## NOVEMBER 2020 | ISSUE 07

# **UIS NEWSLETTER**

THE OFFICIAL NEWSLETTER OF GEMS UNITED INDIAN SCHOOL

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## Jingles mellow in my ear, as cold winds wrap the year!

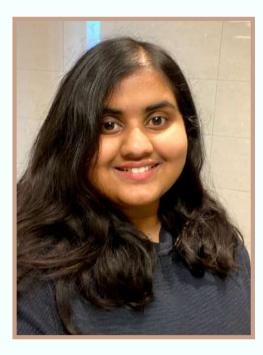
As this year ends, the zeal of the festive season fills our hearts with joy!

The newsletter season, with this edition, comes to a halt for this year.

This year came about with its unforeseen events, however, we can never overrule the gift of virtual education.

The newsletters of this year have been a cumulation of experimenting and learning. We will continue framing beautiful newsletters from the start of next year, and until then, here's wishing everyone a beautiful festive season!

## **Meet the Newsletter Team!**



**Candace Sara Ciju Creative Director** 



Michelle Ana Mathew Senior Editor



Shaziya Abdul Senior Writer



Lakshmi Sanjay Senior Writer

## <u>Message from the Principal</u>



#### Dear UIS Fraternity,

We have now reached the end of the calendar year 2020. I would like to measure the significance of this year in the form of strengths we gained due to the pandemic. This year has taught us to demonstrate our resolve to fight the invisible enemy with grit and determination My heart goes out to all the families that were affected in many ways due to this diabolical situation.

The fact that we are up and about and continue to survive the worst of times makes each one of us a strong warrior. I would like to salute the medical staff for their selfless service to humanity and the education providers for keeping our young learners carry on learning although from remote access.

We have now learnt new tricks and tamed technology to serve us better. We will carry this new learning into the future and use technology to cross new paradigms of learning. Come Jan 21, the option to come back to school is wide open. We will successfully adopt blended learning approach to meet the needs of all learners. Our teachers are constantly learning new ways and methods of imparting education. Our students are fully geared to stay on top of all kinds of situations. We have the resolve to overcome and we shall overcome with support and cooperation from each one of you.

"United we stand for UIS,

Together, we win for UIS!"

Wish you all Merry Christmas and a happy New Year!

Warm Regards, K. George Mathew Principal/CEO

## <u>Message from the Vice Principal</u>



#### Dear Valued Students and Parents,

Season's greetings to each of you!

As we turn the last page on the calendar for 2020, while the pandemic brought forth some serious challenges, it has been a delight to see how the GEMS UIS family has coped with these challenges. A million thanks to all the teachers who have worked tirelessly and continue to upskill themselves in continuous professional development even as I type this message.

Learning is a culture at GEMS UIS and our dynamic Principal – Mr K. George Mathew who always refers to himself as a learner first, exemplifies this. We all follow suit and try to keep up!

A special shout out to all our parents for their confidence in us and to our students who proved that they love learning and nothing can stop high quality learning at GEMS UIS!

In this newsletter, you will have a birds-eye view on the success our students have had in some of the most prestigious inter-school events across UAE. Our fantastic students with some outstanding guidance have been able to come on top of all their competition in all events we participated. The pandemic did not dampen our spirits and we went online with our signature Art and Hindi interschool event which was flawlessly executed and had the maximum participation till date. Way to go Team UIS!

Simply getting to this point in the academic year has been exciting and with schools opening doors to all students in January, the journey is about to get more interesting. The safe teaching-learning environment in GEMS UIS is something that could only have been achieved with an aligned and vigilant community. The ability to create the substantial extra value that characterizes our school in the current pandemic, without compromising safety, is remarkable indeed.

Finally, as families across UAE enjoy the dipping temperatures, please be sure to follow safety protocols at all times and if in contact with any Covid positive case, follow guidelines shared by the Principal's Office and inform the relevant school authorities. I wish you all a very restful and very safe winter break. We cannot wait to see you in class in 2021!

Shaikh Murad Sarfraz Vice-Principal GEMS United Indian School

## **Message from the Senior Supervisors**





#### Dear Valued Parents,

As we are nearing the final days of the tumultuous year 2020, we extend our appreciation to our UIS families who worked closely and partnered with our staff in providing our students with the best opportunities to continue their learning in an online platform, from the comfort and safety of their homes. We truly could not have accomplished our tasks without your support and dedication. Our students have been exposed to many unique learning opportunities and our hope is that distance learning has instilled in them the importance of valuing learning wherever it takes place in life.

We would like to wish each and every member of our school community the peace, happiness and joy in this Christmas season. Take care and we look forward to the opportunity to be together again when the school reopens.

Wishing you all a Merry Christmas and a Prosperous New year 2021.

Warm Regards, Senior Supervisors Mrs. Sunitha Nambiar & Mr. K. Joseph

## <u>Interview with Ms. Mariam Khadeeja</u>



Mr. Saijo Saji Thomas Vice President of Teacher Internship of GUIS interviews Ms. Mariam Khadeeja, the Grade 12 CBSE School Topper

Saijo: How do you feel about acing the 12th Grade Board Exams? What percentage were you expecting?
Mariam: I feel relieved, absolutely grateful and content that it's over. I was expecting my score to be in the 80s range.
Saijo: To whom do you credit for your achievement?

**Mariam:** My teachers' and the support of my friends kept me driven and motivated. **Saijo:** Did you use technology in preparing for the Board Examination? **Mariam:** Yes, I used online sample papers and solutions to questions from textbook.

Saijo: How did you resolve your doubts and ambiguities?

**Mariam:** By calling my teachers and friends first hand.

Saijo: How many hours did you devote to studying in a day?

Mariam: Almost 10 hours

Saijo: On getting the mark sheet, what was your reaction?

Mariam: Absolute shock, excitement and gratefulness.

**Saijo:** Could you please elaborate on how you managed your time efficiently, prepping yourself for the Boards?

Mariam: I kept an equal balance of leisure and studying so as to not exhaust myself. 3-4 hours of studying, 30 mins to 1 hour of phone time and tv and repeat. Saijo: "There are no shortcuts to success." Do you agree or disagree with this statement?

**Mariam:** I agree! Hard work reaps success, no one becomes successful overnight, you need to put in the work.

Saijo: Were you tensed while answering the Board Paper?

**Mariam:** I was definitely tensed but kept my calm, the tension helped keep me focused and the calm kept me at ease.

**Saijo:** Finally, what advice would you give to those students facing the Board Exam this year?

**Mariam:** My advice is to study hard, but keep a good balance of leisure time as well so your brain is well exercised to study and not exhausted. You've to allow time for yourself to relax and not just spend time solely studying but, the ratio of studying to leisure time should obviously be more.

### Innovation of the year: Covi-Gilant



Tirumala Tejas of Grade 9B1 has created the Covi-Gilant which is an AI based innovation using a people density detection system to regulate and encourage social distancing and to prevent spread of COVID - 19.

As we all notice in the recent past, the surge in COVID cases, some say it as second wave. If we dig in to the new cases for many countries, we can notice a "V" shape pattern, which clearly suggest that the later increase of new cases is due to not following "social distance" measures.

The studies showed that Social and physical distancing measures with appropriate protection (Mask and Sanitization) aim to slow the spread of disease by stopping chains of transmission of COVID-19 and preventing new ones. This inspired me to think something out of the box and to focus on using Artificial Intelligence (AI) based real-time social distancing detection and warning system technology to prevent the spread of COVID-19.

#### Key Features of the Model:

- Using a Vision-Based technology (CCTV/Infrared Cameras) with integrated AIbased active surveillance system for sending visual/audio cues when a social distancing breach is detected.
- Using critical social density detection system to measure the clusters of the crowd, which is considered as critical.
- Centralized monitoring system with triggers based on geo tagging.





## <u>GUIS Celebrates India's 71st</u> <u>Constitution Day</u>



GUIS proudly celebrated 71st Constitutional Day of India (26th Nov 2020) this Thursday. The students read the Indian Preamble aloud on 26th Nov in class by standing up and extending their right hand forward, taking the pledge. The important part of the celebrations is the reading of the Preamble to the Constitution and reaffirming our commitment to uphold its ideologies. Jai Hind!

## <u> UIS Creations - Virtual Science</u>

## Exhibition 2020



There are no dreams too large, no innovation unimaginable and no frontiers beyond the reach of the young innovators of GEMS United Indian School. On November 16, 2020, students of grade 6 to 12 showcased their scientific skill in the virtual platform "UIS –CREATIONS 2020" in the form of still models, working models, engineering designs or innovation. The COVIGILANT – An AI based people density detection system, SENTINEL-an Automated Home Security and Guardian system, GAUSS RIFLE – a magnetic accelerator, Object Distance Sensor, AGRIBOT- an agricultural robot etc were some of the innovative ideas exhibited. The judges interacted with the participants and appreciated their scientific fervor and attitude of research mindedness and qualities of analytical and critical thinking.

## **Interhouse Science Symposium**



GEMS UIS students believe that when nothing feels possible. There is always a way!

A science symposium was organized by GEMS United Indian School on 17th November 2020, on the topic "Research and Development on vaccines and therapeutic agents for Covid-19". The students participated enthusiastically and had immense data to share and support their views. Students who are normally fascinated and engrossed in different types of gadgets, researched and presented valuable points highlighting the effects of vaccine. The intellect expressed by the students was definitely worth a watch. The panel of judges, Mr. Yogesh Kadam, Ms. Surayya and Ms. Indravati Pandey expressed their sincere remarks and encouraged the students. In this activity Jupiter house stood 1st, Mars House grabbed the 2nd position while Neptune stood 3rd position.

### **Interhouse Malayalam Speech Competition**



The Malayalam department of GEMS United Indian School conducted the Malayalam Speech Competition for Classes 6 to 11, on 14th November, 2020. This is done annually, in an attempt to promote Malayalam speaking skills, in terms of pronunciation, delivery, and voice modulation, and to develop Malayalam in its spoken form. The participants were divided into two categories - category 1 (Grades 6 and 7) and category 2 (Grades 8 – 10). The topic for category 1 was: Importance of Learning Mother Tongue and for Category 2 students: Exploitation of Natural Resources-Will it Lead to Human Extinction? All the participants performed exceptionally well, winning accolades for their houses. The competition gave a lot of encouragement and confidence to the performers and to all the students present there. The young and gifted orators had won the hearts of the judges, who were overwhelmed by their oratory skills and preparation. This was followed by the announcing of the winners, amidst thunderous applaud.

## **Interhouse VOCALISE Competition**



10th December, a day that is commemorated as Human Rights Day all over the world, the Social Studies and Commerce Department of GUIS celebrated Human Rights uniquely through Vocalize 2020. An event where 12 proficient students poured their hearts out on various pertinent issues. Judged by two gifted mothers, the students showcased their ability to speak with conviction and express their views on the impact of Human Rights on each person's life. The judges were thoroughly impressed with the amount of research engaged in by the students and the manner in which they articulated their thoughts passionately going by the tag line for the event - GET UP! STAND UP! VOCALIZE YOUR RIGHTS! Candace Ciju from grade 11 and Pranav Krishnan of class 9 bagged first place, followed by the first runner up Furaiz Shah and second runner up Deepshika Karkera from class 8. The confidence, persuasion and fervor with which the young activists vocalized their thoughts truly made this event enriching and memorable.

## <u>Star Kids!</u>



#### Dev Jubin - 8B3

- Won first position in the Schools open chess competition organized by the MINISTRY OF YOUTH AND CULTURE UAE in the month of October.
- Won the 3rd position in the Inter school Chess competition organized by GEMS Winchester, in the age group of 13 to 18 years old in the month of November.



#### Candace Sara Ciju-11G2

- Secured 2nd Runner Up in the 1st Dr APJ Abdul Kalam National Debating Championship in November 2020 organised by MANCH, India's first National Speakers Assembly. More than 50 participants from all over India participated, from university students to even Professionals!
- She has won the 'Verbal Mention' in the International NITC MUN, organised by National Institute of Calicut, where around 50 participants from all over the world took part in November 2020!
- Also won 'Best Delegation' and 'Best Drafted Resolution' in the School 'Conference of Parties' Expo (SCOPE) 2020- Climate Action Delegation in October 2020.

#### Parth Dinil - 9B1

- Best Delegation and Best Drafted Resolution in the School 'Conference of Parties' Expo (SCOPE) 2020- Climate Action Delegation.
- UNICEF Voices of Youth-Blog.
- Quote display at UNICEF Croatia Exhibition.



#### Jayajothi Kumar - 11G1

• Selected for the Slingcubator Internship Program conducted by SLINGSHOT. Technical Preparation done by Jayajothi includes Algorithmic Complexity, Arrays, Stacks and Queues, Sorting, Searching, Hash-tables and Maps, Leetcode, Cracking the Coding Interview.



#### **TEJAS PENUGONDA - 9B1**

- Selected as the Global Innovation Challenge Finalist from GEMS United Indian School and represented the school in the Global Innovation Challenge.
- Selected to represent the school in the NCSE Science Fair.
- Bagged 1st Trophy in Team Challenge, Champion Team and Team Bowl. Won 4th Gold in Team Writing and 2nd Gold in Team Debate and Silver in Writing Championship in the 2019 World Scholar's Cup (Regional Round)



#### Rithik Menon - 9B3

- Represented the school at the Poetry recitation competition during Emirates Festival of Science & Literature. Combining an exclusive array of literary debates, and discussions led by famous local and international authors, this is one of the most prominent international literary festivals in the world.
- Was a member of the team, which presented a Seminar on Zero Emission day.



#### Michelle Ana Mathew - 11G1

- Best Delegation and Best Drafted Resolution in the School 'Conference of Parties' Expo (SCOPE) 2020- Climate Action Delegation.
- Secured the Best Speaker Award in the 21st Annual Inter-School Debate Competition organized by GEMS Our Own Indian School, Dubain association with the Consulate General of India, Dubai, on Thursday, October 1st 2020 on a virtual platform.



#### Abel George - 10B2

- Aura MUN; Committee: UNSC; Award: Special Mention
- Global Justice MUN; Committee: HCC; Award: Honorable Mention
- Youth International Summit; Committee: IP; Award: Exemplary Journalist
- OMUN; Committee: International Affairs Dialogue; Award: Badge for Active Participation



#### Pranav Rajesh Krishnan - 9B2

- Qualified for National Round in KenKen International Championship for year 2020.
- Secured National Rank 141st and got Silver Medal and Certificate of achievement for National level for KenKen International Championship for year 2019.
- Won the Asset Talent Search Gold Scholar Certificate for the excellent performance in the ASSET Talent Search exam in 2019.



#### Rithwik Ponnana - 8B1

ASSET Talent Search Examination 2019 - Gold Scholar Certificate. This is a competitive examination held for school students in different age groups for Mathematics, Science & English. He achieved 98 percentile in Mathematics and was ranked among the top 50 students in the UAE.



#### Sainath Manikandan - 8B1

- Innovator of Marine Robot Cleaner, Agribot and MAHLI bot.
- Pride of Abu Dhabi Award Special Recognition Award.
- Prestigious Diana Award winner.
- Environment Education winner.
- UNEP Hidden Eco Hero Award finalist.
- John Muir Youth conservation award.
- Invited for UN Youth Climate Summit.

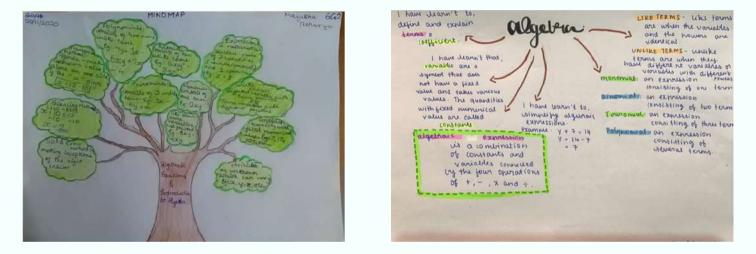


#### Issam Iqbal-10B2

- Won 3rd Place in the KCLAS Virtual Quiz on 14th July 2020.
- Scored 95% in the French E-Quiz organised by the Holy Cross College, Nagercoil on 8th June 2020.
- Scored 90% in the Online French Quiz organised by the Pondicherry University on 29th June 2020.
- Won 2nd Place in the Online Brown Belt championship on 11th September 2020.

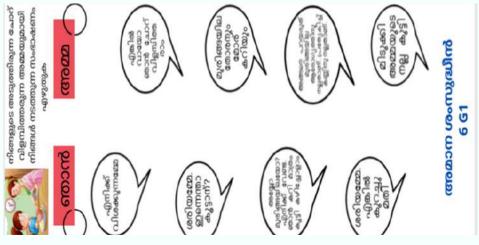
## GRADE 6 MATH

The students learned various concepts associated with the topics: Algebraic Expressions, Algebraic Equations & its real-life applications. There after which they summarized and reflected their understanding & learning through creative mind-maps, concept maps, etc.



## MALAYALAM

Students of grade 6 learned about various expressions of thoughts and speech to help increase their vocabulary and conversation.



## SCIENCE

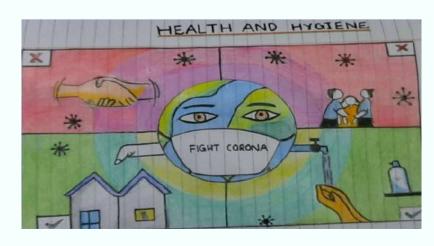
Students of grade 6 investigated and experimented a variety of science concepts and drew conclusions based on their observations. Students explored topics like osmosis, components of white light, reactions between acids and bases etc and related their learning to real life.





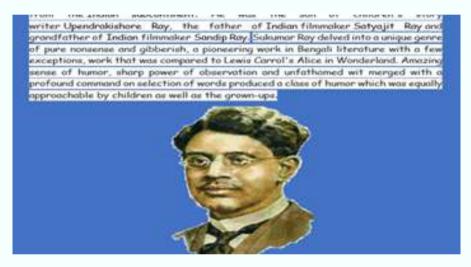
## SST

In the ongoing week of e-learning students of Grade 6 learnt about Urban Administration through activities and real life application of the same. Students reflected their concept by creating posters on Health and Hygiene, flow chart on levels of government, mind map on functions of Municipal Corporation and cross word on Urban Administration.



## ENGLISH

In this month, Grade 6 students performed a wide range of activities in English Literature that helped contribute a fun aspect to learning. It included starter questions, comic strips, venn diagrams, mind maps and research on the poets. These tasks and activities have helped students understand he text explicitly, while giving them the opportunity to explore and gain a more hands on creative learning experience.



## HINDI

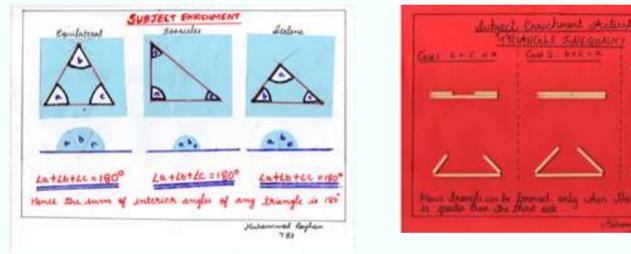
प्रकृतिक संप्रदाओं की जानकारी देते हुए छात्रों का पी.पी.टी प्रदर्शन कैमरा को बेचने के लिए छात्रों द्वारा बनाए गए विज्ञापन



# **GRADE 7**

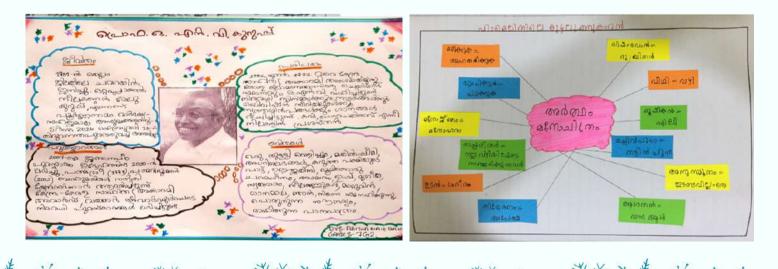
## MATH

In the month of November, Grade 7 students were introduced to additional properties of triangles and their proofs. The students did hands on activity to check the frequently used angle sum property of triangle, exterior angle properties, triangle inequality property, and Pythagoras theorem, which helped them to understand better and apply them in their real life scenario.



## MALAYALAM

Students learned about the different poets using mind maps, flow charts and posters. New vocabulary words were also learned.



## SCIENCE

Grade 7 Students learnt the various concepts of *PHYSICAL AND CHEMICAL CHANGES* through activities and real life applications. They designed crossword puzzles and reflected their concept using Frayer's Models and Mind maps.

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### SST

In the ongoing week of e-learning students of Grade 7 learnt about THE HYDROSPHERE and THE INTERIOR OF THE EARTH, they made posters and videos to throw light on the issue and importance of saving water, researched on the Indian Ocean Tsunami 2004, learnt about the formation of rocks with the help of the Rock Cycle that helped facilitate a creative side to learning.



## ENGLISH

"English starters are energy boosters; it brightens the learning ability and encourages our focus on the concept," said GUIS Grade 7 students. This month, seventh-graders experienced a different array of starter activities that catered to students' abilities, learning styles, and interests. 'I SEE... I WONDER... I ASK...' is the simple critical-viewing strategy that aided to occupy them profoundly and perform pensive analysis.

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### HINDI

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# **GRADE 8**

## MATH

The students of grade 8 shared their views during a brainstorming session based on the concept of Surface areas and volumes used in real life scenarios using PADLET application. There after created a formula sheet to remember the various formulae learned in this chapter.





## SCIENCE

Students of grade 8 experimented with microorganisms present in their kitchen with the help of parents and concluded that microorganisms are a Friend and Foe in real life.



## SST

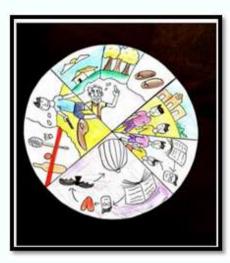
In the this week of e-learning students of Grade 8 learnt the Revolt of 1857 through activities and the real life application of the same. Students designed a chart depicting the course, failure and the consequences of the Revolt. Students reflected their concept using frayer's model and pamphlet designing.

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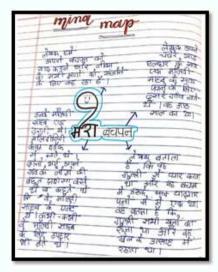


## HINDI

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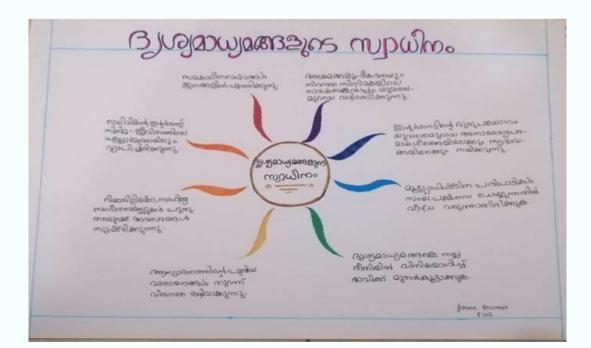






## MALAYALAM

Students learned about popular writers in Malayalam and proverbs through mind map, essay writing and brief descriptions.



# **GRADE 9**

## MATH

Students explored and verified the Mid- Point theorem of triangles by doing a hands-on activity. Based on the lab activity students expressed their observations and concluded that the line joining the mid points of any two sides of a triangle is parallel to the third side and the length of it is half of the third side.

Adurty ADA - To verify the midpenst theorem MID POINT THEORM MATLEMAN Protector, Triangle cut out, Pinel, Pen, reale. Aim: To understand Wently mild polat Theown Procipius -" First, draw a triangle ABE of any measure and mark the mid point of AB and AS as Mandol Materials: Samas, pener, pen, capus papes, cal mens and south Jerm M and N Measure anglise Meanon Mr. and BC. Rhocedune - amou a triange ABC of any marine BCT . 14 cm manth the mappent of AB at H and IANDE LABE + 60" MN Tem AC OF M. PROTTAN BURNESS It is observed that the line segment the which was obtained by joining the two medbants a parallel to the line signed BC The measure of \$FTM is also half the measure of line regreent BC - Jan Mand N - Pongle RMAN = 505" and ongle ABR= 5. - line MN = 14 Bios and the BC = 23 5-Obsenvallen .. MN & the half of BC LAMN and LABE are open neraley it is proved TRIANGLE CUTOUT 60. TESM B 60-14 CANS -

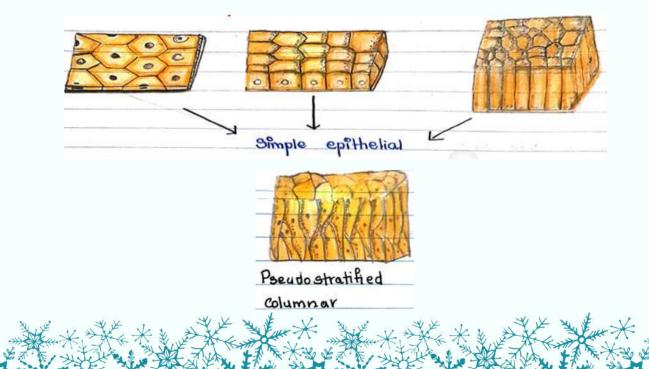
## PHYSICS

In the month of November, Grade 9 learned various concepts associated with the topic *GRAVITATION & WORK AND ENERGY* through videos, discussions, real life applications and activities. Students summarised their learning through mind-maps, flow charts, concept maps etc.



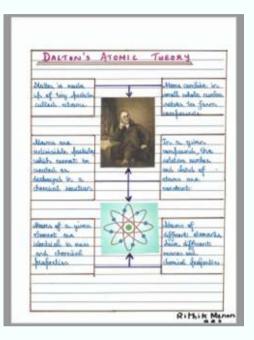
## BIOLOGY

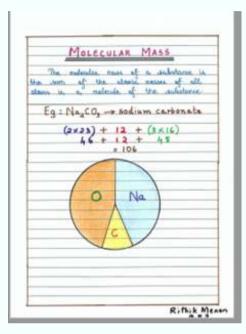
Students learned structures and functions of different animal tissues with the help of diagrams and mind maps.



## CHEMISTRY

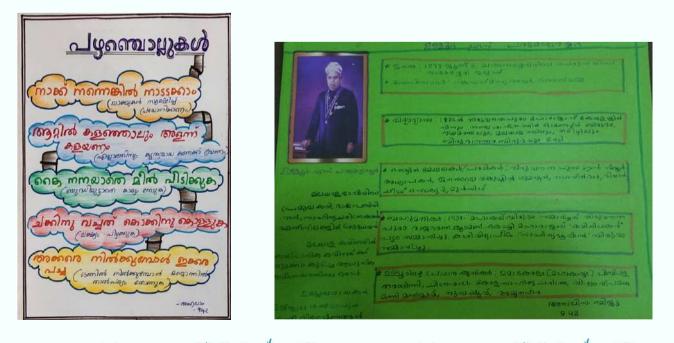
Students explored the journey of atoms and molecules in Chemistry. They reflected their understanding of the topic with the help of concept maps and flow charts.





## MALAYALAM

Students learned about popular writers in Malayalam and proverbs through mind map, essay writing and brief descriptions.



## ENGLISH

The grade 9 students were asked to make posters by hand using the online applications called, Canva, or make a poster based on the importance of trees in real life. All the students came up with beautiful posters and depicted the themes intensely within it.

GREENARY IS A PRECIOUS JEWEL



LET US CARVE TO KEEP IT ALL WELL