



CBSE Edition

January - 2021



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Shalini Singh Hamilton
Principal
Cambridge International & CBSE

Dear Parents and Geckos,

Warm greetings to you!

Wishing you all a very Happy New Year 2021 filled with many successes and continued progress. I heartily wish that this year brings to us all, more strength and more dedication and I do pray that we are able to achieve all our goals with our matchless commitment and sincerity. Our Geckos are back to the virtual school with raised spirits and jubilant hearts after a wonderful winter break.

Completing the series on the five developmental pillars of The Gaudium's Happy Mind's Model, the 'Stakeholders Engagement', we at The Gaudium have been able to connect well with all our stakeholders though mostly virtually this academic year viz., the online classes, the Con-connects - the virtual PTMs, the curriculum specific orientations and events like Graduation Day and Academic Fair, the whole school events like Investiture Ceremony, Independence Day and Republic Day, the Language and Festival assemblies, the guest lectures - Talking Titans, counselling sessions by the School Counsellor as well as the Career Counsellor, the virtual University Fairs and Book Fair; the professional development of our faculty members, creating a platform for teachers to share knowledge and opportunity to unleash and develop the talent pool from within,, relationship building through

The Principal's Message



Shalini Singh Hamilton
Principal
Cambridge International & CBSE

engagement during subject department meetings, collaborating for curriculum planning by the Pedagogical Leadership Team, the decision - making sessions by the Senior Management Team, the virtual interactions with prospective students and their parents, the virtual interviews for the recruitment of new faculty, the 'Study Lounge' that provides emotional and academic support to the students while they interact with a specific teacher one-on-one, the generous donations by everyone for the Gratitude day for our support staff, everything has helped us reach our objective of building our relationship through communication, collaboration and contribution thereby establishing an atmosphere of trust and well-being.

The students of Classes VI to IX and XI are done with their syllabus for the Final Term and are now having rigorous revision while the students of Classes X and XII will be writing their pre-boards before they write their CBSE Board Exams. Wishing everyone all the best!

Warm regards

Shalini Singh Hamilton

Principal- CBSE and Cambridge International



We at the Gaudium believe in empowering our Geckos in such a manner that they act as representatives of a meaningful and value-based society! They need to understand the importance of emotional balance, critical thinking, and most importantly accepting failure graciously!

It gives me immense happiness to inform all the parents that the students put their best foot forward during the Academic Fair and without your support it would not have been possible. You have been very cooperative in all our endeavours, be it academics or extra-curricular activities.

The syllabus has been completed in all the classes as per the CBSE board guidelines and teachers have prepared a rigorous revision plan which will soon be shared with you. We have successfully completed two Pre-board examinations for the board batches and will soon make announcements for Preboard 3.

Students are encouraged to hand in their assignments on time, collaborate effectively on group projects, avoid plagiarism, and read the teacher's instructions and syllabus to know when assignments are due, instead of relying on constant reminders. Their Internal marks will be based on their prompt submissions.

They are advised to review each subject and make sure that they understand it fully as this will make revisions easier. Teachers will be available in the Study Lounge everyday between 2:15-3:00 pm, to clarify their doubts.

I wish good luck to the Geckos for their upcoming examinations and assure them that we are with them through out their journey of learning.

Varsha Dillikar,

Academic Coordinator-CBSE



Dear Readers,

Welcome to the January edition of the CBSE newsletter!

Expressing oneself in art is the profound essence of life. It is the most favoured union when art meets the artist. Every school day at the Gaudium abounds in experiences that are skilfully carved till it attains its shape to perfection. Year on year we sculpt with a little more care, with a little more patience. In this new year edition of the Gaudium newsletter we once again bring to you the Gecko story of artistry. It's indeed a fresh beginning to cut across the storm clouds of the year, like never before, and set sail on the deep waters of exploration and discovery. While the classrooms have been bustling with immeasurable enthusiasm of special assemblies, guest talks, career counselling sessions, revision schedules and the likes, what predominantly remains unscathed are the joys of knowledge. The month also saw the Geckos wearing the colours of Republic India with unmatched vigour and pride of the young who has been handed down the rock-firm foundation as an inheritance. While they bequeath lessons from our magnificent past, they also simultaneously write their tales of accomplishment in the present, beautifully transitioning into time that holds promises of a glorious future.

Whilst classroom learning strengthens the core, we also implore you to invest time and effort in widening perspectives, in creating fresh paradigms and in building an everlasting commitment to knowledge. The virtues of reading, in this regard, can never be overemphasized. In the words of Francis Bacon, 'Reading maketh a full man...' and it is the pursuit of this fullness that we all strive for. Nothing can replace the joys of a family time spent reading together; we wish for you to nurture this habit and reap its persistent benefits. The Gaudium fraternity takes this opportunity to thank you for your sustained efforts to let learning reign supreme. We hope you will enjoy flipping through, absorbing and reliving the month's experiences as much as we enjoyed compiling it.

Stay Safe and Inspire Greatness!

Ratna Das
Editor and English Faculty

Republic Day Celebrations

With freedom in our mind, integrity in our heart and pride in our soul, we marked the celebrations of the 72nd Indian Republic Day. The patriotic fervour of the Gaudium fraternity rung loud and clear through out the show. It was symbolic of the manifold cultures of our Motherland that bind us as a nation.



In their graceful dance performances, soulful melodious renditions of popular patriotic numbers and prolific narratives presented in praise of our nation, our Geckos truly wore the colours of nationhood and aptly represented the core values of our institution.

To add to the event's magnificence, our Chief Guest Lieutenant Colonel Vishal Ahlawat, an army personnel. He has several awards and accolades to his name, that also includes registering his name in the Guinness Book of World records a whopping four times for his feat in cycling.



Lieutenant Colonel Vishal Ahlawat, an army personnel par excellence emphasized on the virtues of dedication and determination that had stood him in good stead at the face of the toughest opponent. There could have been no better source of inspiration for us than to listen to this Braveheart on the august occasion. The day came as a reminder of the supreme sacrifices of our freedom fighters and our responsibility to preserve it till eternity.

Republic Day Celebrations





Another feather to the cap of our Gecko accomplishment was added by the epitome of diligence and determination, Alimela Shreshta Reddy of CBSE IX. Shreshta secured second rank in the Sangareddy district of Telangana in the National Level Online Examination of Vidyarthi Vigyan Manthan, organized in association with the Department of Science and Technology (DST), Government of India and National Council of Educational Research and Training (NCERT). This unique, app-based science talent search examination identifies successful students at the State and National levels and felicitates them for their extraordinary feat. Thousands of students across the country and around 50 students from The Gaudium School participated in the exam that was held on the 29th and 30th of November, 2020. This is indeed a moment of pride for the Gaudium family as we watch our Geckos soaring high in the sky with the most vibrant of victorious hues!

The Gaudium family congratulates Shreshta for her well-deserved success and wishes her a path carpeted with many more accomplishments.

The high school students of The Gaudium School's CBSE and Cambridge International wing had the privilege of interacting with **Dr Sharad P. Kale** as the guest speaker in their segment of Talking Titans on 6th January 2021. A Padmashree awardee, Dr. Kale is known for his immense and extensive work in nature conservation. Retired as a decorated scientist from Bhabha Atomic Research Centre, he has made remarkable contributions in sustainable development and solid waste management. His **Nisargruna** Concept of developing biogas based on biodegradable waste resources has brought him national fame.

Dr Kale pioneered the '**Nisargruna**' concept- the word indicating giving back or paying one's debts back to mother nature. It was enlightening to find out how through his scientific innovation, the solid wet waste generated from the canteen of an organisation had been put to good use, by conversion of the same into biogas which supplies the fuel used for cooking.

He encouraged children through various real-life examples and experiences to cultivate good habits from childhood and not to live a life of consumerism and excessiveness which are common in today's world. Habits such as reading books, practising hands-on recycling techniques, having your own vegetable garden, making your own compost and reducing the waste which goes to the dump yards were strongly advocated by him.

Several oaths were taken such as not to waste food, plant and nurture a tree, make your home a sustainable home with no waste, and many more. Through the session, he ensured that the generation of tomorrow respects and gives back to nature. His address encouraged the philosophy of simple living and high thinking.

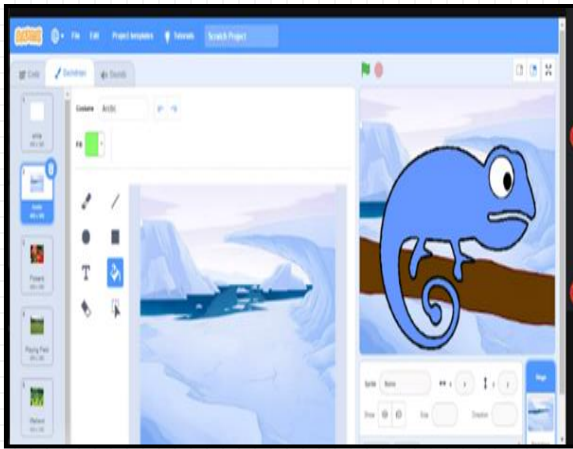




“We want India to become a global hub for AI”- PM Modi

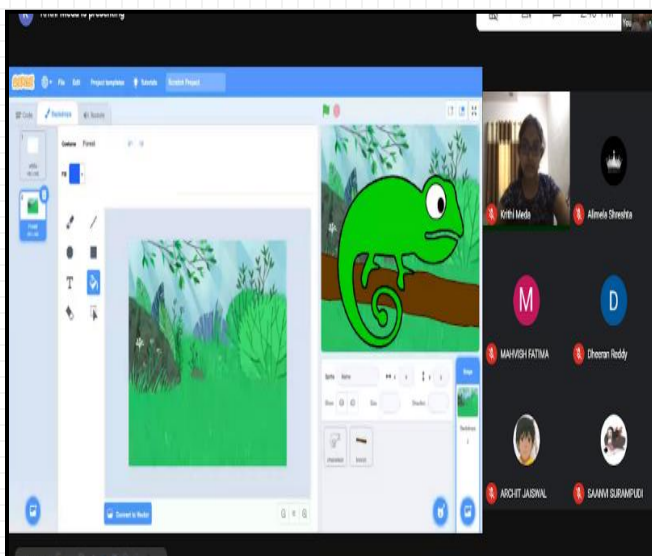
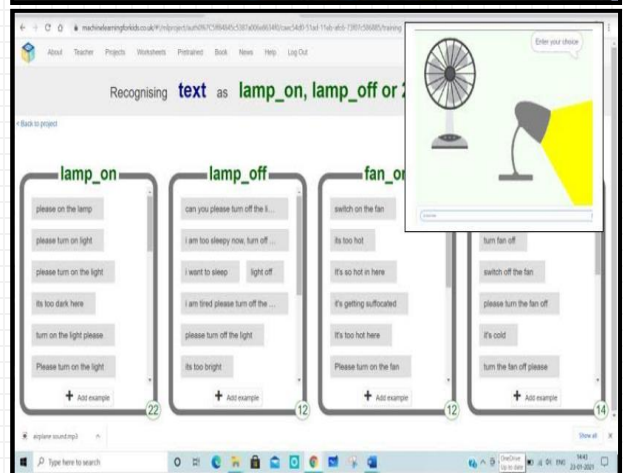
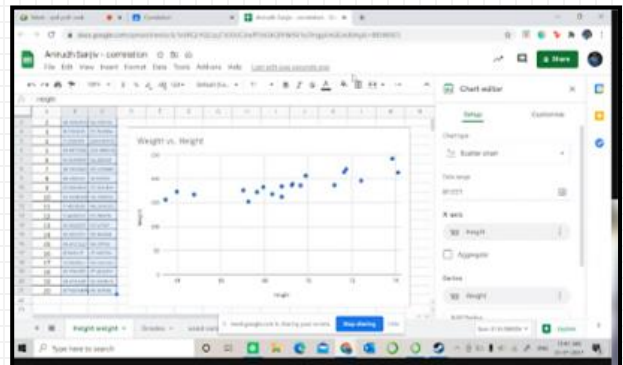
The world is rapidly changing. Today’s students need to be resilient enough to view hurdles or problems as learning opportunities. Artificial Intelligence (AI) provides a perfect context to begin developing those skills. AI is not just about coding and technology, but a toolkit for solving problems. India with its largest youth population in the world has potential to become an AI solutions provider for 40% of the world. Students have to use smart machines to enhance their capabilities but not compete against them. The Gaudium school has envisioned an integrated AI curriculum in order to create a stronger and more secured future. As an AI Facilitator, I have been honing my skills by attending workshops conducted by IBM, Intel, InkLink etc. and have also successfully completed a course from IIT Madras. The workshops helped me in improving knowledge and confidence to bring AI education to our Geckos.

Katyayani B
AI Facilitator



According to **New Education Policy 2020** training in AI and related technologies must start early for students to later become the workforce that is able to successfully create, invent, and improve.

Our Geckos exploring **Data Visualization, Computer Vision and Natural language Processing** - the domains of **AI** using IBM Watson .



When engaging with AI to solve problems, students inherently use the 21st century skills of critical and creative thinking, collaboration and communication. They also develop skills in data fluency and ethical decision making.

Career Counselling session for Class IX students

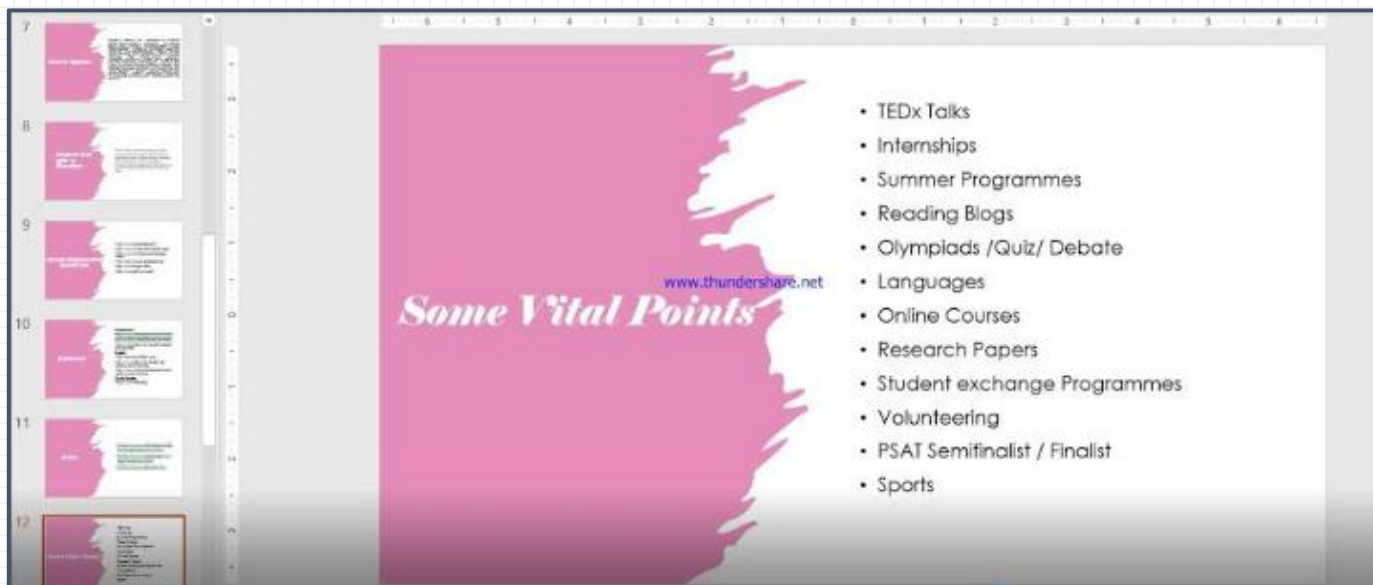
Career counselling is highly important as it helps identify the real potential in a student and guides to aim for the career which is the most suitable for a student. Career counselling benefits the students in understanding the career options that they have and how to pursue them. It assists them to understand their own strengths and challenges with regard to their present course or profession and lets them know what career they would be best suited to. It not only gives them a platform to voice their opinion about what they would like to pursue, but also gives an opportunity to discuss the obstacles that they may be worried about.

The school career counsellor **Ms. Mahitha Sammeta** organized a career counselling session on 27th January 2021 for Grade IX. They became aware of the various available online platforms which can sharpen their skills through courses from Udemy, Udacity and many more. Several points regarding profile building were shared with instances gathered from TEDx Talks, MUNs, sports and performing arts; and students understood the significance of extra-curricular activities' experience when it comes to college admissions. The students at The Gaudium have been getting exposure to several informative career webinars which have helped them in selecting the University, gain knowledge of scholarship opportunities and also have their queries answered by the University admission officers across the globe.

Thus, the geckos of Class IX had a productive session of profile building with Ms. Mahitha Sammeta. They gained clarity on the matter and we hope to see our aspiring champions emerge with flying colours.



Emphasis laid on profile building



Way forward to College Applications and admission procedures



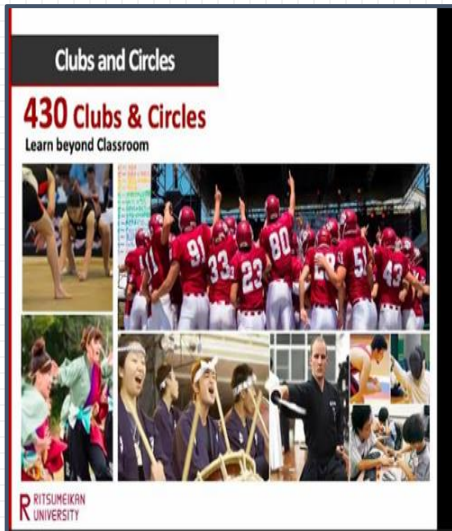
Career Webinar by Japan University Consortium (JUC)

A career webinar was organized virtually on 23rd January, 2021 by a group of five Japanese Universities for the students of The Gaudium School. The session included the details from the reputed Universities of Japan, viz- Temple University, Nagoya University, NUCB University, Ritsumeikan Asia Pacific University, Ritsumeikan University. The session provided the geckos with very significant points and details of studying in Japan.

From admission requirements to popular programs, fee and scholarship-related details, everything was highlighted very well. The dilemma of students when it comes to studying in Japan/abroad were clarified well, as they busted myths and highlighted several present offerings. The fact that these Universities offer degrees in English, and many of them even have dual degree programs, where one can pursue studies for 2 years in Japan and then travel to an associated University in another country was also enumerated. The webinar concluded with an open-house round and vote of thanks.

Ms. Mahitha Sammeta
Career Counselor

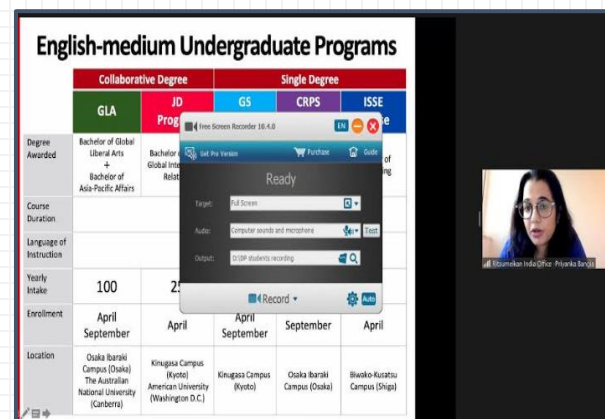
Global Leadership - Career Webinar



Several Japanese Universities on board



Emphasis was laid on the available programmes and courses



Core Values - Pongal Festival Celebrations

It's a warm winter sun, the cornfields have ripened and our spirits are as high as the brightly coloured kites soaring with dreams of prosperous day's ahead. On Jan 13 the students of Cambridge International and CBSE staged a stimulating special assembly to mark the arrival of the harvest season. Replete with songs, dances and discourses on the significance of the day the students' demonstrated a thorough understanding of the festival's long-standing heritage and cultural significance.



They also paid a glowing tribute to the very concept of farming and harvesting which is the basis of our survival on planet earth. Nurturing a school culture that embraces all languages and ethnicities is the ultimate aim of education.

Core Values - Pongal Festival Celebrations



How can our Geckos possibly be far behind, when the entire nation is dressed in the colourful hues of the auspicious celebrations of **Makar Sankranti**, the biggest harvest festival.

Amidst the zeal of the festivity, what stood out was the traditional bent of mind of the younger lot, despite their contemporary minds etc.



The Geckos aced the **multilingual performances** and exhibited their superior skills in not only English, but also Hindi and Telugu.



This special assembly was a trailer to achieving our cherished ideals of creating global citizens.

Core Values - Virtual Trip

A virtual field trip was arranged to provide a “big picture” of the content the students are studying during the course. It was conducted by Mr. Harbinder Mehra, CEO of Le Frehindi, Paris; which was founded with the aim to promote and spread awareness of being a global citizen in the 21st century. Mr. Mehra took the students through the streets of Lyon, France. During the session, students were guided through streets, departmental store, butchery & wine shops, cycle stands and a government building followed by a question answer session. This field trip brought the real-world perspective to concepts discussed in course text as well as provided a national and global perspective to the content being studied.



During this activity, students learned more about the local culture of Lyon city in terms of eating habits, lifestyle, behaviour attributes, conventions, norms and practices followed by natives. Student response to the virtual field trip activity was overwhelmingly positive. During the virtual field trip, it was evident that many students were curious to know more and reached out to ask questions or seek additional information from Mr. Mehra.



Connecting concepts with reality

Virtual tour of important landmarks



Understanding the structure of the local bodies.

Ushering in the New Year- A CBSE Special Assembly

The high school CSBE wing ushered in the first school day of the new year 2021 in a beautifully presented assembly! Hosted by geckos Arieve of Grade 7A and Veena of Grade 11, the audience was taken through a beautifully presented and wholesome Assembly experience filled with positive and encouraging nuggets of motivation which was just the right boost to embark on the new year!

The assembly commenced with the school prayer and with Shrestha of Grade 9 presenting the current news headlines to everyone. The theme of the assembly was 'perseverance'; it was perfectly blended in all along the assembly. Being the beginning of a new year, a time to make and promise ourselves resolutions and go on a path of progress, it is no wonder that perseverance is the virtue which will help lead every one of us to success. Through the address by the visionary Principal Ms. Shalini Singh Hamilton, the Coordinator and the teachers, the idea of perseverance was explained and well elucidated. In order to embark upon the new year, one needs to go on the path of perseverance, work hard steadily, get rid of bad habits and explore one's own strengths. No goal is difficult to attain if the person perseveres with determination and patience. Several brilliant real life instances were shown ranging from Thomas Alva Edison to Michael Jordan and many more who achieved sweet success in all its glory after persevering for their undeterred passion.

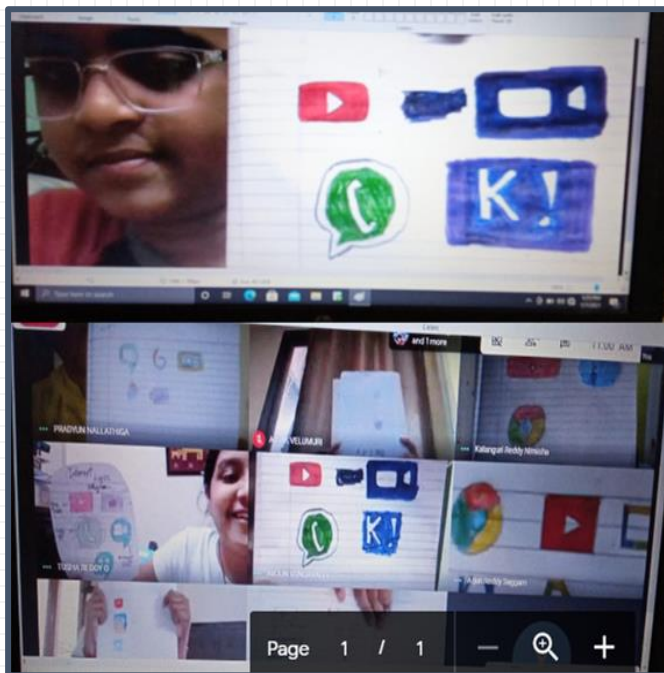
The geckos also presented a short video on the demonstration of the STEM projects, an innovative skill that they have acquired through the classes in The Gaudium. Coupled with the exemplary display of 'tech' skills learnt from the ICT classes, it was a wonderful testimony of the creative scientific learning of the CBSE students!

Core Values - Ushering in the New Year

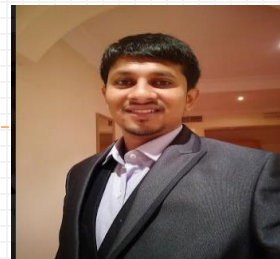


Creative Teaching

Finding the right teaching approach to accommodate the diverse learning is the need of today's students which is a challenge for every teacher. Integration of arts in teaching students who are diverse and disenfranchised benefit significantly, specifically in the area of English Language arts. Integrating arts helps to move away from the traditional oral and recall method. Through this idea we came to know about different online applications and discussed about them, this technique of discussing and drawing is effective in a situation where a lot of information is required to be passed on in a relatively short time



While teaching a lesson related to internet, I came across a particular interesting activity in which I asked my students to draw the logos of that social media websites which they are using in their day to day life. It was fun to see how they investigated and exacted the same image.



STEM Learning in School

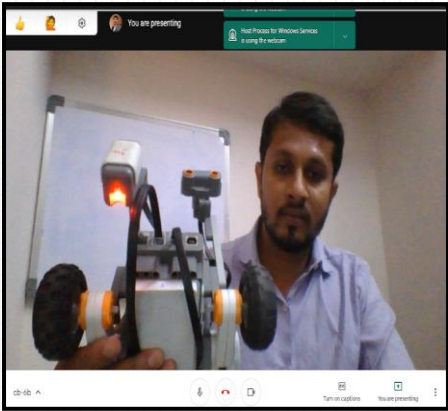
In the current generation of the technological revolution, innovations have become a part of life and every system around is becoming automatic.. Understanding the industry requirements and to bridge this gap in learning, CBSE board has come up with STEM pedagogy and The Gaudium school is successfully implementing the STEM learning using a 3D designed simulation platform, RoboGuru.

STEM education refers to the integrated learning of the subjects, Science, Technology, Engineering and Mathematics. This approach lays emphasis on preparing our young learners to be successful in their careers. STEM learning takes learners beyond science and mathematics concepts. We follow hands-on learning with real-world applications to develop a variety of skill sets, including 21st- century skills like critical thinking, problem solving, creative and analytical skills, curiosity, decision making, logical thinking, technology literacy, productivity and communication skills.

Considering the Coronavirus pandemic situation around us, we Started with Virtual Programming software, **RoboGuru**. Roboguru is a 3D simulation tool with physics enabled engine to learn programming to the students with a virtual robot following the series of instructions given through a simple GUI, drag and drop like features. The tool provides continued and sharp learning curve with never ending challenges for the students integrating various concepts from science, technology, engineering and mathematic. We followed in-depth inquiry based approach during the sessions where learners were challenged with various tasks, asked to research, inquire and find a solution.

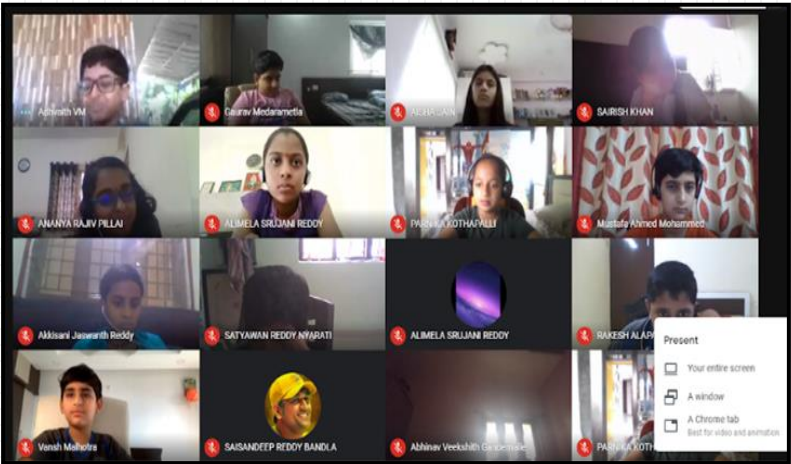
I believe in developing the future engineers, scientists, mathematicians, and creators who will shape our society through the next chapter of technological revolution and be makers of our future community.

Madhukar Reddy,
STEM Facilitator

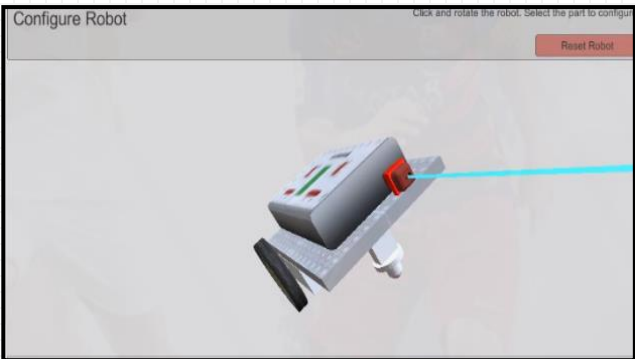
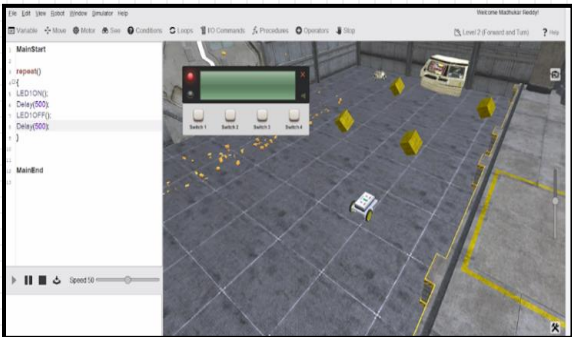
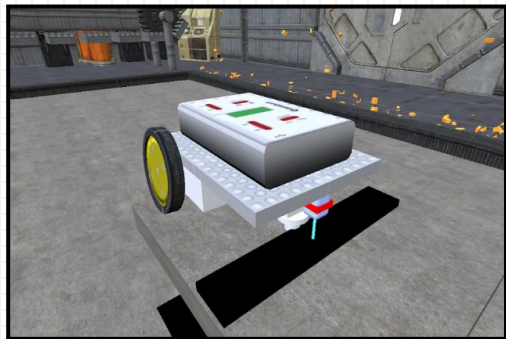


STEM- innovative approach to learning

Students exploring the world of Robotics



RoboGuru aids experimentation



Some of the programs students have developed are Blinking the LEDs, Activating Buzzer, Printing message on Liquid Crystal Display, Line detection and counting lines, Wall following machine, Obstacle avoiding etc.

Amidst the pandemic turmoil, the examination season is gradually gaining momentum and we are leaving no stones upturned to support the learning needs of the students, especially the Board batches. To provide the students with substantial practice and create an examination simulation the Pre-board 2 examinations were conducted in the school with utmost attention paid to COVID-19 protocol. Also, keeping in view the anxiety associated with the situation the students were given an option to attempt the examination online. While few students opted to write the exams in school, others chose to take it online. We express our sincere gratitude to the management, faculty members and the admin team for the smooth conduct of the examinations, both online and offline. It was a sheer sense of joy to experience the school corridors coming alive once again with excited chatter, frenzied last minute revisions and student-teacher interactions. It brought in a new array of hope that it is not long before we can all enjoy the learning environment in its former glory.



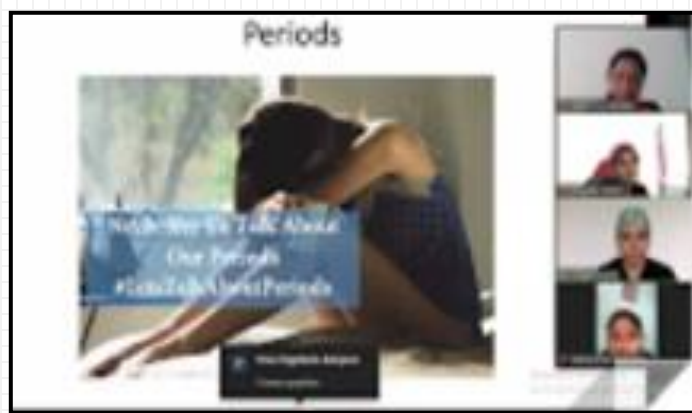
Talking Titans- A session for adolescent girls by Dr. Vimee Bindra

On 6th January 2021, a very special Talking Titans session was organised at The Gaudium School for the high school girls. The guest speaker on the occasion was a renowned gynaecologist Dr. Vimee Bindra who is a Consultant Laparoscopic Surgeon at Apollo Hospitals, Hyderabad. It was a very interactive session, as Dr. Bindra educated the adolescent girls on the various physical changes that occur with the onset of puberty and how important it is to speak up openly about the menstrual cycle and everything related to it.

Dr. Bindra beautifully explained the biology behind puberty and clearly demonstrated the details. Keeping it a very interactive session, she encouraged the students to speak out their doubts concerning the topic. She also demarcated the normal from the abnormal changes which one might overlook, but from a medical point of view is a red flag which needs to be addressed immediately. The girls understood when they should seek medical help and when they need not.

Dr. Vimee Bindra covered this sensitive topic with utmost compassion as she dismissed the taboos and malpractices followed by various communities which are not scientifically justified and pose as discrimination and a violation of several human rights. This aspect of awareness also made the girl students aware of the surroundings and armed them with the right knowledge. Feelings of anxiety and eagerness to know more about this natural phenomenon are very common in the age and the proper address through a secure and reliable source can be very comforting.

Mindfulness and Wellbeing-Talking Titans - By Dr. Vimee Bindra



संवाद लेखन

१) संवाद क्या है?

२) संवाद लेखन किसे कहते हैं?

३) संवाद लिखते समय ध्यान रखने योग्य बातें

४) संवाद लेखन का महत्व

५) संवाद लेखन का उदाहरण

संवाद लेखन

संवाद लेखन का महत्व:-

किसी भी नाटक या फिल्म की रचना करने में संवाद लेखन का प्रयोग होता है। संवाद के अभाव में फिल्म या नाटक की कल्पना भी नहीं की जा सकती है।

संवाद लेखन

Description Writing



संवाद लेखन

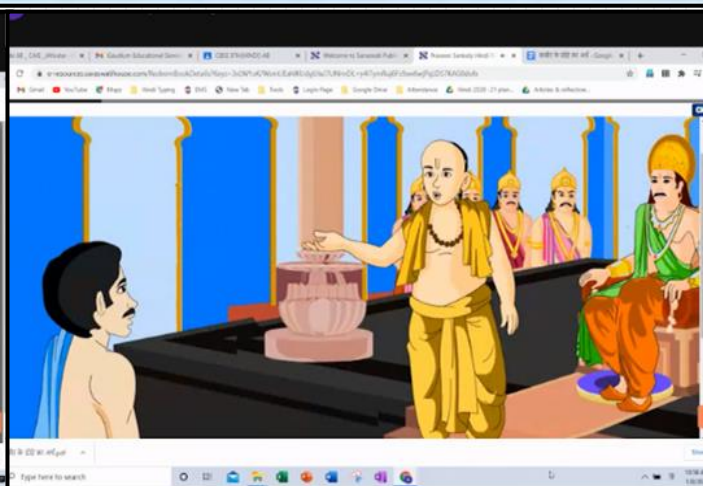
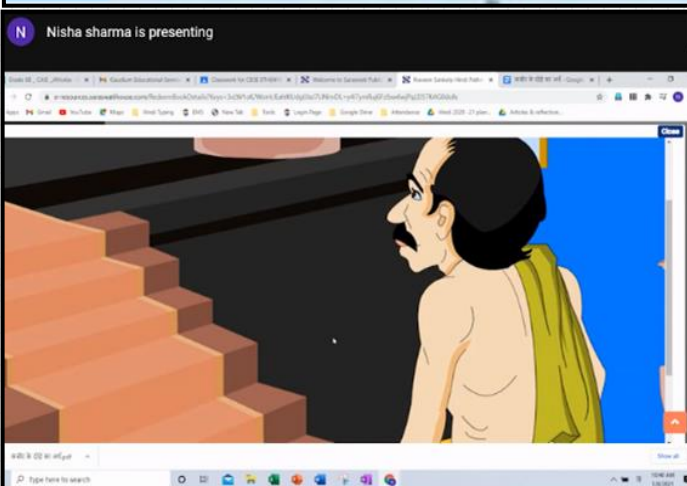
दो मित्र के बीच पेड़ काटने को लेकर संवाद

करन- अरे मनोज! तुम कब आए?

मनोज- बहुत देर से तुम्हें देख रहा हूँ।

करन- क्यों भाई, क्या हुआ?

मनोज- तुम यह पेड़ क्यों कटवा रहे हो? तुम जानते हो पेड़ हमारे जीवन के लिए अति आवश्यक हैं। उनके बिना मानव जीवन संभव है क्या?



Class VI

విద్యార్థుల చేత సంక్రాంతి పండుగ సందర్భంగా వాల్ పోస్టర్స్ గీయించడం జరిగింది. PT-4 ఎగ్జామ్ సందర్భంగా Portion విద్యార్థుల చేత రివిజన్ చేయించడం జరిగింది.

Class VII

విద్యార్థుల చేత సంక్రాంతి పండుగ సందర్భంగా వాల్ పోస్టర్స్ గీయించడం జరిగింది. రాణి శంకరమ్మ పాఠం ద్వారా తెలంగాణ రాష్ట్రంలోని వీరనారీమణులలో ఒకరైనా రాణి శంకరమ్మ బాల్యం, ఈమె చిరుతపులితో కలబడిన సంఘటన గురించి, ఆమె యుద్ధరంగంలో చూపిన ప్రతిభ గురించి, శంకరమ్మ జీవిత చరిత్ర గురించి విద్యార్థులకు తెలపడం జరిగింది. ఈ పాఠం ద్వారా విద్యార్థులు మహిళలు తమ శక్తి సామర్థ్యాలకు పదును పెట్టి ఆత్మ విశ్వాసంతో ముందడుగు వేయాలని, శంకరమ్మలాంటి వీరనారీమణుల గొప్పతనం తెలుసుకుంటారు. PT-4 ఎగ్జామ్ సందర్భంగా Portion విద్యార్థుల చేత రివిజన్ చేయించడం జరిగింది.

Class VIII

విద్యార్థుల చేత సంక్రాంతి పండుగ సందర్భంగా వాల్ పోస్టర్స్ గీయించడం జరిగింది. విద్యార్థుల చేత శతకసుధ పాఠంలోని 8వ పద్యానికి ప్రతిపదార్థం రాయించడం జరిగింది. PT-4 ఎగ్జామ్ సందర్భంగా Portion విద్యార్థుల చేత రివిజన్ చేయించడం జరిగింది.

సంక్రాంతి పండుగ సందర్భంగా తెలుగు అసెంబ్లీలో విద్యార్థుల చేత పండుగ గురించి తెలిపే కార్యక్రమాలు నిర్వహించడం జరిగింది.

Class IX

గుణసంధి, యణాదేశసంధి, ప్రకృతి-వికృతులు, వ్యతిరేకపదాలకు సంబంధించిన వర్క్ షీట్లు చేయించి, కాళోజి పాఠంలోని ప్రశ్నలకు జవాబులు రివిజన్ చేయించడం జరిగింది. పరీక్షకు రివిజన్ చేయించడం జరిగింది. పరీక్ష రాసారు. జవాబు పత్రాలను సరిదిద్ది అందులో వారు చేసిన తప్పులను వివరించడం జరిగింది.

Class X

ఛందస్సు, సమాసాలకు సంబంధించిన వర్క్ షీట్లు చేయించడం జరిగింది. పరీక్షకు రివిజన్ చేయించడం జరిగింది. పరీక్ష రాసారు. జవాబు పత్రాలను సరిదిద్దడం జరిగింది.

CHARACTERISTICS OF SOUND WAVES



Time period (T) is the interval between two successive compressions or two successive rarefactions.



Ranjith Kumar Kasarla is presenting

CHARACTERISTICS OF SOUND WAVES




Frequency (n) is the number of waves produced in unit time and is measured in hertz (Hz).

Sound travel in the form of wave.

Wave:

Compression:- It is the region where all the air are crowded.
In this region pressure and density are high.

Rarefaction:- It is the region where all the air particles are far apart.
In this region pressure and density are low.

C



R



C



R



C



Grade-8 Understanding the Characteristics of sound waves

Velocity-Time Graph

start simultaneously in the same direction.
 (i) How much ahead of A is B when the motion starts?
 (ii) What is the speed of B?
 (iii) When and where will A catch B?
 (iv) What is the difference between the speeds of A and B?

Question: In the speed of either the train uniform or non-uniform? Justify your answer. The V-t graph of cars A and B start from the same place and move along a straight road in the same direction, as shown. Calculate (i) the acceleration of car A between $t = 0$ and t_0 , (ii) the acceleration of car B between $2t_0$ and $4t_0$, (iii) the position of time at which both the cars have the same velocity (iv) which of the two cars is ahead after t s, and by how much?

Handwritten Notes:

- A car starts from rest and accelerates uniformly for 8.0 s. It reaches a final speed of 16 m s^{-1} .
 • What is the acceleration of the car?
 b) What is the average velocity of the car?
 c) Calculate the distance travelled by the car.

Given: $u = 0$, $t = 8\text{s}$, $v = 16 \text{ ms}^{-1}$

a) $a = \frac{v-u}{t} \Rightarrow \frac{16-0}{8} = 2 \text{ ms}^{-2}$

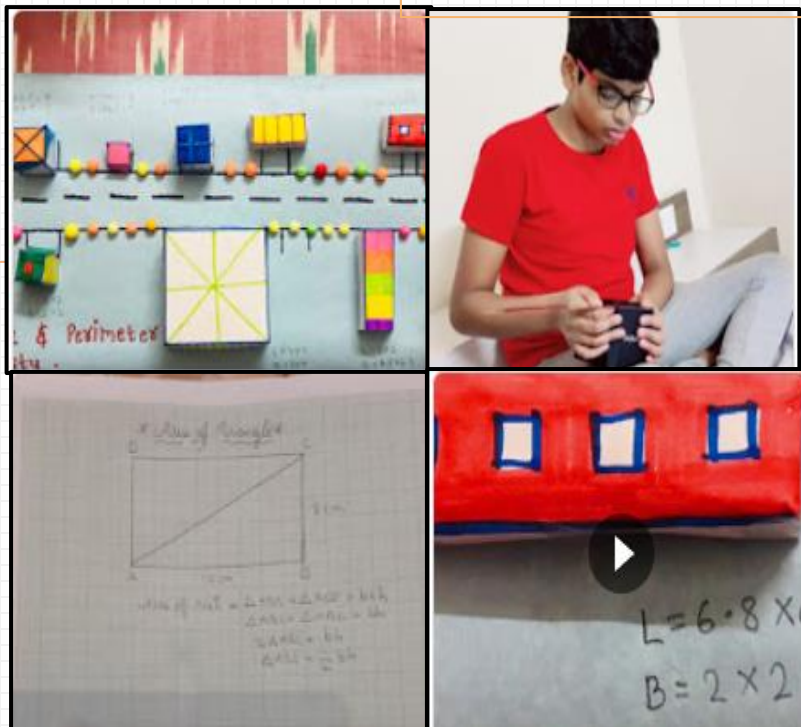
b) avg velocity = $\frac{u+v}{2}$
 $= \frac{0+16}{2}$
 $= 8 \text{ ms}^{-1}$

c) $S = ut + \frac{1}{2}at^2$ (or) $v^2 - u^2 = 2as$
 $s = (0)t + \frac{1}{2} \times 2 \times 8^2$ $(16)^2 - (0)^2 = 2 \times 2 \times s$
 $s = 64 \text{ m}$ $256 = 4s$
 $\therefore s = \frac{256}{4} = 64 \text{ m}$

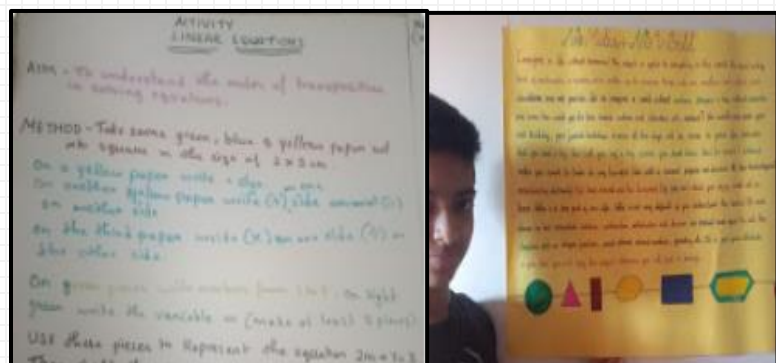
Grade9 : Solving numerical problems based on MOTION

In **Class VI** students explored symmetry through projects. They chose a medium of their interest and created a symmetric artefact. They enjoyed exploring symmetry in nature and were amazed to see the extent of symmetry in monuments. Some of them wished to create their own symmetric designs and models.

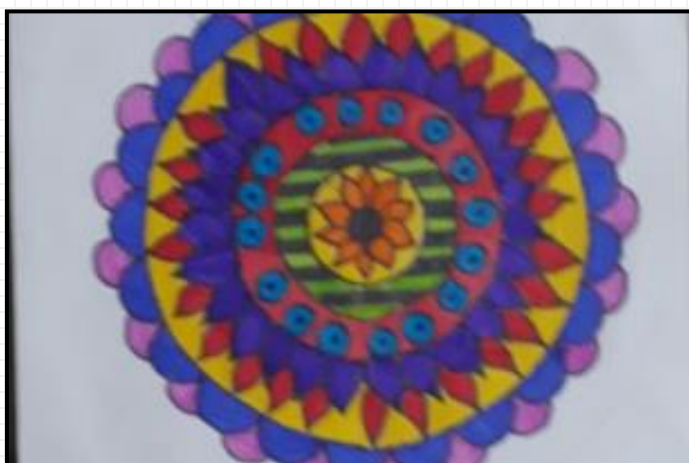
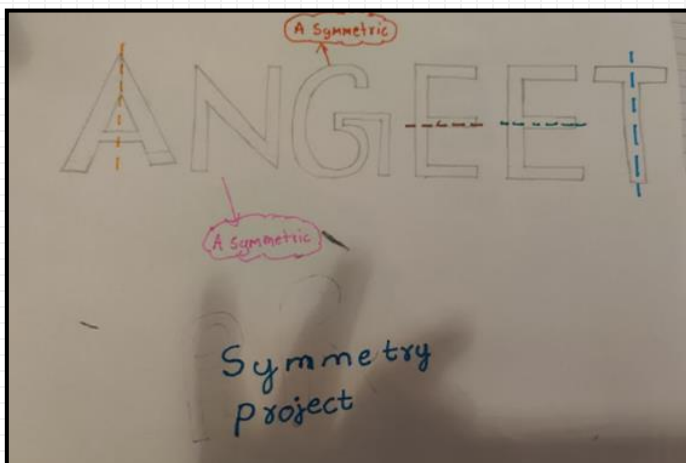
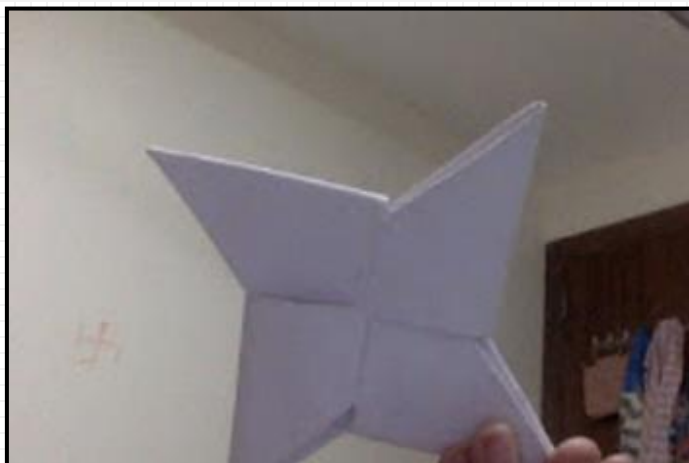
Our **Class VII** geckos performed activity to have concept clarity on finding Perimeter and area of a given shape

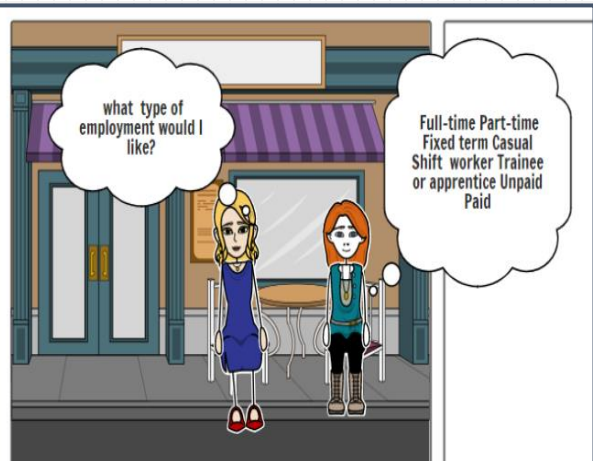


Our **Class VIII** geckos performed an activity to understand the concept of Linear Equations



The Magic of Mathematics - Understanding Symmetry - Classes VI A and B



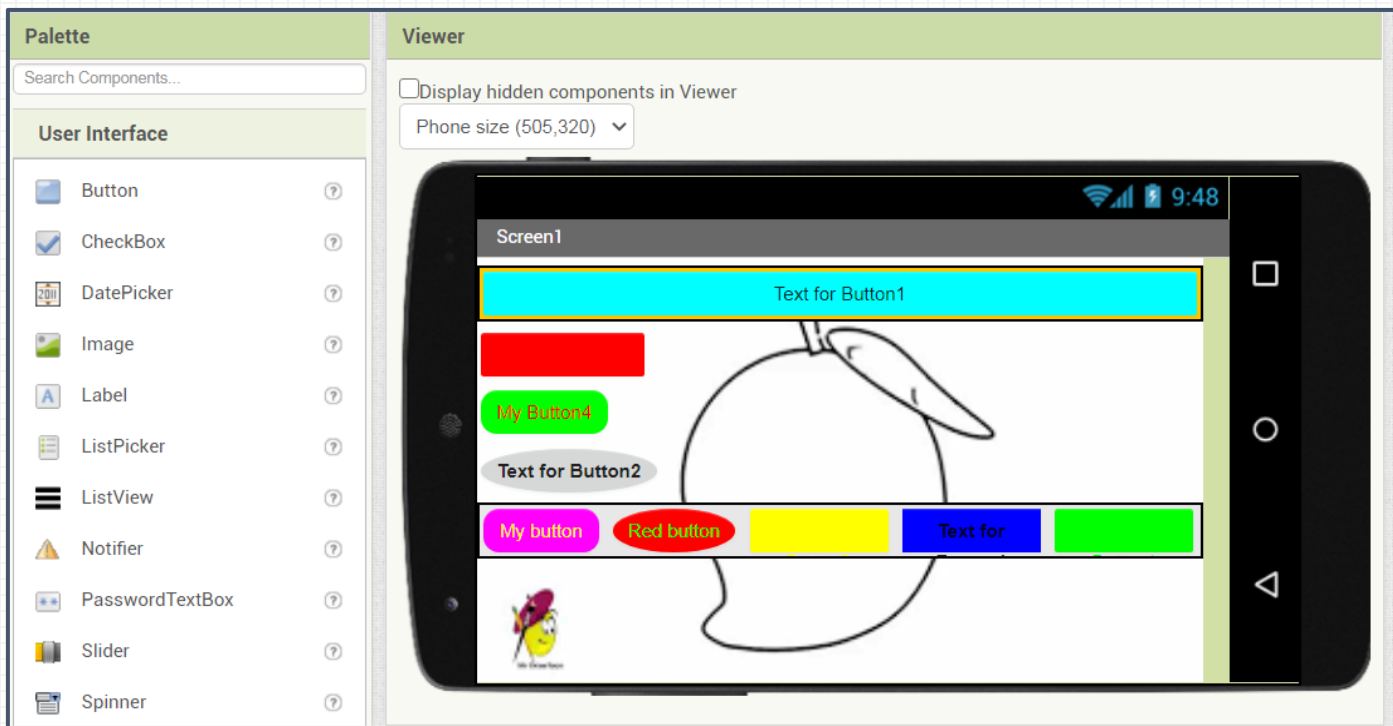


WRITE AN ARTICLE RELATED TO INTERNATIONAL ORGANIZATIONS ON GLOBAL TRENDS AND ISSUES IN EMPLOYMENT

GLOBAL EMPLOYMENT TRENDS AND ISSUES

The enormous challenges in the world of work – including racism, inequality and exclusions – make it more important than ever, to make a clear picture on youth employment, and its trends. This requires critical analysis on the adequacy of our methods and concept of service. We need to start questioning, whether the unemployment rates define the future of employment issues worldwide. We need to understand whether or not, people of working age are able to show their full potential in work.



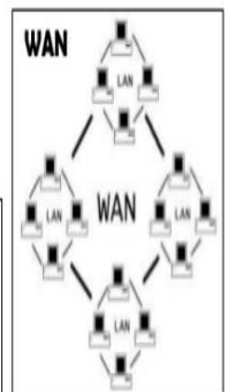
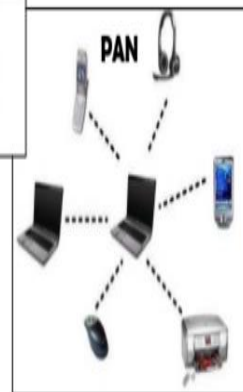
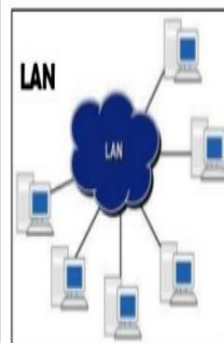


Class VIII - App Development using different components from MIT

Types Of Network:



- Local Area Network
- Wide Area Network
- Metropolitan Area Network



Class VI- Computer Networks

Coming Up...Next Month

DATE	DAY	EVENT	CLASS
Feb 3	Wednesday	Talking Titans	Classes VI to XII
Feb 20	Saturday	Theatre Day	Classes VI to XII
Feb 22	Monday	Term 2 Examinations begin	Classes VI to IX and XI

Event Links

Event links:

<https://www.thegaudium.com/gaudium-events/>

Our website:

<https://www.thegaudium.com/>

Learning blogs:

<https://www.thegaudium.com/the-learning-blogs/>

Facebook : For daily updates please like the page.

<https://www.facebook.com/thegaudiumschool/>

Sportopia registration link

<http://sportopia.thegaudium.com/pages/enquiries>

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