

At GEMS Millennium School, Sharjah technology and innovation are woven into all subject areas across the school, as appropriate for each age group, to augment learning and allow students to create, design, and access information in new ways.

As the next generation of leaders, designers, and builders, our students must understand how digital and physical objects interact in our world to help build effective problem-solving skills, develop creativity, and prepare them for success now and in the future. One of the many ways our students do this is by building their skills in new technologies and strengthening their invention literacy.



"Being invention literate means being able to look at the world around you, think about how things work, and imagine how they might work differently," says Jay Silver, the co-creator of Makey Makey, an invention kit for the 21st century that helps students develop the ability to "read and write" (understand and create) human-made stuff. "When students put on the hat of an inventor, they can read the world in new ways and feel confident about how they could re-invent it. Students can hone their invention literary skills by researching, tinkering, and creating their own inventions."

An excellent example was Innovista. The students designed and constructed. Their ingenuity was visible across all areas of the school curriculum. Using the design process and engineering skills, they generated ideas, built and tested models, and create solutions to important problems.

Students also accessed a variety of coding tools, including Scratch, a programming language, to create their own interactive stories, animations, and games. Micro-controllers when paired with creative learning activities can guide students through the learning process of developing computational thinking skills; analyzing computer applications around them based on a meaningful issue; prototyping a project that reflects the result of the analysis plus their passions; and communicating about their projects.

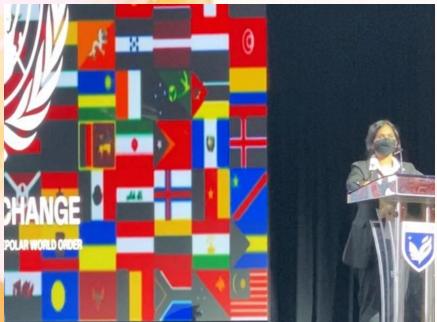
Students worked individually and as teams on the games that they designed, collaborated with other students to obtain feedback on how to modify and refine their games, and design a controller. This helped them understand the importance of feedback as they designed and created it.

To explore physical computing, students use small robotics and circuitry tools to make connections between their code and the physical world, including creating bubble machines, moving sculptures, robots, and more. There are many physical devices that our students use to support their learning programming, including Makey-Makey, Sphero, Cubelets, Zumi, Micro:bit, Raspberry Pi and Arduino, which are more advanced. Our classes are often about asking good questions. As students create for the digital world with coding, we need to empower them with the tools to fully explore how what they create can impact the world. These tools often involve an understanding of electricity and engineering. With physical computing, we allow students to ask hard questions, envision solutions, and then give them the tools to make their vision a reality.

To know more about the wonderful world of discovery, exploration, and creation that our students are exposed to regularly, log into the dynamic innovation website created by our students: www.gemsinnovista.com

BELIEVE BIGGER AIM HIGHER







Andria Vinod of Grade 11G1 won the 'Best Delegate Award' in the GMA MUN Conference held on October 14th, 15th and 16th. She represented the Democratic People's Republic of Korea in the United Nations Security Council where the agenda was on the topic 'Evaluating the issue of the conflict in Russia and Ukraine with regards to recent economic, political and military developments.



DEDICATION + MOTIVATION = SUCCESS







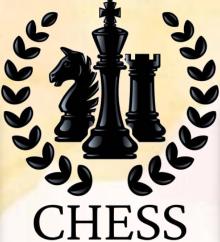


Our boys participated at the Chairman's Trophy Interschool Table Tennis Championship 2022 on October 27, 2022 at India International School, Sharjah. They played in the under 14 category. **Srinath Shanmugam** of 8B2, **Jivitesh Subramani** of 7B1 and **Abdul Mannan Siraj** of 8B2 bagged the **1st runner up—Silver Medal** for the school.

Congratulations to the entire team!

MAKING EVERY GAME A WINNING MOMENT







Cotgratulations!



GMS hosted the '2nd GMS Inter School Online Chess Championship -2022.' 71 schools -603 students participated in this mega event.

Overall champion Boys: Delhi Private School, Sharjah with 24 Points

Overall champion Girls: Indian School, Muscat, Sultanate of Oman with 30 Points

In Under 7 Boys category, Syed Arsh Imran Mustag of Gr 2B won the 2nd Place (Silver Medal)

In Under 11 Girls category, Priyanka Gopinath of Gr 5G won the 3rd Place (Bronze Medal)

We are so proud of you!



A TEAM ABOVE ALL- ABOVE ALL A TEAM







The Inter School 4 X 100 mts Invitational Relay Competition organized by Our Own English High School, Sharjah Boy's Branch was held on Thursday, October 27, 2022. In the 4 x 100 mts relay (Category Under 19 Boys) GMS bagged the 3rd Position, winning the

Bronze Medal!

Our Athletes were-

Mahammad Sadiq Sayyed - 12B2
Krithik Rahul - 11B2
Immaneual Sampath - 11B1
Muhasib Thalhat - 10B
Adwaydh Vinesh Menon - 9B2



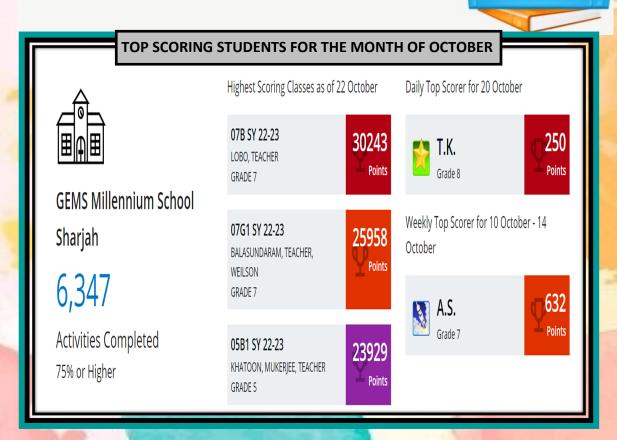
TODAY A READER TOMORROW A LEADER

Reading allows us to be transported from our own world to another. Between the pages of a book, we can become immersed in the lives of fictional characters and learn about a culture entirely different from our own. We can also learn new words and phrases, experience a range of emotions and acquire skills and knowledge.

Because of the learning potential, the effects of reading on child development are vast and multiple studies have highlighted its benefits. At GMS we encourage and celebrate all readers. Take a look at some of the many benefits reading has and let us celebrate the children for their super performance in their reading programme Achieve 3000.

Ways Reading Benefits Children

- 1. Reading increases creativity and imagination.
- 2. Reading together builds strong family bonds.
- 3. Reading expands a child's vocabulary.
- 4. Reading opens minds to new and diverse people, places, and situations.
- 5. Reading is fun and helps children relax after a stressful day.
- 6. Reading promotes and enhances critical thinking skills
- 7. Reading teaches children about the complex world we live in.
- 8. Reading promotes positive communication in families.
- Reading helps build character.



TOP SCORER

CONGRATULATIONS Achieve 3000°

Email Write Email Email Groups		
From:	Literacy MS	
То:	Gems Millennium School Sharjah Admin; Gems Millennium School Sharjah Admin; Admin Gms; Teacher Lobo; Teacher Teacher	
Subject:	Your Student Is the Daily Top Scorer in United Arab Emirates 10/19!	
Received:	20 October 2022 1:11 PM	



Have you heard? Marwan Shaik scored the most points in a single given day compared to all students in United Arab Emirates using Literacy MS. Marwan earned 50 bonus points and an achievement. In addition, Marwan's name will be posted to the Daily Top Scorer: United Arab Emirates scoreboard.



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chool Daily Top Scorer for 10/19!
I PM



Have you heard? Jesmin Joji Joseph scored the most points in a single given day compared to all students at GEMS Millennium School Sharjah using Literacy MS. Jesmin Joji earned 25 bonus points. In addition, Jesmin Joji's name will be posted to the School Daily Top Scorer scoreboard.

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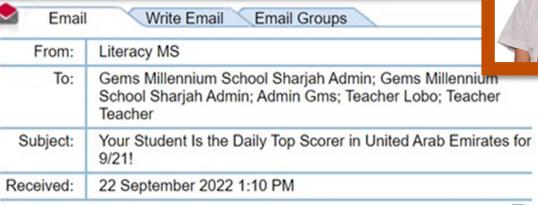
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Have you heard? Krishna Kumar Narayan scored the most points in a single given day compared to all students in United Arab Emirates using Literacy MS. Krishna Kumar earned 50 bonus points and an achievement. In addition, Krishna Kumar's name will be posted to the Daily Top Scorer: United Arab Emirates scoreboard.





Ema	il Write Email Email Groups
From:	Literacy MS
То:	Gems Millennium School Sharjah Admin; Admin Gms; Teacher Lobo; Teacher Teacher
Subject:	Your Student Is the Daily Top Scorer in United Arab Emirates for 9/9!
Received:	10 September 2022 1:16 PM

Have you heard? Mohammed Ayaan Faraaz scored the most points in a single given day compared to all students in United Arab Emirates using Literacy MS. Mohammed Ayaan earned 50 bonus points and an achievement. In addition, Mohammed Ayaan's name will be posted to the Daily Top Scorer: United Arab Emirates scoreboard.

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Email	Write Email Email Groups	
From:	Literacy MS	
То:	Gems Millennium School Sharjah Admin; Gems Millennium School Sharjah Admin; Admin Gms; Teacher Balasundaram; Teacher Teacher; Teacher Weilson	
Subject:	Your Student Is the Daily Top Scorer in United Arab Emirates for 9/27!	
Received:	28 September 2022 1:10 PM	
	PRINT PRINT	

Have you heard? Ashlin Ani Mathews scored the most points in a single given day compared to all students in United Arab Emirates using Literacy MS. Ashlin Ani earned 50 bonus points and an achievement. In addition, Ashlin Ani's name will be posted to the Daily Top Scorer: United Arab Emirates scoreboard.

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Email	Write Email Email Groups	
From:	Literacy MS	
To:	Gems Millennium School Sharjah Admin; Gems Millennium School Sharjah Admin; Admin Gms; Teacher Balasundaram; Teacher Teacher; Teacher Weilson	
Subject:	Your Student Is the Worldwide Daily Top Scorer for 10/11!	
Received:	12 October 2022 1:11 PM	



Have you heard? Daaniya Jaleel scored the most points in a single given day compared to all students using Literacy MS worldwide. Daaniya earned 100 bonus points and an achievement. In addition, Daaniya's name will be posted to the Worldwide Daily Top Scorer scoreboard.

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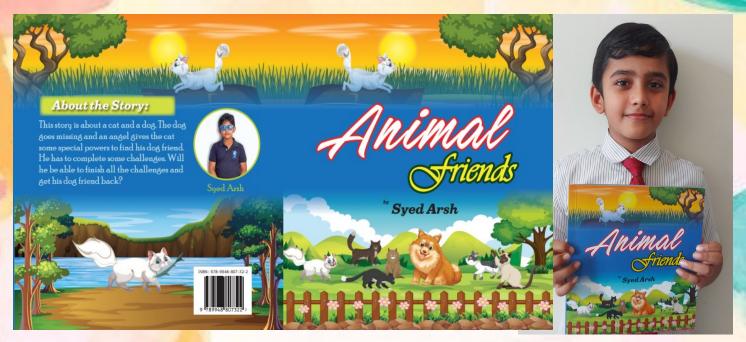
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OUR BUDDING WRITER







Syed Arsh of Grade 2B is one of our rising stars at GMS! In his spare time during the holidays he decided to write a story book! The book titled 'Animal Friends' was recently approved and published in the UAE. The book talks about the obstacles and challenges Furry the cat comes across while trying to find his missing friend, Frosty the dog. Well done Arsh, we are all so very proud of your achievement!



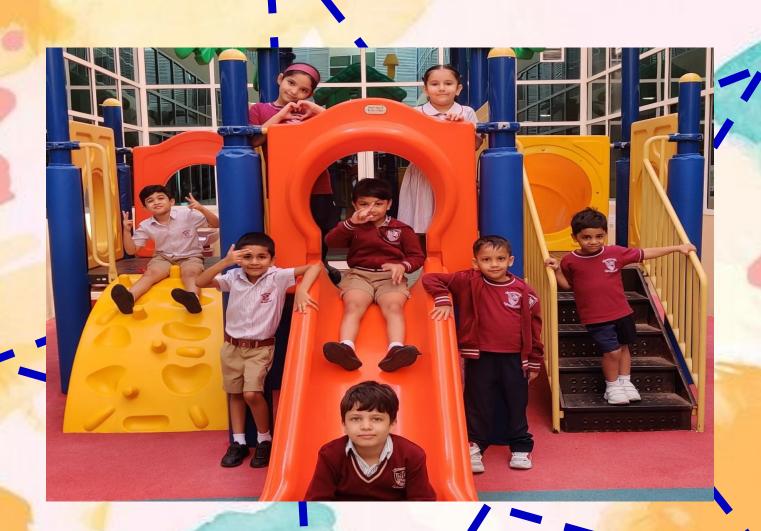
Join us in congratulating the 'Star Students' for the month of October!

CONGRATULATIONS ON STAR STUDENTS OF KG 1!



NAME	CLASS & SECTION
MICHELLE ANN JITHIN	KG1 A
ALFRED JACOB PAUL	KG1 B
TEZZA MARIAM PHILIP	KG1 C
HESSA TASNIM SHAIK FAZIL	KG1 D
ZAYNAB TABISH HUSAIN	KG1 E
JAYDEN JITHU	KG1 F
LORICA ZIVA MONIS	KG1 G
MEHRA SHAMSEEN SINAD	KG1 H

STAR STUDENTS OF KG 2!



NAME	CLASS & SECTION
AARAV MITTAL	KG2 A
INAYA ALI	KG2 B
SAMARTH SANDEEP KOTEGAR	KG2 C
ADRIN VINOD	KG2 D
YUVAAN KATHURIA	KG2 E
RUDRA SAXENA	KG2 F
BENJAMIN JAISON JACOB	KG2 G
GURBANI KAUR	KG2 H

STAR STUDENTS OF GRADE 1!



NAME	CLASS & SECTION
SYED AAQIB HUSSAIN	1A
ZAHWAH DAAMIN AFSEER	1B
MEHR SHANUP PEER	1C
ABDUL HADI NOMAN	1D
GURNOOR SINGH	1E
DIVIT SHARMA	1F
SACHIN ARUN PRASAD	1G

STAR STUDENTS OF GRADE 2!



NAME	CLASS & SECTION
RAHMAH ARIF	2A
SYED ARSH	2B
ADHVIK RAJITH	2C
JAGANNATH SUNILKUMAR	2D
NAMITHA PANGOTTIL	2E

STAR STUDENTS OF GRADE 3!



NAME	CLASS & SECTION
ARJUN AJITH	3A
NIVEDYA AJITH	3B
NIRANJAN MOOTHEDATH	3C
INAYA MAZHAR	3D
MOHAMMAD RAFAN KHAN	3E
MEENAKSHI PRANESH	3F

STAR STUDENTS OF GRADE 4!



NAME	CLASS & SECTION
MUHAMMED RAKIN	4B
PRANAV PRASANTH VIDYA	4B1
ZUNAIRAH MEHER	4BG
AISHWARYA VIRIYALA	4G

STAR STUDENTS OF GRADE 5!



NAME	CLASS & SECTION
THUSHANTH VENKATESAN	5B
SHARON KAMAL	5B1
AASHAY JAIN	5B2
SHREEYA JHA	5G
haya aijaz	5G1

STAR STUDENTS OF GRADE 6!



NAME	CLASS & SECTION
MOHD. IBRAHIM SIDDIQUE	6B
RITHWIK RAKESH NAIR	6B1
RASMIYA BANU	6G
AIZA MEHRIN	6G1

STAR STUDENTS OF GRADE 7!



NAME	CLASS & SECTION
MARWAN SHAIK	7B
HARINANDAN SANTHOSH BABU	7B1
MEENAKSHI VINOD	7G
EESHA KANNAN	7G1

STAR STUDENTS OF GRADE 8!



NAME	CLASS & SECTION
MOHAMMED AABAN KHAN	8B
GAURAV MAHESH HEMRAJANI	8B1
MOHAMMED MUZAMMIL AHMED	8B2
HISHAM SHAIKH	8B3
MANASI AJITH	8G
RITHIKAA SURESH SUNDAR	8G1
ZOHA FATIMA	8G2

STAR STUDENTS OF GRADE 9!



NAME	CLASS & SECTION
KUNAL SADHYA	9B
ADARSH SARGA ROY	9B1
AATIQ AHMED RAZA	9B2
SYED MURTAZA HASAN RIZVI	9B3
MANAAL SALIM SHAIKH	9G
AYSHA NUSRATH	9G1
JAY SHREE LALITHA RAJESHKANNA	9G2

STAR STUDENTS OF GRADE 10!



NAME	CLASS & SECTION
SALMAN FARIS NIYAS	10B
FARRIS MOHAMED ANSAR	10B1
ROGER BINOJ	10B2
TANVI PINTO	10G
ANMOL SINGH	10G1

STAR STUDENTS OF GRADE 11!



NAME	CLASS & SECTION
ANAND JACOB	11B1
PRANAY BAPNA	11B2
ANDRIA VINOD	11G1
STEFFI JACOB MATHAI	11G2

STAR STUDENTS OF GRADE 12!



NAME	CLASS & SECTION
VED BALACHANDER	12B1
FADHEL YOUSUF	12B2
FIDA SHAMNAD RABEEKA JALAL	12G1
MEHAK SETH	12G2

INNOVATION BEGINS WITH IMAGINATION

Aligning with the Vision of our school, we believe in providing an inspiring learning environment that brings out the potential of our students and prepares them for the future as competent world citizens. An innovation challenge, we believe, is a compelling way of generating innovative ideas. Our aim is to provide



students with an opportunity to explore multiple perspectives and demonstrate independence and responsibility for their own learning.

The school hosted the 7th Annual Innovation Challenge— iNNOVISTA on October 27, 2022. This was a platform to exhibit our students' innovation, creativity, ingenuity and artistry. Our Chief Guest for the day was Mr. Nooruddin Ahmed from Centro Business Corporation. Along with him the displays and projects were judged by Mr. Bansan Thomas George, founder & CEO of Unique World Robotics LLC, UAE and the Managing Director for Synergen Consultants Pvt. Ltd, Ms. Maitree Kadawat from Sheikh Hamdan Institute of Innovation, Mr. Kannan Raman an EdTech Consultant and a STEM Vocational Educator, Mr. Murtuza. S who is a certified Apple Education Expert and Ms Parvathy Prem Krishnan and Ms Iris Castelino both from the GMS Family.



"Creativity is thinking new things and Innovation is doing new things"











"Creativity is thinking new things and Innovation is doing new things"











"Creativity is thinking new things and Innovation is doing new things"