

WHITEFIELD GLOBAL SCHOOL SECONDARY SEGMENT | JANUARY EDITION 2022 Preparing Students For Future Global Leadership Roles

TABLE FOR CONTENTS

 Message From The HM Secondary's Desk A few pages from the English Department Special Assembly Let's see what the French department has planned 	01 02-05 06-09 10
 Mental Health is so important too! Something Patriotic from the Hindi Department 	11-12 13-15
 The Kannada Department has this for us!! Vaccination Drive Fun with Math! The Social studies department has this to 	16-17 18 19 20
show to all of us! The Budding WGS Scientists The Computer Wizards of WGS	21-23 24

The True Spirit of Republic Day

Greetings to everyone from WGS and wishing each one of my reader a happy, successful and joyous Republic Day as an empowered citizen of a young Nation!!

The dream of becoming an independent republic turned into reality on 26th January 1950 for India 73 years ago. The constitution that came into effect on this day gave Indian citizens the power to govern themselves by choosing their own government.

I have used the term "Young Nation" not only to emphasize that it has only been 73 years since we became a Republic, but also because as a Nation we have the largest population of young people in the world.

Certainly, the sustainability for economic growth and long-term development of every country rests on the young and prepared shoulders of the future generations to come. With more than half our population below the age of 25 and nearly three quarters below the age of 35, there is true value at the "Bottom of the Pyramid"

It is now our responsibility, as educators and parents to layer "Quantity with Quality" to this young minds. We at WGS make this happen with every session we take and every move we make. We are very thankful to our learners who have always made us proud with their never-ending energy and enthusiasm to learn and achieve. Let's keep this saga on by "GROWING OLD -STAYING YOUNG".



Till we meet again, stay safe.

Sincerely,

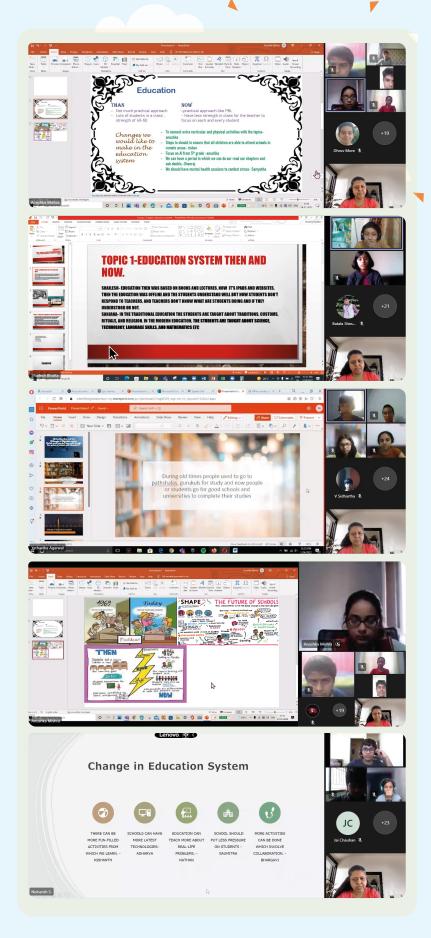
Ms. Arpita Tripathi H.M Secondary Whitefield Global School

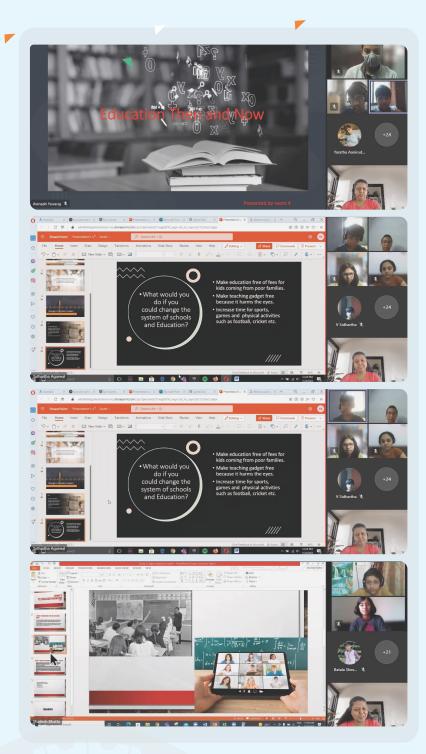


A FEW PAGES FROM THE ENGLISH DEPARTMENT

Grade VII | Activity | Changes Required in the Education system – Group Discussion and Presentation

Grade VII students were given the topic of suggesting five changes that they would like to see in the current education system. Along with it, they had to reflect upon the difference they found in the education they are receiving viz a viz the one that was imparted in their parents and ancient times. This activity helped them in realizing the advantage of receiving education in today's time with an emphasis on practical and skill-based learning, usage of technology and a large array of tools and referral material available for learning in a variety of ways. The activity helped students understand that every learner has a unique need and in today's scenario it was possible to learn as per their needs rather than a run of a mill route learning which has no charm and does not engage every child's mind. The suggestions given by students were highly creative and new age that went on to show the level of awareness young learners of today have.



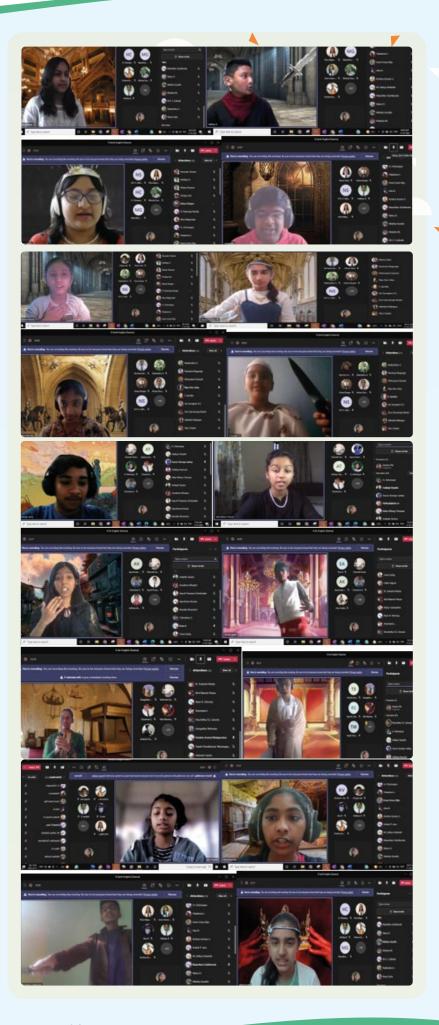


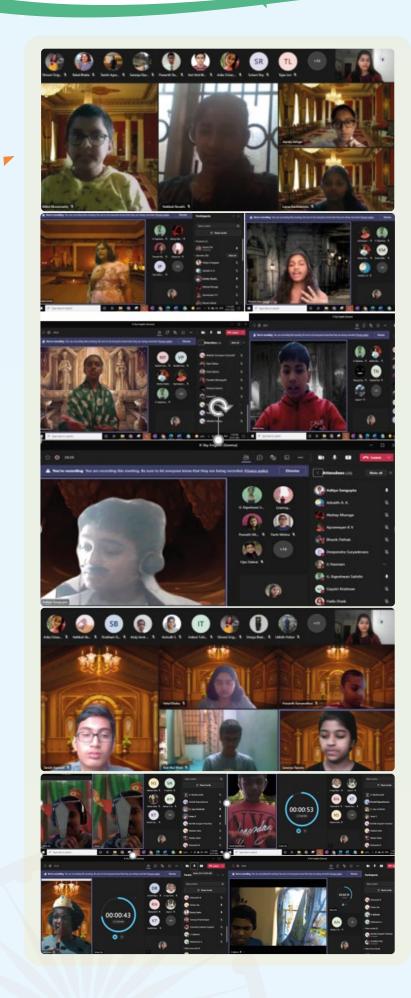


Grade VII | Activity | Changes Required in the Education system – Group Discussion and Presentation

Grade VIII | Role Play Activity (Macbeth)

Students of Grade VIII showcased their talent in the form of a role-play. The enactment of the characters like Macbeth and Lady Macbeth from one of the most famous Shakespearean tragedies - 'Macbeth' had filled our students with confidence and self-satisfaction. It was astounding to see students bringing out the grandeur of Shakespearean characters with ease and affluence. In the process, our students learned voice modulation, articulation and eloquence of speech, coherence in dialogue delivery and the inherent traits of the central characters of the play.







Grade VIII | Role Play Activity (Macbeth)

SPECIAL ASSEMBLY

National Youth Day

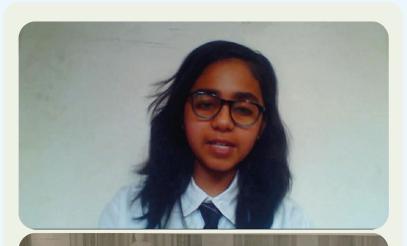
"Take risks in your life; if you win, you can lead! if you lose, you can guide!" - this quote by philosopher Swami Vivekananda is such an inspiring thought as the result of even a risky and uncertain act by an individual would never go for waste since he either emerges as a winner or would choose a different path for success but would never stop trying. Swami Vivekananda's life and teachings have encouraged millions across the world. A special assembly on National Youth Day was conducted by the middle segment Sapphire House of Whitefield Global School in virtual mode on 12/01/2022 to mark the birth anniversary of Swami Vivekananda. It was observed to acknowledge the efforts of Swami Vivekanand to inspire, guide and motivate youth to transform the fate of India through their hard work, dedication and spiritual power. He instilled basic values in youth through numerous messages during his lifetime.

The assembly started with an inspiring thought and word of the day followed by News. This was followed by a presentation on the history of National Youth Day and the accomplishments of Swami Vivekananda.

The Major highlight of the assembly was a skit by middle school students of Sapphire House showcasing a few incidents of Vivekananda's life that transpired his teachings to uplift the spirit of youth and inspire them.

Students enjoyed the assembly and were able to realize the ideals and teachings of Swami Vivekananda and are motivated to implement them in their lives for future leadership roles. The assembly was concluded with the National Anthem.















National Youth Day



Sankranti / Pongal

Whitefield Global School aims to create new vistas in education that imbibe in our children humanistic values, 21st-century skills and help prepare them for future global leadership roles. Our school takes accurate measures to incorporate the various cultural celebrations transcending the regional boundaries.

Sankranti/Pongal is one of the most famous Hindu festivals celebrated across the country. All the states across the country celebrate this auspicious festival in their own traditional ways. Pongal is the harvest festival of Tamil Nadu and one of the biggest festivals of the state. To celebrate this four-day-long festival which is observed by farmers during the harvest season, students of Whitefield Global School organized a special assembly on 13 January. The assembly was conducted by the students of Emerald house. Nishanth Varada (9 Light) and G.Shreya Rao (10 Fire) were the hosts. The program commenced at 8:15 with the prayer, followed by Thought for the day by Neha Changire (9 Light) and word of the day by Aadyasha Mahapatra (9 Light). B.Sandeep Kumar (10 Fire), Suhas Vasista (9 Sky), Kushagra Sagar (9 Light) and Rhea Dhanraj Suratkal (10 Fire) updated the audience with the current happenings around the world. G.B Yashawani (9 Air), Sameeksha Vallabhaneni (9 Sky) and Niharika Sankranti (9 Air) performed a skit that highlighted the significance of Pongal. It was very informative and interesting. The assembly became all the more colourful with a splendid dance performance by Maanasvi Giridhar (11 Science 2). The marvellous editing by Tanishraj Dora (10 Fire) and Rhea Dhanraj Suratkal (10 Fire) made the whole event a visual teat. The National Anthem was played at the end to mark the culmination.

The program overall was a very effective and fruitful event with the effective coordination between the students and the teachers in charge. This efficient teamwork acted as the bloodline to put together this wonderful program for the audience. The program was indeed a platform for the students to showcase their talents as well as to sharpen their skills.





LET'S SEE WHAT THE FRENCH DEPARTMENT HAS PLANNED

Grade VIII | Activity | Prepare and Write a Recipe

Students of Grade VIII did the activity "Preparez et Ecrivez une recette" activity as a part of their learning process. They had to prepare a simple recipe and write the recipe card for the same in French. Students came out with yummy and delicious recipes. Through this activity, they have enhanced their vocabulary skill.



Methode

- Mettez le farine d'avoine, le poudre de cacao et le cassonade dans une grande tasse.
- 2. Melangez avec une fourchette.
- 3. Mettez la beurre d'arachide,le lait, la buerre et la essence de vanille dans la tasse.
- 4. Melangez bien aven une fourchette.
- 5. Mettez quelques pépites de chocolat aussi.
- 6. Mettez la tasse dans le four microondes pour deux minutes
- 7. Attendez pour dix minutes et servez.



Recette De Pain Au Fromage





MENTAL HEALTH IS SO IMPORTANT TOO! Grade VIII | Activity | My Motivational Collage

Grade VIII students learned the concept of motivation and it is common to have a lack of motivation which could lead to an obstacle to reaching goals.

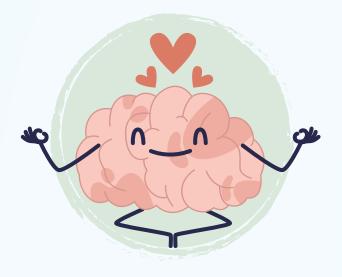
My Motivational Collage activity provides a visual representation of positive motivational factors to inspire the students to achieve set goals. This activity helped students:

- 1. To self-evaluate their various motivational factors
- 2. To Develop self-awareness
- 3. To Promote desire to achieve the set goal

Students were enthusiastic to explore what inspired them from the available resources. This activity also encouraged students to observe, identify and make a collage of their choice.







Grade VIII | Activity | My Motivational Collage

SOMETHING PATRIOTIC FROM THE HINDI DEPARTMENT

Hindi department this month took the baton of igniting the patriotic spirit and conducted an elaborate activity with the students to express themselves on the occasion of 73rd Republic Day through poems, posters and write-ups. What makes our hearts melt is how the students tried to put themselves in the shoes of a soldier and re-create the experiences. This exercise indeed adds a lot of respect for the soldiers and officers working tirelessly for the nation while also building the vocabulary, rhyming and lyrical skills of our students in Hindi.

उत्तरं यत्समुद्रस्य हमिाद्रेश्चैव दक्षणिम् । वर्षं तद्भारतं नाम भारती यत्र संतताः ॥

एक सैनकि अपने जीवन में देश की सुरक्षा को सर्वोच्च प्राथमकिता देता है । वह देश से उतना ही प्यार करता है जतिना वह अपनी माँ से करता है । वह हमें सखािता है क अपने जीवन का बलदिान करना एक कठनि कार्य है लेकनि वह राष्ट्र के लपि अपना जीवन देने को तैयार है । वह हमें देश-परेम की भावना से ओत-प्रोत होने का संदेश देता है ।

मेरा तरिंगा मेरा अभमािन, मेरे वतन की शान, तरिंगे की रक्षा में, कतिने ही सैनकिों ने कर दी, अपनी जान को कुर्बान । कश्मीर से कन्याकुमारी तक, होता जसिका गुणगान, गुजरात से अरुणाचल तक, गूंजे एक ही नारा, एक ही नाम, मेरा भारत 'महान' ।

-- यामकिा





सृजन

कर चले हम फदिा कर चले वे फदिा जानो-तन साथयों, अब हमारे हवाले वतन साथयों। भूकंप, बाढ़, आँधी तूफान से न डरेंगे, हमिालय का सरि कभी झुकने न देंगे।

सैनकिों की कुर्बानयिाँ न वीरान हों, त्याग के मार्ग पर डटे सब रहो । बाँध लो अपने सर पर कफ़न साथयोिं, अब हमारे हवाले वतन साथयोिं ।

-- अनंदतिा



शरतकि.

वी. अनन्या

पीयूष



सोहा

कर चले हम फुदिा कर चले वे फदिंग जानो-तन साथयों, अब हमारे हवाले वतन साथयों। भूकंप, बाढ़, आँधी तूफान से न डरेंगे, हमिालय का सरि कभी झुकने न देंगे ।

सैनकिों की कुर्बानयिाँ न वीरान हों, त्याग के मार्ग पर डटे सब रहो । बाँध लो अपने सर पर कफ़न साथयों, अब हमारे हवाले वतन साथयों ।

-- अनंदताि

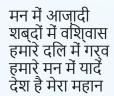
घर आँगन अपना छोड़ वह सीमा पर जाने वाला हैं। इक माँ का राजदुलारा अब दूजी माँ का 'रखवाला' है.....

जब-जब गोलयिाँ वीरों की छाती को छलनी करती हैं ।

सरहद पर मर-मटिने वाले देकर कतिने पैगाम गए । हाँ अपने खून की स्याही से वे लखिकर 'हदिस्तान' गए.....

-- अनन्या पांडा

अश्कों की जगह लहू से सारे हदि की आँखें भरती हैं...



-- ईरनि





यदि हम युद्ध को समाप्त नहीं करते हैं, तो युद्ध हमें समाप्त कर देगा



जदिगी- एक सैनकि की

जदिगी सभी पुराणयों को पुरयि होती है । इसे कोई ऐसे ही बेमतलब गँवाना नहीं चाहेगा । ऐसा रोगी जो ठीक नहीं हो सकता वह भी जीवन जीने की इच्छा करता है । जीवन की रक्षा करना अपनी सुरक्षा करना और उस जीवन को बनाए रखने के लएिं पुरकृतनिे सरिफ साधन ही उपलबध नहीं करवाएँ हैं बलक सिभी जीव-जंतुओं को उसे बनाने और बचाए रखने की भावना भी दी है । इसीलएि तो शांत-िपुरयि जीव भी अपनी जान बचाने के लएि हमला करने के लएि तैयार रहते हैं । लेकनि सैनकि का जीवन इसके वपिरीत होता है क्योंक सिनकि उस समय सीना तान कर खड़ा हो जाता है जब उसके जीवन पर नहीं बल्क दूसरों के जीवन और आजादी पर संकट आता है। जबक ऐसी सथतिमिं उसे पता होता है क दिसरों की आंजादी और जंदिगी भले ही बचीं रह सकती है परंतु उसकी जान जाने की संभावना सबसे अर्धोंक होती है।

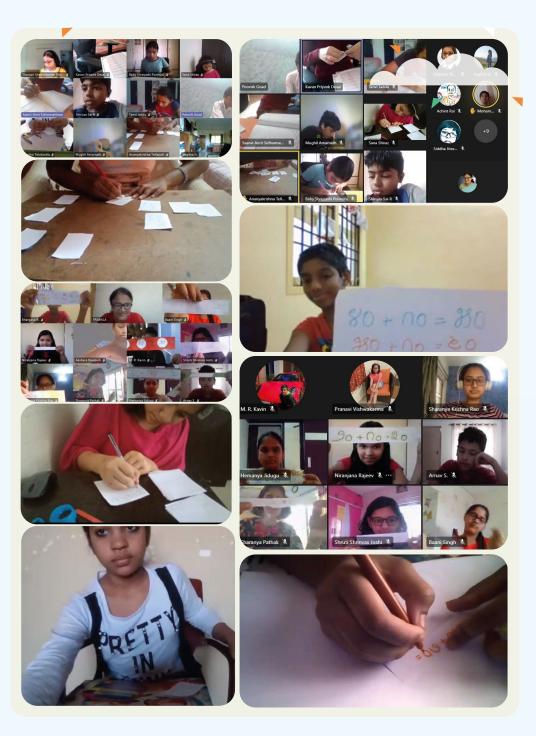
हर सैनकि के लपि मातृभूम कि सुरक्षा प्राथमकिता है। सैनकि नर्िस्वार्थ भाव से अपने करतव्यों का नरिवहन करते हैं और उनमें सम्मान, अनुशासन, दल-भावना, वफादारी और बहादुरी जैसे गुण होते हैं। वे राषट्र और जनता के लपि अपने प्राणों की आहुत दिते हैं। सैनकि दुनयिा में राषट्रों की रक्षा परणाली है। ये वे लोग हैं जो हम्मित से लोगों और राष्ट्र को वभिनि्न खतरों और दुश्मनों से बचाते हैं। वे देश का गौरव हैं। एक आदर्श सैनकि से अपेक्षा की जाती है कवि नर्िस्वार्थ अपने देश की सेवा करें और अपने देश के सम्मान के लपि अपने प्राणों की आहुत दिं। मैं ऐसी महान आत्माओं को सलाम करती हूँ।

-- गरमाि



THE KANNADA DEPARTMENT HAS THIS FOR US!! Grade VI | Language Lesson on Numbers

Grade VI had their Language lesson of Sampattu numbers activity done on 21st January 2022 wherein children learned about the Kannada ones, tens and hundreds through a poem. The activity helps the students remember the numbers since a poem recitation makes it easier and it does not even seem like learning mathematics concepts of Kannada and is rather done in a fun sing-song manner.



Grade VII | Masagalu | Months

The students of Grade VII explored the months of the Hindu calendar in Kannada and while learning about the same, they were also encouraged to identify and research more about the various festivals associated with each month and any special events that occur during the respective months. This activity makes the students strongly bonded with their roots and cultural heritage.

ಭಾರತ ೇಯ ಸಂಸಕೃತೆಯಲೆಲೆ ಮಾಸಗಳು ಮಹತವದ ಪಾತರ ವಹೆಸುತತವೆ. ಆ ತೆಂಗಳಿನಲೆಲೆ ಆಚರೆಸುವ ಹಚಬಗಳು ಮತತು ವೆಶ ೇಷ ದೆಗಳನನು ಮಕಕಳು ಮಾಸಗಳ ಮೂಲಕ ಸಂಶ ೋಧಿಸೆ, ತೆಳಿದು ಎಲೆಲಾ ಮಕಕಳಿಗೆ ವೆವರೆಸುವರು.



Vaccination Drive

WGS has always been at the forefront to champion health and safety and this time in our endeavour to strengthen public health and safety of our students, we organized a COVID-19 Vaccination drive on 11th January 2022 focusing on students of 15-18 years and in collaboration with Aster hospital. A total of 82 students participated.

The vaccination drive was successful and it was overwhelming to see the participation of students and parents in joining this drive to stand for creating resistance against COVID-19. Shout out to all the organizing members, teachers and collaborators! A special congratulations to all the students who got the vaccine for taking their first step towards better safety!

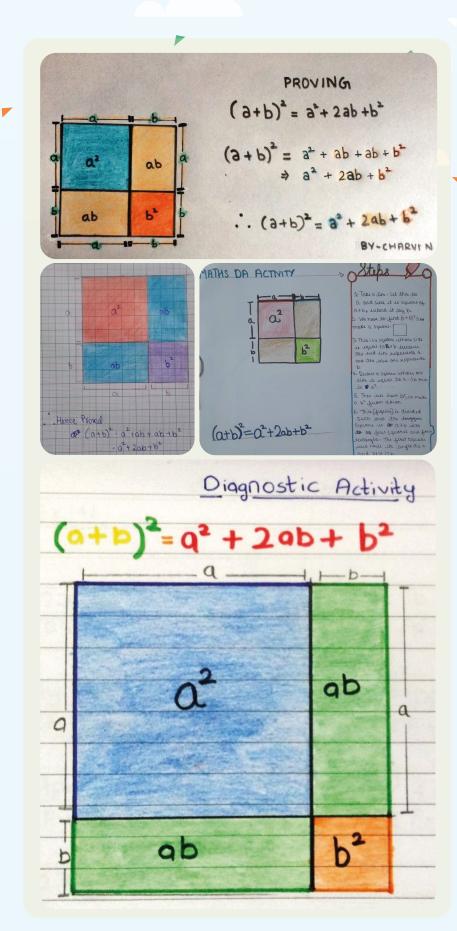


FUN WITH MATH! Grade VIII | Geometrical Representation of Identity

Algebra is an important life skill worth understanding well. It moves us beyond basic math and prepares us for statistics and calculus. Algebra is useful around the house and in analyzing information in the news. It also reinforces logical thinking and is beautiful.

The beauty of algebra is an optional benefit because one has to truly choose to enjoy it, but algebra provides us with a basic language to describe so many types of real-world phenomena from gravity to the population growth of rabbits. That five letters can be used to describe how an entire category of matter, namely ideal gases, behaves is amazing and beautiful in its simplicity. Algebra is a gateway to exploring the world around us.

The Grade VIII students underwent the activity of geometrical representation of identity wherein they learned how to represent algebraic expression geometrically and establish better relation between geometry, algebra and arithmetic.



THE SOCIAL STUDIES DEPARTMENT HAS THIS TO SHOW TO ALL OF US!

Grade VI | Fold Mountain Activity

Fold mountains are created where two or more of Earth's tectonic plates are pushed together. At these colliding, compressing boundaries, rocks and debris are warped and folded into rocky outcrops, hills, mountains, and entire mountain ranges. To explain how the movement changes on the face of the Earth's crust or how various landforms are created, an activity was performed by students of Grade 6 wherein the formation of fold mountains was demonstrated. The students were able to identify the various tectonic movements and their modus operandi. They were also able to analyze the reason behind the fold occurring on the Earth's surface and were able to illustrate the various forces applied on the Earth's surface and the reason behind the formation of landforms.







THE BUDDING WGS SCIENTISTS.... Grade VIII | Science Experiment of Sound Chapter

Children learn by doing. Hands-on science experiment encourages the children to DO something – observe, ask questions, touch, smell, experiment. Allowing children to really get into science gives them the chance to make discoveries on their own. Critical thinking skills are enhanced during such science activities. Grade 8 students were very enthusiastic to perform activities related to the sound chapter. They have done the following hands-on activities:

Singing glass- By rubbing along the glass rim with

- 1. your finger, you made the walls of the glass vibrate; you might even have felt the vibrations in your finger. when adding different amounts of water to the glass, you should have noticed that the pitch of the sound changed depending on the water level; the more water you add to the glass, the lower the pitch of the sound you hear. This is due to the fact that the water volume inside the glass makes it much heavier and therefore, it is more difficult for the glass walls to vibrate. That means that the sound wave generated by the vibrations is much slower or has a lower frequency. As the frequency of a note is correlated to its pitch, the pitch produced by the glass goes down as you add more water.
- Wind Chime- When you tap the nail, it vibrates and
- makes a sound. The longer nails vibrate slower and create a lower pitch while the shorter nails vibrate faster and have a high pitch. Soda straw oboe- An oboe makes sound by
- vibrations of two thin wood-like reeds. Shortening the length of your straw also shortens the length of the sound vibrations. Shorter vibrations make higher pitches.

Singing Straw- When you blow through the short

^{4.} part of the straw, air moves over the opening at the top of the long part of the straw. This air vibrates and causes the singing sound.

Wind Chine



WHAT'S HAPPENING: Long nails vibrate slower and have a lower pitch. Shorter nails vibrate faster and have a higher pitch.

MATERIALS REQUIRED:

- hanger 6 nails of
- different sizes
- thread/string

PROCEDURE:

Tie the nails to the hanger using the threads

BY: CHARVI N, 85KY



The glass vibrates to produce sound





OBSERVATION - Sound Produced In Glass 2 Was of higher pitch whereas in Glass 1 the sound produced will be of lower pitch



Grade VIII | Science Experiment of Sound chapter

WINE GLASS ACTIVITY

OBSERVATION: THE GLASS WITH LESS WATER WILL MAKE A HIGHER PITCHED SOUND. ON THE OTHER HAND, THE GLASS WITH MORE WATER WILL MAKE A LOWER PITCHED SOUND IN COMPARISON.



Grade X | Science Experiments

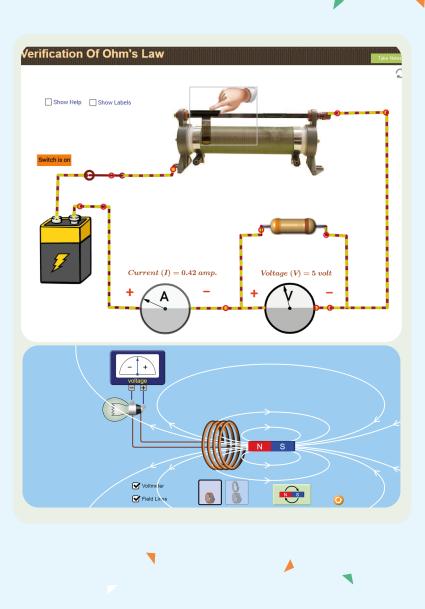
Activity 1- Explore the phenomenon of Electromagnetic induction using Phet simulation.

https://phet.colorado.edu/sims/html/farad ays-law/latest/faradays-law_en.html

- -- Students are able to explore and critically analyze the methods of inducing an electric current in a coil without connecting it to a battery.
 - Deduce the factors on which the
- -- strength of the induced current depends.
- -- Apply Fleming's left-hand rule to determine the direction of induced current knowing the direction of the magnetic field and the force acting on the conductor

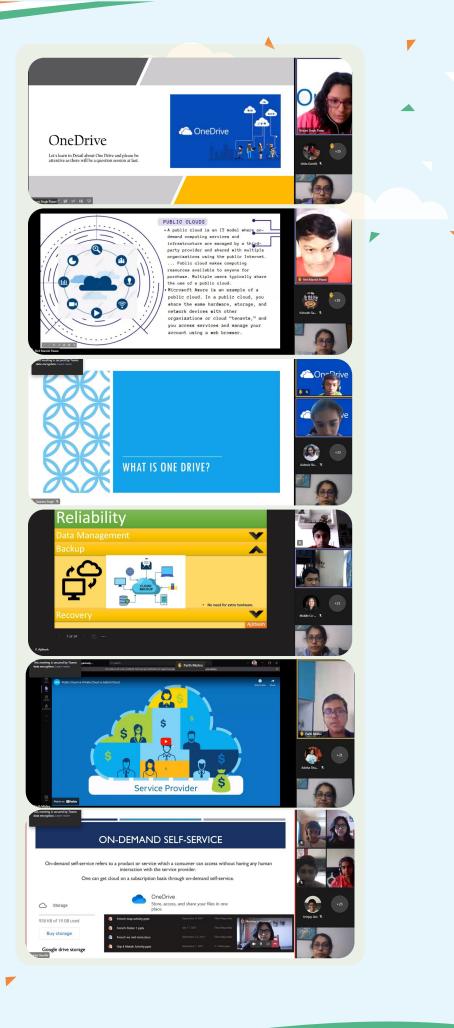
Activity 2 – Verification of Ohm's law using Olab simulation

- -- Students are able to link the concepts learned to the practical knowledge using simulation(GeoGebra).
- -- Promotes the use of critical and evaluative thinking.
- -- Develop an understanding of the use of a rheostat as a variable resistor.
- -- Observe and record the values of current with the change in the value of the potential difference.
- -- Plot a graph between potential difference and current.
- -- Calculate the resistance of an unknown resistor from the slope of the graph drawn.



THE COMPUTER WIZARDS OF WGS Grade VIII | The Flipped Classroom

Olden days of traditional learning are gone...It is an era of the blended learning model. With this thought, grade 8 students were asked to research on a trending topic of **Cloud Computing and teach** their peers in the classroom. The Teacher acted as a facilitator and students took on the teacher's role in the class. Students explained about cloud computing, its features, advantages, disadvantages, types of cloud. Variety of content delivery was used by them like presentations, games, quizzes and video lessons. They explored the topic in-depth and faced questions raised by their peers. This learning helps students to develop creative thinking, critical thinking, leadership qualities, teamwork, communication skills, work ethic, accountability and much more.





WHITEFIELD GLOBAL SCHOOL

KRS Garden, Channasandra Main Road, Near Hope farm Circle, Whitefield, Bangalore 560066

Visit us at www.wgs-cet.in

For Admissions/Office Queries office@wgs-cet.in, enquiry@wgs-cet.in

Call Us at 080-28453443

ABOUT US

Whitefield Global School "WGS", an Institution of Chalasani Education Trust, is totally committed to imparting holistic education to the children and turn them into responsible global citizens for the future.

The School is situated on a picturesque 2.5 acre of land, free from both noise and air pollution, and is within the close proximity of IT Corridor and major corporates. Our aim of running the academic Institution is based on our reverence for the Mission of Education.

We aim to provide quality education using a fine blend of modern techniques with the time tested ideas and methods, with every forth coming moment inspiring us to do better than the one passed.

We enable each student to realize his/her potential by providing them an institutional culture, characterized by dynamic implementation of the curriculum, augmented by a huge variety of co-curricular and extra curricular activities with highly individualized mentoring. Thereby turning the facility into a great opportunity for personality enrichment and inculcating life-oriented skills, values and competencies, much needed for employability and entrepreneurial initiatives.

OUR VISION AND MISSION

Whitefield Global School aims to create new vistas in education that imbibes in our children humanistic values, 21st century skills and help prepare them for future global leadership roles.

WGS will achieve this by galvanizing and continually nurturing our entire teaching-learning systems, processes and people to create opportunities for our children to experiment, experience and enjoy lifelong learning beyond classrooms and text books.