

THE TWS PRIMARY ENVIRONMENTAL NEWSLETTER

EVERY SINGLE THING WE CHANGE MAKES A DIFFERENCE

EVENTS AT A GLANCE 2020

- TWS Journey -YVGS
- A message from MSO
- A message from Assistant Principal of Pastoral
- Student led Initiatives
- Samman –Gift of Kindness
- World wildlife awareness day
- Go exercise-Go fit
- Green Souq Conference
- TWS Parent initiative
- Gratitude



THE VISION

To empower all (young) people by giving them the tools to be able to take positive action towards creating their own sustainable, Earth friendly future.

THE MISSION

To enable (young) people to lower their carbon footprint (CF) by completing a series of easy to follow challenges.

OUR ACHIEVEMENT

The Westminster School, Dubai has won eduCcate Global Silver Award in Sustainability and Climate Change Learning through eduCcate Global, We ensure that our students are aware of our evolving and dynamic world, our human impact, and the steps society needs to take to ensure a sustainable future .The 'eduCcate Global' helps us to up-skill teachers and equip our school with knowledge they need to transform learning to action and empower students.

GREENOPONICS LEARNING

AREA



UPCOMING EVENTS 2021

- Sustainability journey continues
- Green ambassadors meet up
- Plant a tree sapling
- Say no to plastic
- Carbon footprint challenges
- House Assemblies
- Student write ups – upcoming newsletter

A GLIMPSE INTO OUR JOURNEY TOWARDS SUSTAINABILITY

First International Virtual Conference on 'Sustainable Fashion' was a milestone achieved in our journey towards sustainability. Our journey as ECO School continues. The Westminster School, Dubai is happy to announce the grand success of the first interschool student collaboration program 'YOUTH VISION, GREEN SOLUTION' on 12th April.

This program aimed to create a difference towards climate change. Students were creatively encouraged to innovatively design sustainable solutions based on real-life case studies in the area of **CONDITIONING THE AIR CONDITIONER, SUSTAINABLE DIET, TECHNOLOGY IN AGRICULTURE, COASTLINE REDUCTION IN THE U.A.E, and WETLANDS IN THE U.A.E.**

Thirty students, three schools, five teams, two mentors including teacher and student mentor had started their marathon run for sustainable solutions on 28th March, 2021 and after going through rigorous brainstorming sessions for almost more than two weeks, each of the five teams brilliantly came up with innovative sustainable solutions to the problem specific questions related to the case studies.

The problem specific questions were given to each team on that day and they were expected to bring up a solution within 35 minutes- It was the apex of the brainstorming and collaboration that was seen on that day.

The solutions presented by each group were creative and sustainable, some of them were designed by the students themselves which was the most intriguing part of this program.

The Westminster School, Dubai expressed its green gratitude towards our guest schools:-

Gems Winchester school, Dubai and Wesgreen International School, Sharjah as a green gesture for sustainability.

THE WESTMINSTER SCHOOL DUBAI
Youth Vision, Green Solution
 5 Teams, 34 Members compete for the 'Best Sustainable Solution'

Group 1 - Green Saver
 Conditioning Of The Air Conditioners

Group 2 - Green Life
 Sustainable Diet for the Primary Group

Group 3 - Grow Green
 Technology In Agriculture

Group 4 - Green Mile
 Coastline Reduction In the UAE

Group 5 - Eco Green
 Wetlands in the UAE

Hosts: Sami Khairallah (Yr. 11-TWS) and Mathani Mudathir (Yr. 11-TWS)
 Lead Organizers: Ms. Marshanil, Ms. Ashwini, Ms. Jyoti, Ms. Radhika, Ms. Nilambari
 Media Credits: Aliza Muzaffer, Sami Khairallah, Ahmed Ali, Aaminah Patel, Onell Kaavya, Rami Khairallah, Zahra Ali

Collaboration: [Logos of partner schools]

12th April | 11:00 am - 12:45 pm
Venue - Microsoft Teams

MENTOR				
MS. VIJI				
LEAD ORGANISERS				
MS. MARSHANIL	MS. ASHWINI	MS. JYOTI P.	MS. RADHIKA	MS. NILAMBARI
TEACHER MENTORS				
MS. EBINI	MS. NERRISSA	MS. SUPRITHA	MS. ASHWINI	MS. JYOTI P.
SUBJECT MATTER EXPERTS				
MR. MADAN	MS. CHANDA	MS. SHYNI	MS. MAHWISH	MS. JEMIMA
SUPPORT TEAM				
MS. SHELMI	MS. JIJI	MS. NAYEEM	MS. FLORENCE	

Make Tomorrow Greener

with A Green Pot Initiative 2021





Youth Vision, Green Solution

An Inter school Student Collaboration Program



THE WESTMINSTER SCHOOL DUBAI
Youth Vision, Green Solution

Group 1 - Green Saver

Teacher Mentor: Ms. Ebiny
Student Mentor: Vedang Alle Yr.10-GWSD

Aliza Muzaffer Yr.11-TWS
Murtaza Nazarwala Yr.11-TWS
Srishti Krishnan Yr.10-GWSD

Aadhiran Sivakumaran Yr.11-TWS
Hanis Shuaib Yr.11-WIS

12th April | 11:00 am - 12:45 pm
Venue - Microsoft Teams

THE WESTMINSTER SCHOOL DUBAI
Youth Vision, Green Solution

Group 3 - Grow Green

Teacher Mentor: Ms. Supriha
Student Mentor: Joshua Isaac -TWS

Aseel Mohammed Hassan Yr.9-WIS
Khadija Ali Asghar Yr.11-TWS
Fengyu Yang Yr.9-TWS

Muhammad Rayan Momin Yr.11-TWS
Natasha Kamisani Yr.10-GWSD

12th April | 11:00 am - 12:45 pm
Venue - Microsoft Teams

Case Study Specific Questions

Group 1- GREEN SAVER

Suggest four sustainable solutions to reduce carbon footprints due to the usage of air conditioners in the Middle East. Solutions need to be supported with valid factual information. Reference to "Energy Strategy 2050" for increase in consumption efficiency of individuals and corporates must be made.

Case Study Specific Questions

Group 3- GROW GREEN

Suggest four AI applied agro-technology solutions that can be used in the U.A.E to improve food security. Analyze the effects of these technology from a sustainability perspective. Solutions suggested need to be supported with factual information. Reference to the U.A.E National Food Security Strategy 2051 must be made.

THE WESTMINSTER SCHOOL DUBAI
Youth Vision, Green Solution

Group 2 - Green Life

Teacher Mentor: Ms. Nerissa
Student Mentor: Rosalyn Flory-TWS

Muhaddis Khalil Yr.6-TWS
Harib Muhammad Yr.6-TWS
Himnith Kaushik Yr.6-TWS

Parisha Farruki Yr.6-TWS
Daneen Farooq Yr.5-TWS

12th April | 11:00 am - 12:45 pm
Venue - Microsoft Teams

Case Study Specific Questions

Group 2- GREEN LIFE

Shifting billions of young generation diet requires larger, systemic changes. How will you promote sustainable diet among young generation? Suggest four sustainable systemic sustainable changes supported with valid factual information. Link to the UAE National Wellbeing Strategy 2031.

THE WESTMINSTER SCHOOL DUBAI
Youth Vision, Green Solution

Group 4 - Green Mile

Teacher Mentor: Ms. Ashwini
Student Mentor: Nabha Nadeem-WIS

Gyanada Trivedi Yr.10-GWSD
Zahra Ali Jaffer Yr.10-TWS
Sharique Tasnim Khan Yr.11-TWS

Raez Jaldin Yr.11-TWS
Mustafa El Korek Yr.9-WIS

12th April | 11:00 am - 12:45 pm
Venue - Microsoft Teams

THE WESTMINSTER SCHOOL DUBAI
Youth Vision, Green Solution

Group 5 - Eco Green

Teacher Mentor: Ms. Jyoti
Student Mentor: Mira Khalaf-GWSD

Mustansir Mohammed Yr.10-TWS
Marufa Jannat Yr.11-TWS
Jamila Bhagat Yr.9-TWS

Mariya Khodan Yr.10-GWSD

12th April | 11:00 am - 12:45 pm
Venue - Microsoft Teams

Case Study Specific Questions

Group 4- GREEN MILE

How have the coastal areas been affected in the past four decades in the U.A.E? Develop a sustainable framework of four solutions to overcome the challenge of Coastal Erosion in the U.A.E. Solutions suggested need to be supported with factual information. Link to the Biodiversity Strategy of the United Arab Emirates (2014-2021).

Case Study Specific Questions

Group 5- ECO GREEN

Suggest Wetland conservation models for the U.A.E which are pro-tourism. Link with the Environment Vision 2030.

WINNERS OF YVGS

Best Student Mentor: Rosalyn Flory and Mira Khalaf
Best Speaker: Sharique Tasnim
Students' Choice for Best Team: Team 5- Eco Green
Best Team Co-ordination: Team 4- Green Mile
Best Solution: Winners Team 4- Green Mile, Runner Up-Team 1- Green Saver

A MESSAGE FROM MSO: MR. MADAN MENGHANI



We, The Westminster School, Dubai have launched various initiatives in the school over the last 2 years which includes staff, students and parents as a drive towards ‘Sustainability’.

It is with pride our school has undertaken initiatives towards the climate change following the ‘3-R APPROACH’ (Reduce, Reuse and Recycle) whilst minimizing the use of resource like papers for printings and poly/plastic bags being replaced with jute bags. The programs implemented by the school are focused on the 3-R approach in making decisions betting on the long term benefits and taking future generations into account which goes a long way in achieving the goals of sustainability. ‘Climate Change’ and ‘Sustainability’ has become an integral part in our daily activities as it is embedded within the staff, students and the parent community of the school.

I appreciate the Senior Leadership Management, staff and volunteers who are actively participating to help and support the climate change initiative for a better and safer future generations.

A MESSAGE FROM ASSISTANT PRINCIPAL OF PASTORAL: MS. SARABJIT SINGH



At TWS, we believe in sustainability and the journey continues with various initiatives planned. I believe in transformation and well-being of oneself. Keeping this in mind the Lose it 2 Win it challenge was initiated in the month of January 2021. We were glad to have over 80 teaching and non-teaching staff enrolled for the challenge that began on 16th January, 2021 and ended on 15th June, 2021. A guest lecture and Yoga session was arranged for all the contestants which motivated them to achieve the goal. The weight of individual contestant was monitored on weekly basis. By the end of the challenge each individual weight was measured and recorded. A total of 167.1kgs was lost by TWS and the winners were announced. This in turn contributed to reduce the carbon footprint and follow a healthy life style.

LOSE IT 2 WIN IT
Thank you to all participants

Congratulation

TWS lost 167.1Kgs

84% of the fat that is lost turns into carbon dioxide and leaves the body through the lungs, whereas the remaining 16% becomes water

1 kg of body mass lost, the CO₂ production would decrease 3.2 ml min⁻¹

Being obese is associated with about 20% more greenhouse gas emissions (carbon dioxide, methane and nitrous oxide) than being a normal weight, according to the study

10 kilograms (22 lbs.) of fat, a person needs to inhale 29 kg (64 lbs.) of oxygen. And the chemical process of burning that fat will produce 28 kg (62 lbs.) of carbon dioxide and 11 kg (24 lbs.) of water

LOSE IT 2 WIN IT
The Winners in the category of maximum weight lost are:

1st : Jyoti Paraddi (19 kgs)
2nd : Azza Abdulrehman (16.1 Kgs)
3rd : Fifi (12.1 Kgs)

LOSE IT 2 WIN IT
The Winners in the category of maximum % of body weight lost are:

1st : Tabassum Shaikh (17.9%)
2nd : Kunjimol (S.S.) (14%)
3rd : Samia Darwish (12.6%)

LOSE IT 2 WIN IT
The special judges awards are:

1st: Gajalakshmi - 10.9%
2nd: Samia Abidi - 9.6%
3rd: Beena Thamban - 9.4%
4th: Hardeep (STS) - 8%
5th: Nabia Mohd. - 7.7%

STUDENTS' LED INITIATIVES

The Primary students participated in various activities conducted throughout the year to show their love for nature. A few activities like Best out of waste, Green pot initiative, Plastic free, poster making etc.



SAMMAN –GIFT OF KINDNESS

TWS, in collaboration with Ms. Lakshmi Menon, a social entrepreneur and the founder of Pure Living established the “SAMMAN” project which aims to create unsold handloom material into baby clothes and items for underprivileged mothers of children. Around 500 pupils of a Dubai school participated in a social initiative launched by an India-based non-government organization (NGO). The Year 10 and 11 pupils of The Westminster School, Dubai, have teamed up with Pure Living to make the art-of-giving exercise a roaring success. The pupils were provided with unsold handloom materials from weavers and artisans in India. The TWS’ teacher coordinators took over the responsibility of distributing materials, providing orientation to volunteer pupils, stitching baby clothes and collecting the finished products. Over 500 mommy kits, including baby frocks and nappy sheets, were stitched by the pupils, who went out of their way to embroider intricate thread work and painting cute things on the clothes. Samman culminated with an exhibition of the handiwork of the pupils, staff and parents on TWS campus. The project is supported by the United Nations Development Programme (UNDP) and weaves sustainability with a touch of kindness and purity. Our Head of School Ms. Vijayakumari Sathyan, says “We’ve always believed in giving back and helping those in need. The Samman project is one of how our staff and pupils have given back by hand stitching these kits for babies, which are being delivered to mothers and infants in need. It makes me proud to see our community take such an active role in making the world a kinder place.”



ARTICLE PUBLISHED ON KHALEEJ TIMES



SAMMAN PROJECT- HIGHEST CONTRIBUTORS POSITION 1- SUPPORT STAFF



SAMMAN PROJECT-SUPPORT TEAM ART DEPARTMENT



WORLD WILDLIFE DAY

Primary Sigma house conducted virtual assembly on World wild life day on 6th March,2021 to create awareness and how to protect wildlife, Erfan Firouzi was invited as Guest speaker who is nature lover and budding environmentalist and is proud Green Ambassador of TWS to share his research work and what he has done within the past years to create awareness .The assembly was ended with beautiful message.

“TOGETHER WE STAND, KEEPING THE WILD ALIVE AND BECOMING THE HEROES OF OUR PLANET”

Our FS students celebrated World wildlife day by making posters.



GO EXERCISE - GO FIT

TWS students continue the journey to fight against climate change by practising different exercises which helps them to manage stress and brings in self-awareness along with healthy life style.



GREEN SOUQ-CONFERENCE 2021

The Westminster School (TWS), Dubai hosted its largest virtual conference by far in its third installment under the sustainability series - "**Green Souq**". Green Souq aims to combine sustainability and entrepreneurship using 3P - people, planet, profit - and 3S - sustainable, solution, sourcing. The event was hosted by Aya Alshalloudi (11G1), Mohammad Abu Bakar (12C), and Shariqqa Tasnim Khan (11G2).

The conference featured an esteemed guest- Mr. Dino Varkey, CEO- GEMS Education along with eight keynote speakers from across the globe: Ms. Emma Barber, Mr. Nikola Sobot, Ms. Vinisha Uma Shankar, Mr. Omar Shihab, Ms. Anna Pitt, Ms. Lakshmi Menon, Mr. Bilal Ajadi, and Mr. Joe Newcombe. To make conferences more interactive and engaging, Green Souq 2021 had live audience polling to capture insight from the audience about sustainability.

Mr. Carl Roberts, CEO and Executive Principal of TWS, inaugurated the conference by welcoming the esteemed guests, international keynote speakers, and the audience. In addition to this, he expressed his pleasure in once again collaborating with the Wesgreen International School. He voiced his gratitude towards staff and students for their efforts in ensuring the conference runs successfully.

Mr. Carl Roberts further went on to encourage students to use this conference as an opportunity to seek inspiration and develop feasible sustainable ideas that can be implemented in school and individual level in the near future.

Mr. Dino Varkey- Group Chief Executive Officer at GEMS Education is driven by providing access to remarkable education, as well as offering great vision and strategy for the organization. He opened his address by greeting the audience and considering it a privilege to be able to hold such a conference in an era of unprecedented change. Furthermore, he went on to discuss the complexity and perpetuating nature of change and how we need to adapt to it and how these conferences are an excellent way for students to do so. He concluded by praising the youth for bringing innovative and sustainable ideas to the world with these initiatives, seminars and conferences, encouraging them to continue doing so.

Ms. Vijayakumari Sathyan, the Head of School at TWS, shared her thoughts moving forward with the Eco-School plan. She recounted the beginning of this journey back in 2020 when the student-led action plan was launched, paper initiatives that saved TWS a substantial amount in finance, and more. Moreover, she announced the implementation of three projects from the Youth Vision, Green Solution student seminar 2021: Conditioning the Air Conditioners, Sustainable Diet, and Hydroponics.

TWS received a surge of positive feedback from speakers, attendees and parents after the conference. "The virtual conference was very well organized... my regards to all guest speakers, teachers and students who made it one of the best virtual conferences I have participated," said Ms. Vinisha Uma Shankar. Responses were also sent out by parents, one of whom said "It was implicitly well planned and remarkably executed... kudos to the whole team for such a successful event."

Laying sustainability as part of their foundation, they set themselves as an example for schools and businesses alike. With about 2220 attendees in this conference alone, GEMS TWS continues to successfully raise awareness and advocate for a greener and cleaner change, nationally and globally.

THE WESTMINSTER SCHOOL, DUBAI GREEN SOUQ

5 YEARS

World renowned climate change activists, environmentalists and social entrepreneurs come together with TWS and share sustainable solutions. Be part of this sustainable solutions conference.

BILAL AJADI 
 AQUAPONICS ENGINEER AT SHERI FARMS - U.A.E
[ABOUT ME](#)

NIKOLA SOBOT 
 DIRECTOR AT DEVELOPMENT AT CLEAN THE WORLD FOUNDATION - U.S.A
[ABOUT ME](#)

LAKSHMI MENON 
 SOCIAL ENTREPRENEUR & FOUNDER OF PURE LIVING - INDIA
[ABOUT ME](#)

ANNA PITT 
 KEYNOTE SPEAKER AT zerowasteweek.co.uk - U.K
[ABOUT ME](#)

OMAR SHIHAB 
 FOUNDER AND MANAGER OF BOCA (SUSTAINABLE RESTAURANT) - U.A.E
[ABOUT ME](#)

EMMA BARBER 
 DIRECTOR AT DGRADE (SUSTAINABLE FASHION) - U.A.E
[ABOUT ME](#)

VINISHA UMASHANKAR 
 STUDENT INNOVATOR - INDIA
[ABOUT ME](#)

JOE NEWCOMBE 
 CO-FOUNDER OF D'BRIS (SHOES MADE FROM OCEAN WASTE) - DENMARK
[ABOUT ME](#)

28th JUNE 2021 | 11:00AM - 1:00PM (UTC+4)



About Me

Project Manager/ Aquaponics Engineer (Sheri Farms, UAE)

- Graduate of Electrical and Electronic Engineering
- Working at Heriot Watt as a Teaching assistant and Adjunct Lecturer
- Exploring Computer Science and Sustainable Farming Techniques
- Design and Construct Aquaponics Systems



KEY NOTE SPEAKER

MR. OMAR SHIHAB
 FOUNDER AND MANAGER OF BOCA (SUSTAINABLE RESTAURANT) U.A.E

Let's do the maths!

- 985.5 kg per person
- 70% of this is from the home (direct control!)- about 690kg
- 25% reduction is 172.5kg
- There are 5000 of you!



KEY NOTE SPEAKER

MS. LAKSHMI MENON
 SOCIAL ENTREPRENEUR & FOUNDER OF PURE LIVING, INDIA



A JOURNEY TOWARDS GREENERY- TWS PARENT



Ms. Sonia Flory, is one of our parents who is passionate about her terrace gardening. This has motivated her both children to be part of TWS Eco journey. Ms. Sonia and many other parent were interested to join and know more about sustainable solutions and are eagerly looking for attending “Green Souq”-Virtual Sustainable Solutions sourcing conference’. Ms. Sonia sent her wishes for the conference.



GRATTITUDE –GREEN SOUQ LEADERS AND SUPPORT TEAM

GREEN SOUQ

MS. SHELMY PETER MS. NILAMBARI GOKHALE MS. RADHIKA TYER
MS. ASHWINI DESHPANDE MS. MARSHANI SINHA ROY MS. JYOTI PARADI

THE WESTMINSTER SCHOOL

GREEN SOUQ SUPPORT TEAM

MR. EDERGO SOANS MR. ABHIJIT SEN
MR. SHYWNATH KALARI KUNNUBMAL MS. RUBAINA KUNDER

THE WESTMINSTER SCHOOL

MANY HANDS AND ONE MIND- THANK YOU SUPPORT STAFF TEAM



CONTACT US! TWS, Dubai:
 communication_tws@gemsedu.com
 twsgreenambassadors@gmail.com
 P.O Box - 8607

EDITED AND COMPILED BY:

MS. JYOTI PARADDI