HISTORY

Every branch of the Nazi party contributed to the rampant persecution among the minorities, especially the Jews, the homosexuals, the gypsies and other asocial elements in society. The students used the flipped classroom technique to present their projects on each of the branches, namely - the police and courts, the Gestapo, the concentration camps and the Schutzstaffel. The students used various resources to conduct a deep dive into their topics, coupled with an activity to help check for learning. Each student left class feeling enriched and aware of the plight of the people in Nazi Germany.



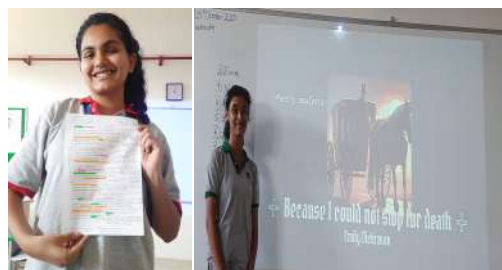
ECONOMICS

Nationalisation, privatisation and environmental policies were discussed as government measures to address market failure. Learners examined the suitability of the government measures to address market failure in different circumstances. They analysed the problems that government intervention can cause with reference to how in India government policies in the food grain markets has led to the emergence of Government as the largest procurer and hoarder of food grains – adversely affecting competition in these markets. They also learned about the evolution, characteristics and features of money as well as the functions of central banks and commercial banks.



GRADE 10 ENGLISH

We decided to change up our approach to prepping for the IGCSE Board examinations and the students took on a poetry analysis challenge! Each student was allotted a poem to analyse the results were amazing. The depth with which the students looked at figurative language and themes was very impressive. Some of them made their resources as well and even used art to take us on a literary journey. It was a proud moment to see their love for the language shine forth through their presentations.



PHYSICS

During this period, the learners engaged in the valuable practice of solving questions from past papers. Following their attempts,



constructive feedback tailored to their performance was provided. In these feedback sessions, we meticulously discussed the questions, emphasizing how to interpret the provided data and respond with precision and accuracy. Additionally, to strengthen their grasp of the subject, the students tackled alternative practical papers, allowing them to become more proficient in practical application. This comprehensive approach prepares them for their assessments and nurtures their problem-solving skills and ensures a more profound understanding of the subject.

CHEMISTRY

Students have been actively engaged in identifying the concepts that they need help with. They have currently revised the concept of electrochemistry. They have covered topics like redox reactions, electrolysis, and electrochemical cells. To ensure that our students are well-prepared for their upcoming exams, we have initiated a series of past paper-solving sessions. These sessions help students become familiar with the format of the questions, improve their time management skills, and identify areas where they may need additional support. It's an effective way to gauge their readiness for the exams.



BIOLOGY

During the revision session, students delved deep into the world of biotechnology. They learned about the practical applications of biotechnology in areas such as medicine, agriculture, and environmental conservation. From genetic engineering to cloning, our students explored the cutting-edge techniques that are transforming the field of biology. In addition to revising these fundamental concepts, our Grade 10 students actively engaged in solving past paper questions. This exercise not only allowed them to apply their knowledge but also familiarise them with the format and types of questions they may encounter in their upcoming exams.



BUSINESS STUDIES

Learners were engaged in solving past papers and model questions to prepare for the IGCSE board exams. They were encouraged to work upon the feedback provided after the Mock-

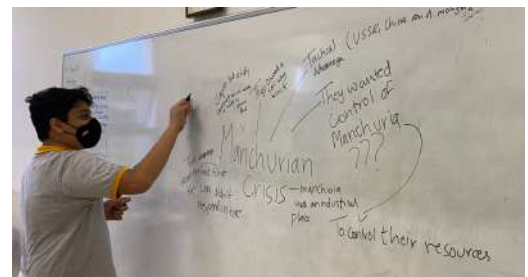


Prelims. They tried to solve some challenging data-based questions as well. At times, revision was made fun with quizzes and debates.

G. P.

Newspaper reading and analysing various sources of information on specific topics is what Grade 10 got into for building different perspectives. Topics ranging from tourism to road accidents were part of ideation and perspective building exercise. Besides solving past papers, the students regularly engaged themselves into discussions in pairs over the topic of the day.

HISTORY The importance of revision is twofold. Firstly, it helps you to remember facts, figures, topics and methodologies that have been covered some time ago. Secondly, if done correctly it will help increase confidence and reduce anxiety. Grade 10 has been working to improve their scores from their Mock Preliminary exams.



ECONOMICS

With the portions for the IGCSE board exams being completed, learners are engaged in

rigorous revision of the topics covered over the 2 years. They answer model questions of different difficulty levels and challenge one another with questions.



We've reached the end of this Newsletter. Our next edition will reach you at the end of December as Grades 6 – 10 will have their Term examinations in the period ending 2nd December 2023.

Regards,

The Gera School