



ENVIRONMENT HAND BOOK 2023-24





SCHOOL OBJECTIVE

“Our goal is to promote social justice, equality, peace and international understanding, so that man and nature can co-exist in a sustainable global environment”.

At Springdales School Dubai,

We aim to help students understand and appreciate the environment. We constantly engage the students in various activities and Campaigns to have students play a part in the welfare of the environment. We not only have internal school activities but we also collaborate with other environment groups to share their knowledge about the environment to our students to make the world a better place.

**Environment is no one's property to destroy;
It's everyone's responsibility to protect**

- Mohith Agadi



KHDA Framework

Brief descriptors

Outstanding: Students care for their school and are successful in improving its environment.

Some initiate and many others take part in schemes that contribute effectively to sustainability and conservation in the local and wider world environment.



هيئة المعرفة والتنمية البشرية
KNOWLEDGE & HUMAN DEVELOPMENT AUTHORITY



KHDA Framework

The quality of social responsibility and innovation skills illustrated below would be evaluated as outstanding.

Students are responsible and contribute actively to the life of the school and wider communities, including volunteer activities. They undertake responsibilities in school through well-judged and planned arrangements. Students show care and consideration for others and demonstrate active citizenship. They have a very positive effect on the school and wider community. Their opinions are valued by the school and often influence its development.

Students have an excellent work ethic. Some lead others confidently and have creative and very practical ideas. Through well-planned projects and enterprise activities that have significant social impact, students acquire key skills to

innovate and be creative. They make informed economic decisions.

Students show an insightful understanding of environmental sustainability. They actively seek ways to care for and to improve their school environment and are successful in their projects. They initiate or take part in schemes to support

conservation beyond school and understand that economic decisions affect the sustainability of the environment.



NOURISHING THE 8 BILLION (age 9-11) SUSTAINABLE FOOD PRODUCTION



مدرسة سبرينج دايلز دبي
SPRINGDALES SCHOOL DUBAI

Many
Congrats



TOP 10 FINALISTS
Annual Environmental
Drawing Competition 2023

NEWS UPDATE

JNANA SHREE SATISH

She has been selected amongst the top 10 finalists of Annual Environmental Drawing Competition 2023 conducted by EEG in the Category "Nourishing the 8 Billion". Today she is awarded with First Runner up award @Ismaili centre, Dubai. Receiving the award with Principal and Ms. Suganthi.



Inana Shree Satish has been selected amongst the top 10 finalists of Annual Environmental Drawing Competition 2023 conducted by EEG in the Category "Nourishing the 8 Billion". Today she is awarded with First Runner up award @Ismaili centre, Dubai. Receiving the award with Principal and Ms. Suganthi.



SUSTAINABILITY @SPRINGDALES



OLD BOOKS FOR NEW EYES

Keeping in mind the vibe of Sustainability,
Springdales School Dubai arranged
Old Books For New Eyes.

Students of Middle and Secondary School
contributed their old books generously and were
excited to pick up the ones they had once seen their
friends reading.



SUSTAINABILITY @SPRINGDALES



Used Book Sale – Bestow the Gift of Reading

The young book lovers of Grade 3 to 5, witnessed for the very first time a special treat of books through their rightly contributed sustainable book sale which was held on 8th of May 2023 at Springdales School Dubai. It was called ‘Bestow the Gift of Reading’ keeping in mind the importance of reading a book. The entrepreneurial skills of Grade 5 Students were challenged as they conducted the buying and selling of books, estimated profit and gauged the variables that would affect the sale and value collected. One of the pupils quoted – “This is by far one of the best book exchange we have had, it has enabled sustainability – we have followed UAE’s; Year of Sustainability Goal”. The event promoted a holistic learning approach and at the same time has allowed inculcating the love for reading!



UAE MOCCE AND EXPO DUBAI SCHOOL PROGRAMME (CAP 2023)



Climate Ambassadors Programme (CAP), an initiative by the Ministry of Climate Change and Environment in collaboration with the Expo School Programme.



CAP session at Expo City Dubai



CAP session at Expo City Dubai



REPORT



مدرسة سبرينج دايلز دبي
SPRINGDALES SCHOOL DUBAI

Event report



Assembly/Event conducted by	United Arab Emirates Ministry Of Climate Change & Environment & Expo Dubai School Programme
In school or external event	External event
Grade/Section involved	Students of secondary school (8, 9,10,11,12)
Date / time	5 th April 2023/8.00am to 12.00pm
Theme /Name of the Event	Climate Ambassadors Programme
Teacher in charge	Ms.Suganthi/Ms.Gokhila/Ms.Richa
Number of students involved	30 students

HIGHLIGHTS OF THE EVENTS

"Model United Nations Simulations," but with a slightly different structure and with climate

- ◇ Action as the only priority. The role of the students for the day is to be the ambassadors of a country or negotiating block (a group of countries that share a similar position in the negotiations). The role of the Expo Team for the day is to facilitate our session as Chair and Vice-Chair. We signed up for **CAP 2023** with Expo City Dubai and received the agenda (**loss and damage**) and a list of countries for our students. Through a 2.5-hour session, students became ambassadors for a selected country and were presented with information to read that highlighted the different problems their assigned country is currently facing in relation to the set agenda. The Arab States joined the G-77, and the European Union joined with the Small Island States to draft the two action plans together. Once both the action plans were discussed and amended as needed, the parties worked together to pool their opinions and reach a consensus on the action plan to follow through with. This final action plan was approved as the course of action for all parties present, and the goals from the plan will be considered the countries' next steps forward.
- ◇ After reaching consensus, the chair and vice chair moved towards closing the session and provided feedback on the plan created. Our students had an opportunity to share their learnings with their fellow parties and ask the committee any questions they may have. They learned about the impacts of climate change in their nation and worked with their fellow ambassadors to find solutions for them by drafting and amending action plans and negotiating a final consensus together.



THE WATER PROJECT

BY KG1
STUDENTS





'Education, the 'cation', the positive ion which triggers learning.'

The students of Grade 4 gravitated their learning by producing pretty outstanding final products of their innovative investigation towards different recipes around the globe, where they have incorporated all types of skills and knowledge to think critically, creatively and authentically





100 day 100 school challenge by Dubai Municipality

Topic - Protected areas in dubai





SUMMER HOLIDAY ACTIVITY





H. H. Engr. Sheikh Salem Bin Sultan Bin Saqr Al-Qasimi with Springdalianians



H. H. Engr. Sheikh Salem Bin Sultan Bin Saqr Al-Qasimi, member of the Executive Council of the Government of Ras Al-Khaimah and Chairman of the Department of Civil Aviation – Ras Al Khaimah awarding The Springdales School for their contribution in the Emirates Recycling Awards

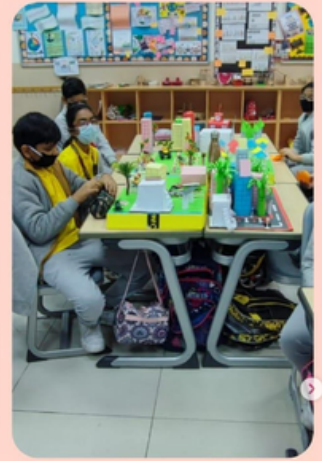
H. H. Engr. Sheikh Salem Bin Sultan Bin Saqr Al-Qasimi, member of the Executive Council of the Government of Ras Al-Khaimah and Chairman of the Department of Civil Aviation – Ras Al Khaimah awarding The Springdales School for their contribution in the Emirates Recycling Awards



The students of Grade 3 actively used “Design thinking” as they increased their collaboration skills and took charge of their own learning while enthusiastically engaging in Project Based Learning



The students of Grade 4 actively used “Design thinking” as they increased their collaboration skills and took charge of their own learning while enthusiastically engaging in Project Based Learning





The students of Grade 5 actively used “Design thinking” as they increased their collaboration skills and took charge of their own learning while enthusiastically engaging in Project Based Learning





The art work of Springdalianians for the event managed by Ministry of climate change UAE was displayed on 20.5.22 at Sheikh Saeed Halls of Dubai World Trade Centre. This event was hosted by Conscious planet – Save soil movement.



ENVIRONMENT DAY ASSEMBLY





MIDDLE SCHOOL REPORT



مدرسة سبرينج دايلز دبي
SPRINGDALES SCHOOL DUBAI

Event report

Assembly/event conducted by:	Springdales school Dubai
Class/section	Gr 6 to Gr 8
Date/time	08/06/2023
Theme	Environment Day
Teacher in charge	Ms. Suganthi
No./names of participants	All Grades 6 to 8

Highlights of the event:

The assembly started with the Quran Recitation by students.

- ◊ The assembly raised awareness about environmental issues and the need for conservation. The students and teachers came together to make this day a success. The importance of maintaining environmental balance was highlighted through various activities like Quiz, Poem, Song, Dances and speech. Students also showcased their talent in form of various dances. Various questions in Quiz was showing the importance and the ways to protect environment. The session educated and helped the students to be aware of why do we celebrate Environment Day.
- ◊ It was a great session and knowledgeable as well. It was then addressed by the Principal of our school who appreciated the efforts made by all the participants and teachers to present such a successful assembly.

VALUES / POSITIVES: Students actively participated and shared their views and thoughts for the questions given. Awareness created about the importance of Environment day.



SECONDARY SCHOOL REPORT



مدرسة سبرينج دايلز دبي
SPRINGDALES SCHOOL DUBAI

Event report

Assembly/Event conducted by	Springdales School Dubai
In school or external event	In School
Grade/Section involved	9 to 12
Date / time	16 th June 2023, 10:10 am to 11:55 am
Theme /Name of the Event	Environment Day Assembly
Teachers in charge	Ms. Suganthi
Number of students involved	250 students

HIGHLIGHTS OF THE EVENTS

Highlights of the event:

- ◇ The assembly started with the Quran Recitation by students. The assembly raised awareness about environmental issues and the need for conservation. The importance of maintaining environmental balance was highlighted through various activities like Thought, Poem, Song and speech.

Students also showcased their talent in form of various dances. Various questions in Quiz was showing the importance and the ways to protect environment.

The session educated and helped the students to be aware of why do we celebrate Environment Day.

- ◇ It was a great session and knowledgeable as well. Prizes were given for the students who won in various school activities/events/competitions.

VALUES / POSITIVES: Students actively participated and shared their views and thoughts for the questions given. Awareness created about the importance of Environment day.



DRAWING COMPETITION CERTIFICATE OF PARTICIPATION

مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Aleesha Azeer
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Nitya Paulraj
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Manha Anvm Khan
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



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Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Navreen Fathima Neyas
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Aarna Patnaik
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Jiya Mandlik
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Jnana Shree Satish
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Dhairya Mulani
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Tenzina Tung
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Noel John Sibi
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





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Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Vrenya Bawa
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



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Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Isabel Hanah Joby
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





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Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Shristhi Mukherjee
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson



مجموعة عمل الإمارات للبيئة
Emirates Environmental Group



Proudly Presents

Certificate of Appreciation

To

Mansi Brijesh Kumar Nair
Springdales School Dubai

For participating in the
Environmental Drawing Competition 2023

Habiba Sultan Al Mar'ashi
Co-founder & Chairperson





BAG PAINTING ACTIVITY

'Trendy Tote bags replace Plastic.'

Springdales School Dubai had organized a cotton cloth bag painting and decoration activity for the whole school (Kg – Grade 11) on 10th of January 2023. The event – tagged as “One Child One Bag” promoted the idea of how Tote bags have become popular for daily use since UAE has now banned single use plastics. Encouraging the spirit of eco- friendliness the students very enthusiastically illustrated their thoughts on their bags. The theme of the event being ‘My Dream’ there was a spectacular array of vibrant colours, patterns, innovativeness and creativity.

The event was conducted to create awareness and realizing the repercussions that plastics have on the ecosystem and how they are replaced with cloth and paper bags. Students from the very next day have begun to use these bags to carry their belongings like, after school activity kits, extra books, devices transitioning for lessons from one class to another while some have proudly presented their work as shopping bags to their mothers.

This was an enriching, value filled activity!!





BAG PAINTING ACTIVITY





SLTP/WS/T1-0012

Date – 9th May, 2023

Environment Day Circular



The year 2023 is dedicated to sustainability. It is to inspire collective action through a nationwide commitment towards sustainable practices. Also to foster global collaboration to address the environmental challenges. Several initiatives,

activities and events that draw upon UAE's deep-rooted values of sustainability and the legacy of its founder, the Late Sheikh Zayed Bin Sultan Al Nahyan will be taken up this year

Environment Day is held on 5th June every year. World Environment Day 2023 is hosted by Ivory Coast (West Africa) with a focus on solutions to plastic pollution. Earth day is celebrated on April 22nd 2023 and the theme for this year is 'Invest in our Planet'.

COP28 will be held in the UAE at Dubai Expo City from November 30 to December 12, 2023. COP is held every year to discuss and find solutions for climate change.

We at Springdales School will concentrate on raising awareness of environmental sustainability by incorporating a variety of activities and approaches that encourage our young minds to develop a strong understanding of environmental sustainability and the role they can play in creating a more sustainable future.

Students will choose the topic according to their grade levels. They will send their work to their class teachers by 20th May 2023 (For Kindergarten, Grades 1& 2 and Grades 3-5). Students will receive a participation certificates. The three best ones will be given Prize certificates.

Students will choose the topic according to their grade levels. Kindergarten, Grades 1& 2 and 3-5 students will send their work to their class teachers by 20th May 2023. The best ones will be selected and students will be given certificates. Students must also upload their work and a photo of themselves to the given link [Environment Day Activity Submission Juniors](#) on or before 20.5.23. Only KG – Grade 5 pupils are allowed to access this link.

The activity for the day:

Kindergarten - Theme: Our Environment

Students will make pen stand using plastic yoghurt glass or plant a seed in plastic yoghurt glass.



مدرسة سبرينج دايلز دبي
SPRINGDALES SCHOOL DUBAI
"Quintessentially Indian, Innovatively International"
Principal :Dr. Brian Gray | principalpa@springdalesdubai.com

Grade 1- 2 - Theme: Reduce and Reuse

Children will do Eco-friendly crafts with recycled materials such as cardboard, egg cartons and tissue paper etc.

KG and Preparatory students will send their work to the given link [Environment Day Activity Submission Juniors](#) on or before 20.5.23.

Grade 3 – 4 - Theme: Sustainable Development Goals

Students will create their own actual working game /toy which can be a board game, card game or dice game. The theme must be applied in reference to SDG Goals.

Grade 5 - Theme - Sustainability

Students will transform worn-out T-shirts into stylish tote bags. Primary Students will send their work to the given link [Environment Day Activity Submission Juniors](#) on or before 20.5.23.

Grade 6- 8 - Theme: Clean and Green technology

Students will design an application using any software and present their already created app with the help of a ppt.

Students will send their work to the given link [Environment Day Activity Submission](#) on or before 20.5.23


Grade 9 – 12 - Theme: Trade-Entrepreneurship

Students can present their start up project/idea based on the theme of Trade-Entrepreneurship using a presentation/video/working model. Students will send their work to the given link [Environment Day Activity Submission](#) on or before 20.5.23. If you have any questions, please contact me at suganthi@springdalesdubai.com on or before 10.5.23.

Regards,

Dr. Brian Gray

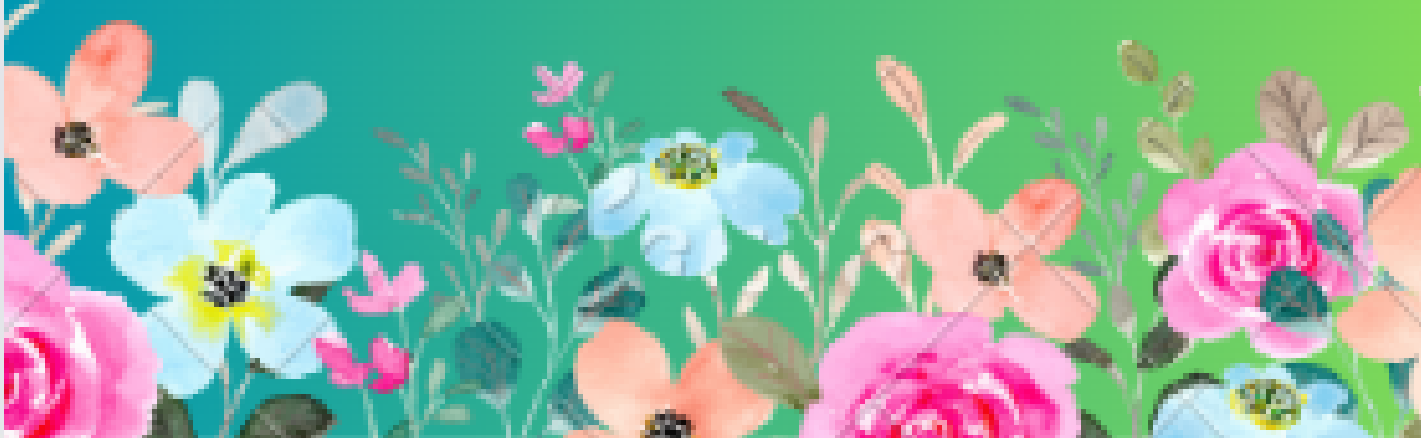
Principal
Springdales School Dubai



June 5, 2023

Happy Environment day

*A LITTLE EFFORT TOWARDS SAVING
THE ENVIRONMENT IS BETTER THAN
NO EFFORT.*



ENVIRONMENT DAY ASSEMBLY

*Springdalians proudly invite you to
the Environment Day Assembly*

2023-24

Date: Thursday 8th June, 2023

Venue: Multi purpose Hall

Time : 12:30 to 2:00 pm

*We would like to welcome you all
for the World environment day
assembly for the middle school.
Look forward for all your support
and cooperation as ever.*



ENVIRONMENT DAY ASSEMBLY

*Springdalians proudly invite you to
the Environment Day Assembly
2023-24*

Date: Friday 16th June, 2023

Venue: Multi purpose Hall

Time : 10:10 to 11:50 am

*We would like to welcome you all
for the World environment day
assembly for the secondary school.
Look forward for all your support
and cooperation as ever.*

REPAIR
RENEW
REUSE





Dear Parents and Students,

I hope this email finds you all in good health and high spirits as we approach the summer break. As we look forward to enjoying our holidays, I would like to take this opportunity to invite you to participate in a special initiative that will make a significant impact on our environment.

Environmental conservation and responsible waste management are crucial issues we face today, and as a school community, we can play an active role in making a positive difference. With this in mind, we are organising an E-Waste and Recycling Drive immediately after the summer break.

We kindly request each student to bring in any electronic waste (e-waste), paper, cans, and plastic items, plastic pens that are no longer in use or can be recycled. By collecting and properly disposing of these items, we can help reduce the environmental footprint and promote the sustainable use of resources.

Here are some guidelines and details regarding the E-Waste and Recycling Drive.

Collection Date: The collection will take place from August 28th to September 29th [2023](#). Please mark your calendar so that you can bring in the items during that period.

Accepted Items: We will accept the following items for recycling:

- E-waste: Old computers, laptops, mobile phones, tablets, printers, cables, chargers, etc.
- Paper: Newspapers, magazines, notebooks, old [text books](#), story books, used printer paper, cardboard, etc.
- Cans: Aluminium and tin cans, beverage cans, food cans, etc.
- Plastic: Plastic bottles, containers, packaging materials etc.

If you have visited a forest or a zoo during your summer break, we would love to see the amazing moments you captured on camera. Whether it's a breath-taking view, a close encounter with wildlife, or a memorable interaction, we encourage you to share your pictures and videos in landscape with us.

If you have been involved in gardening activities or have created something remarkable out of waste materials during the summer break, we would love to hear about it and see your fantastic creations. It's an opportunity to inspire others and celebrate your efforts in making a positive impact on the environment.

Pls submit your entries at [Holiday Submissions](#)

If you have any questions or require further assistance, please feel free to reach out to Ms. Suganthi at Suganthi@springdalesdubai.com

Let us come together as a united school community to make a positive impact on our environment. Together, we can create a greener and more sustainable future for ourselves and future generations.

Thank you for your ongoing support and commitment to environmental conservation. Your participation in this initiative will make a tangible difference in preserving our planet for the years to come.

Wishing you all a safe and enjoyable summer break!

Regards,



Dear Parent,

Neighbourhood Recycling Program is a student initiative program driven by Head boy.

We will be collecting old paper (newspaper, books, notebooks, scrap paper, carton boxes, cardboard boxes, etc.) for recycling. The duration of this campaign will be two weeks in September.

The students participating in this project would be required to contact 20 neighbouring families and collect old paper for recycling from them. The students can collect as much paper as they can. Request the students to fill the form below and furnish details of their collection.

[Neighbourhood Recycling Program](#)

Dear all,

Pls find the link for [Environment day Quiz](#). Request the class teachers of secondary (Grade 9 to 12) to complete the quiz during registration time today. In case if missed pls request English teachers to conduct in their [class](#), (Grade 11 & 12)

[Environment Day Quiz - Seniors](#)

Pls note that Middle school students will be doing the quiz on 11.5.23 as below. Pls note that link will be shared.

Dear parents,

We are registered for the **"Write your future - Plastic Pen Recycling Challenge"** and we are provided with 2 orange recycling [bins](#) by the reputed organization [DGrade](#).

Kindly note only the writing [instruments](#) made of plastic are allowed in the recycling bin. Any non-plastic item will not be included in the collection weights for the competition. Winners will be calculated on a per capita basis by calculating the weight of plastic pen/markers collected by the school.

We request children to collect used pens, unwanted and dried out pens and markers without the spring/metal parts and drop them in the orange recycling bin, which will be provided [in the near future](#). They can start collecting from now. Once the bins are [ready](#) they will be intimated.

Prizes will be awarded in the new school year (September 2023). Prizes are provided as Bic stationary and/or outdoor furniture, or clothing items made from recycled plastic.

Prizes for winning schools are as listed below. The money will be in the name of the Winning school and not for the individual students.

1st Place – AED 10,000

2nd place - AED 5,000

3rd place - AED 2,500

Note: I humbly request the children to deposit the used notebooks and [text books](#) to the school as a part of the Paper collection 2023.



Dear parents,

As the academic year is getting over, we humbly request the children to deposit the used notebooks and text books to the school by 17th March 2023 as a part of the **Paper collection 2023**.

Dear all,

Pls note the orange bins are kept one at middle school Lobby and in secondary corridor. Pls inform the students of your class on the same.

Recycling is great, but it's much better to find new uses for your old plastic pens. Upcycle them into something new. Only plastic writing instruments are allowed in the recycling bin. Any non-plastic items will not be included in the collection weights for the competition. Metal parts to be removed.



Dear parents,

Greetings!

We are glad to inform that we have registered for the **"Write your future - Plastic Pen Recycling Challenge"** and we will be provided with 2 orange recycling bins by the reputed organization DGrade.

Kindly note only the writing instruments made of plastic are allowed in the recycling bin. Any non-plastic item will not be included in the collection weights for the competition. Winners will be calculated on a per capita basis by calculating the weight of plastic pen/markers collected by the school.



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1st Place – AED 10,000

2nd place - AED 5,000

3rd place - AED 2,500





Dear parents,
Greetings!

Pls note that we will have a **Bag Painting activity** on 10.1.23 – Tuesday during 6 & 7 the period.

Theme – “**My Dream**”

There is no right or wrong regarding how a person wants to bring his or her painting to life. The ability to imagine makes art truly beautiful, and the theme, "My Dream" helps one do that. Creativity reduces anxiety, depression, and stress and boosts happiness. Doing this on cotton bags is undoubtedly eco-friendly, as cotton cuts down on landfill waste and reduces pollution. So enjoy painting your cotton bags and have fun:- Christina Leonard (SAWA)

What to bring for this activity:

1. **Type of colours** (Preferred only fabric or acrylic paints)
2. Type of brush (One flat and one pointed)
3. Paper plate (To use as palette for mixing of colours)
4. Print out of a reference picture to draw and paint on the bag (if needed)
5. Apron (to protect the uniforms)
6. A3 size newspaper/any paper/newspaper to insert in the bag (to avoid paint impression on the other side of the bag)
7. One small disposable glass for water
8. Apart from this, students need to carry tissues for the activity and for cleaning the brush.

Looking forward to your cooperation as ever to make the event a success.
Thank You.

Dear all,

Wish you all a very happy new year!

Gentle reminder to collect 5 AED for Bag painting and I also request the teachers to pay for the same. Teachers will have painting activity on one of the stay back days.

I kindly request the coordinators to collect money from teachers and hand it over to me.

One Child
One Bag

BAG PAINTING ACTIVITY

Initiated by
SAWA Department
&
Environment

Theme: "My Dream"

Date: January 10th 2023

KG - I & KG - II during 3rd & 4th period

Grade 1 to Grade 9 & 11 during 6th & 7th period. Any changes will be informed further.



Dear Parents,

Greetings!

Clean UAE and will be held in in the month of December under the patronage of Ministry of Climate Change & Environment. Pls find attached the guidelines. You and your ward are welcome to choose and participate in any of the Emirate depending on your preference and availability. Other details, such as category of participation and fees are mentioned in the registration page. Please follow the below link and follow the instructions to register successfully.

Link here : <https://forms.gle/KsV5phkLaCHuAGRa9>

Note: When you register, select the option as non EEG member and as family. For bank details, Pls contact EEG.

I request you to take pics and share it by mail to suganthi@springdalesdubai.com.

Pls find the details below.

Date	Day	Emirate
5 th December 2022	Monday	Ajman
7 th December 2022	Wednesday	Fujairah
8 th December 2022	Thursday	Sharjah
10 th December 2022	Saturday	Dubai
12 th December 2022	Monday	Ras Al Khaimah
13 th December 2022	Tuesday	Umm Al Quwain
15 th December 2022	Thursday	Abu Dhabi

Dear all,

As part of the Climate Action project, it is good to include a “ Plantathon” behind KG section in our school premise. We will be taking pictures of students involvement while they do this activity. Considering the temperature, I would like to have this task during the first lesson for grade 6 to 8 on 1.11.22 (Tuesday) tomorrow 1st period. Kindly send the eco monitors of your class at 8.00 am. Students will assemble at the play area between phase 1 and 2. Teachers who are free during the first lesson can be part of this activity.



Dear all

We have collected **1360 Kg** of paper and **40 Kg** of plastic. Last date is November 22nd 2022.

We can a full-fledged collection drive for the next two weeks to meet the requirements.

Please motivate the children to bring the notebooks, waste papers. (1 kg per student) ASAP.

Thanks for your understanding.

Recyclables	Corporate Sector/Academic Institutions
Paper	2,000 Kg
Plastic	100 Kg



PANEL DISCUSSION

مجموعة عمل الإمارات للبيئة
EMIRATES ENVIRONMENTAL GROUP

Proudly Presents
Certificate of Appreciation

To: **Aarav Bhattacharya**

Participant

For attending EEG's
1st Panel Discussion 2023

Habiba Al Mar'ashi
Co-founder & Chairperson EEG



**CORPOREALISING THE
CIRCULAR PATH:
A SUSTAINABLE NECESSITY**

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To: **Angus Bharucha**

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To: **Hetal Lalchandani**

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Co-founder & Chairperson EEG



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To: **Kartik Kapoor**

Participant

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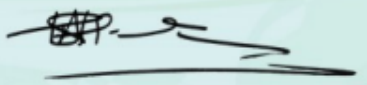
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To: **Leharika Maroti**

Participant

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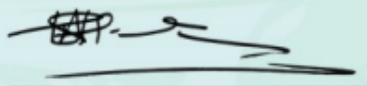
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To: **Neel Saxena**

Participant

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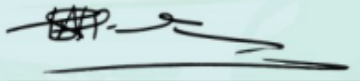
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To: **Riza Jaffrey**

Participant

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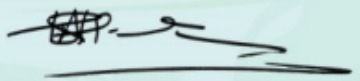
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To: **Shruti Mautesh Eladi**

Participant

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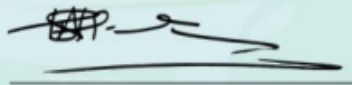
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To: **Siddh Sanghavi**

Participant

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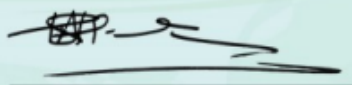
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To: **Sparsh Bhatia**

Participant

For attending EEG's
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Habiba Al Mar'ashi
Co-founder & Chairperson EEG



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To: **Tashvi Arora**

Participant

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مدرسة سبرينج دايلز دبي
SPRINGDALES SCHOOL DUBAI

Assembly/Event conducted by	Emirates Environment Group
In school or external event	External event
Grade/Section involved	11 and 12
Date / time	10 th May, 4 pm to 6:00 pm
Theme /Name of the Event	Panel Discussion
Teachers in charge	Ms. Suganthi
Number of students involved	11 students

HIGHLIGHTS OF THE EVENTS

The students were able to learn about "Corporealizing the Circular Path: A Sustainable Necessity" during a two-hour program. Accomplished speakers gave presentations on the subject matter and the students had a chance to ask questions to the panel. During the presentations, the accomplished speakers delved into various aspects of sustainable practices and the circular economy. They highlighted the importance of shifting from a linear model of production and consumption to a circular model that focuses on minimizing waste and maximizing resource efficiency. The speakers discussed the challenges and opportunities associated with implementing sustainable practices in different sectors, including manufacturing, energy, agriculture, and waste management.

The panel discussion provided a platform for the students to engage with the speakers and explore their understanding of the subject further. Students eagerly asked questions, seeking clarification and deeper insights into the practical implications of corporealizing the circular path. The panelists, experts in their respective fields, provided comprehensive answers, drawing on real-world examples and case studies to illustrate the potential benefits of adopting circular practices.

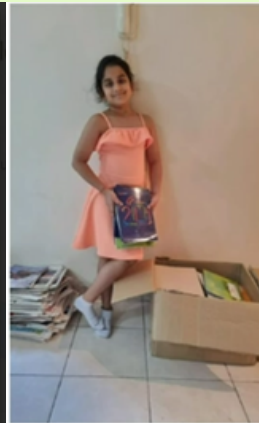
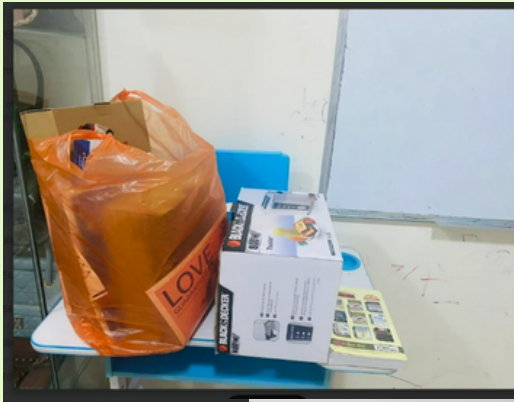
All of the participants had the chance to contribute their thoughts, ideas, and conversation on topics of shared interest. The presenters made efforts to describe their initiatives, such as aluminium recycling, the 2010 Lootah Biofuels efforts, solar powered car manufacturing competitions, etc.

The initiative was a wonderful way to help impact society and increase awareness in today's youth.



NEIGHBOURHOOD RECYCLING

1	Timestamp	Name of the student	Grade	Section	Amount of paper collected	Notes regarding your collection
2	2023/09/2	Muntaha Ali	Grade 1	A	1 Kg	We will drop it at school
3	2023/09/2	Adham scaria	KG1	D	4 Kg	Papers , carton box, books
4	2023/09/2	Aashrith vaddi	Grade 5	A	More than 4 Kg	Newspapers,tissue boxes,plastic bottle
5	2023/09/2	Aarush vaddi	Grade 3	A	More than 4 Kg	Newspapers,cardboard box,plastic bottles tissue boxes
6	2023/09/2	Aaron Pardeshi	Grade 11	D	More than 4 Kg	hi mam i have kept the full box on reception with his name should be more than 15 kgs
7	2023/09/2	Shivaay Bothra	KG2	D	3 Kg	From neighbors collected old newspaper for school recycling project
8	2023/10/0	Neehara	Grade 6	A	More than 4 Kg	Approx. 6kg. Contains old books, newspapers, magazines etc.
9	2023/10/0	Geetanshi Sachdev	Grade 2	A	More than 4 Kg	With the help of my community I have collected more than 4kg waste paper.
10	2023/10/0	Mokshita Sai Pranathi Nukala	Grade 11	B	More than 4 Kg	I have gathered approximately 15 kilograms of cardboard, old newspapers, and books from neighboring households.





SUSTAINABILITY SUPERSTARS

- ☐ Grade 1 - How does planting trees help the environment?
- ☐ Grade 2 - Why is it important to turn off the lights when you leave a room?
- ☐ Grade 3 - How can food waste be reduced?
- ☐ Grade 4 - Why is it important to reduce the use of plastic bags?
- ☐ Grade 5 - What are some effective strategies for promoting sustainable water use in your community?
- ☐ Grade 6 - What are the potential benefits of biodiversity conservation and ecosystem restoration?
- ☐ Grade 7 - What are the different modes of sustainable transportation available in our community, and how do they compare in terms of cost, convenience, and environmental impact?
- ☐ Grade 8 - What are the potential economic and environmental benefits of using AI in waste management?
- ☐ Grade 9 - What are some effective strategies for reducing carbon emissions in the transportation sector?
- ☐ Grade 10 - What are the potential risks and benefits of genetically modified crops in promoting sustainable agriculture and reducing global hunger?
- ☐ Grade 11 - How can businesses be encouraged to embrace a circular economy and reduce their environmental effect?
- ☐ Grade 12 - What is the role of international agreements and partnerships in promoting sustainable water management and reducing water related conflicts?



GRADE 6



World Environment Day Activity

Aadhya Sinha – 6B

What are the potential benefits of biodiversity conservation and ecosystem restoration?



Ecosystem restoration offers the opportunity to effectively halt and reverse degradation, improve ecosystem services and recover biodiversity. It is estimated that 60 per cent of expected species extinctions could be avoided through the effective restoration of 15 per cent of converted lands.

What are the potential benefits of biodiversity conservation and ecosystem restoration?

Higher biodiversity stabilizes ecosystems against environmental change, invasive species and disease, and improves resilience to disturbance and potentially climate change. This dependence has been classified into four main services provisioning, regulating, cultural, and supporting—and each is essential to human health. Without biodiversity, our entire support system for human, as well as animal life, would collapse. We rely on nature to provide us with food and clean water, for a lot of medicines, and to prevent flooding and other extreme weather effects. Restoring ecosystem it helps us provides habitat for native plants and wildlife. It supports natural processes soil regeneration, flood prevention, waste decomposition, crop pollination, seed dispersal which we depend on our survival.

-ALWIS JOSEPH

What are the potential benefits of biodiversity conservation and ecosystem restoration?

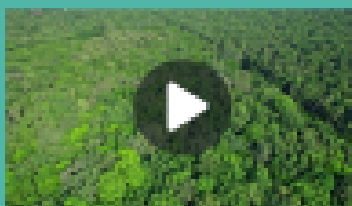
Ecosystem restoration offers the opportunity to effectively halt and reverse degradation, improve ecosystem services and recover biodiversity. It is estimated that 60% of expected species extinctions could be avoided through the effective restoration of 15% of converted lands.

. Biodiversity supports habitats for all species by providing many unique environments in which species can exist

. They provide clean air, fresh water, medicines and food security. They also limit disease and stabilize the climate

Anaiah

NIMAI KATHARIA



WHAT ARE THE ADVANTAGES OF BIODIVERSITY CONSERVATION

Biodiversity conservation is the protection and management of biodiversity to obtain resources from the sustainable development.

Some advantages of it are -

1. Biodiversity is linked to cleaner water
2. Biodiversity is vital for healthy plants and animals.
3. Biodiversity means better food security.
4. Biodiversity protects medicinal plants
5. Healthy soil is diverse.



◇ Potential Benefits Of Biodiversity

- ◇ The potential benefits of biodiversity conservation and ecosystem restoration are numerous and can include climate change mitigation and adaptation, the protection of vulnerable species, sustainable economic development, cultural preservation, and the provision of ecosystem services to communities and individuals. The restoration of ecosystems can also help to reduce the negative impacts of climate change, enhance the resilience of communities, and provide opportunities for education and research.



By: Zayed Ahamad Jafri – 6B

The benefits of biodiversity conservation are to help more animals live, save animal habitats and helping the environment.

Ecosystem restoration helps us to get more area and reconstructing animal wildlife and their habitat.

-MOKSH H |

Ecosystem restoration offers the opportunity to effectively halt and reverse degradation, improve ecosystem services and recover biodiversity. Biodiversity conservation protects plant, animal, microbial and genetic resources for food production, agriculture, and ecosystem functions such as fertilising the soil, recycling nutrients, regulating pests and disease, controlling erosion, and pollinating crops and trees.

-Parveen Chauhan |



What are potential benefits of biodiversity conservation and ecosystem restoration?

**HEENA
CHANDI**

Ans: Biodiversity is the vast species of plants in a particular habitat, conservation of biodiversity is preserving the plants species, habitat and ecosystems for their better growth and living conditions. If we conserve biodiversity, there will be a lot of benefits as follows-

1. Plants provide us with oxygen (they breathe our exhaled carbon dioxide and convert it to oxygen) and with this oxygen, we human can breathe and as a result survive.
2. They are the main starters of the food chain and used as crops in some cases, so protecting plants even farmers will have a business and we will get food to survive.
3. Biodiversity has an impact on the environment as well, as it helps keep it green and healthy improving our living standards.

These are a few points as to why conserving biodiversity is important, now moving on to eco-system restoration, eco-system restoration is the practice of restoring destroyed or troubled ecosystems, benefits of restoring the ecosystem are -

1. Gives us more fertile soil to grow crops which plant more trees and gives us more oxygen.
2. It enables the environment to heal on its own from any degradation of events in the past.
3. It also reserves green house gases

These are the benefits as to why ecosystem restoration and conservation of biodiversity are important practices that should be implemented in our daily life.

What are the potential benefits of biodiversity conservation and ecosystem restoration?

**Kotta Meher
Yukta**

Ans: The potential benefits of biodiversity conservation includes for what it provides to humans, and for the value it has in its own right. It also includes the many basic needs humans obtain from biodiversity such as food, fuel, shelter, and medicine. Also, biodiversity provides crucial services such as pollination, seed dispersal, natural water purification, control of agricultural pests etc.

The potential benefits of ecosystem restoration is that it means to assist in the recovery of ecosystems that have been degraded or destroyed, as well as conserving the ecosystems that are still intact. Healthier ecosystems, with richer biodiversity, yield greater. Potential benefits include such as more fertile soils, bigger yields and also helps eliminating or modifying causes of establishing the natural processes like natural fires, floods, or predator-prey relationships.



GRADE 8

What is AI?

An AI is a computer system capable of performing tasks that typically require human intelligence, such as understanding natural language, solving problems, recognizing patterns, and making decisions. It learns from data, adapts to new information, and can be applied across various industries for a wide range of applications.

What are the potential economic and environmental benefits of using AI in waste management?

Using AI in waste management offers numerous economic and environmental benefits. AI enables optimal resource allocation, reducing costs by optimizing waste collection routes and identifying efficient recycling and disposal facilities. It improves recycling and sorting processes, enhancing the quantity and quality of recycled materials while reducing reliance on manual labor. AI also allows for accurate waste composition analysis, enabling targeted waste reduction strategies. Additionally, predictive maintenance using AI minimizes equipment breakdowns and downtime, optimizing operational efficiency. Ultimately, AI in waste management supports cost savings, increased recycling rates, reduced waste generation, and improved environmental sustainability.

- Viraj Rai

Using ai can give us more detailed answers to our problems, it analyzes every detail and gives us a extremely detailed solution to our problems.

-Sabeel



Using artificial intelligence (AI) in waste management can offer several potential economic and environmental benefits. Here are some of the benefits:

1. **Optimal resource allocation:** AI can analyze large amounts of data to identify patterns and optimize waste management processes. It can help determine the most efficient routes for waste collection and identify areas with higher waste generation, leading to optimized resource allocation. This can reduce fuel consumption, transportation costs, and overall operational expenses.
2. **Enhanced recycling and sorting:** AI-powered technologies can improve waste sorting and recycling processes. Machine learning algorithms can analyze images of waste items and classify them accurately, facilitating efficient recycling and reducing contamination. This enables more effective separation of recyclable materials, leading to increased recycling rates and reduced waste sent to landfills or incineration.
3. **Predictive maintenance:** AI can predict equipment failures and maintenance needs in waste management facilities. By analyzing sensor data and historical patterns, AI algorithms can identify potential issues before they occur, enabling proactive maintenance. This reduces downtime, extends the lifespan of equipment, and optimizes resource utilization, resulting in cost savings.
4. **Waste composition analysis:** AI can analyze waste composition data to gain insights into the types and quantities of waste generated. This information helps in developing targeted waste reduction strategies, optimizing waste collection routes, and identifying potential recycling opportunities. By understanding the waste stream better, municipalities and businesses can implement more effective waste management practices and potentially reduce waste generation.
5. **Smart waste bins:** AI can be integrated into smart waste bins or containers to optimize waste collection. These bins can use sensors to monitor waste levels and transmit data in real-time, allowing waste management authorities to plan collection schedules more efficiently. This reduces unnecessary trips, saves fuel, and minimizes greenhouse gas emissions.
6. **Decision support systems:** AI can provide decision support systems for waste management authorities. By analyzing historical and real-time data, AI algorithms can assist in making data-driven decisions related to waste collection, recycling initiatives, infrastructure planning, and policy formulation. This can lead to more efficient resource allocation, improved waste management strategies, and better overall environmental outcomes.

Overall, the integration of AI in waste management has the potential to not only enhance operational efficiency, but also reduce costs, increase recycling rates, minimize waste generation, and contribute to a more sustainable and environmentally friendly approach to waste management.

-Lavitra



ENVIRONMENT DAY ACTIVITY

The activity for the day:

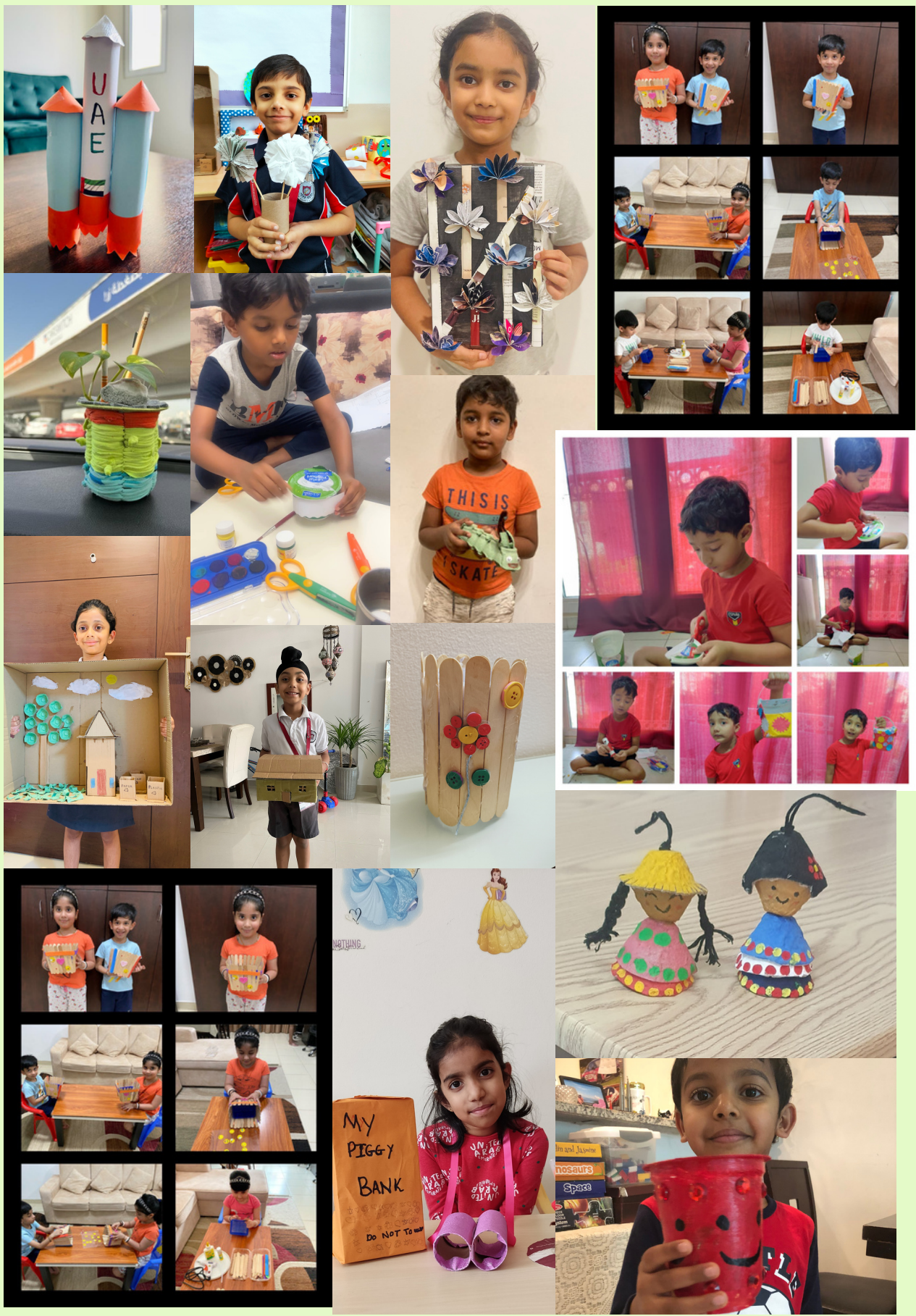
Kindergarten - Theme: Our Environment

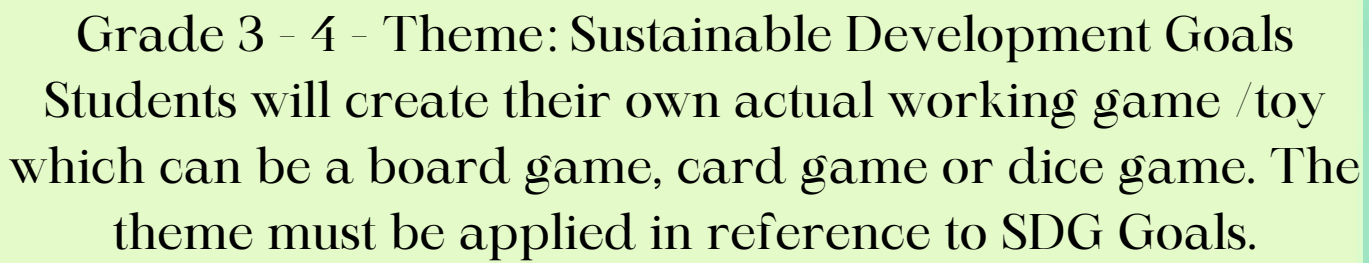
Students will make pen stand using plastic yoghurt glass or plant a seed in plastic yoghurt glass.

Grade 1-2 - Theme: Reduce and Reuse

Children will do Eco-friendly crafts with recycled materials such as cardboard, egg cartons and tissue paper etc







Students will transform worn-out T-shirts into stylish tote bags. Primary Students will send their work to the given link Environment Day Activity Submission Juniors on or before 20.5.23.

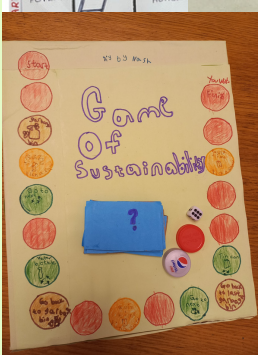
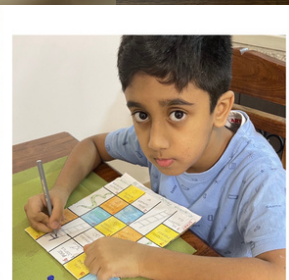
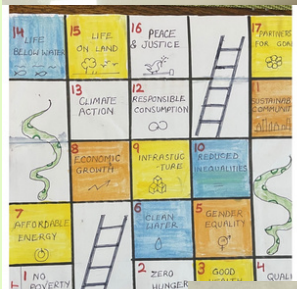
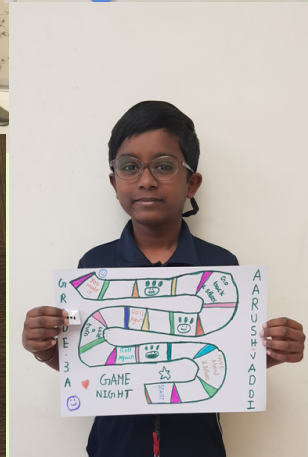
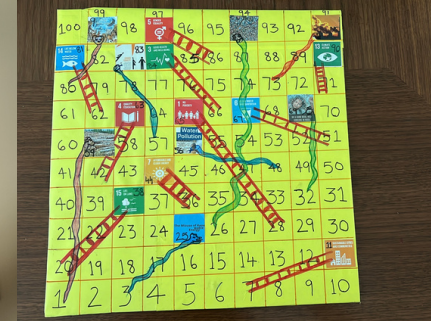
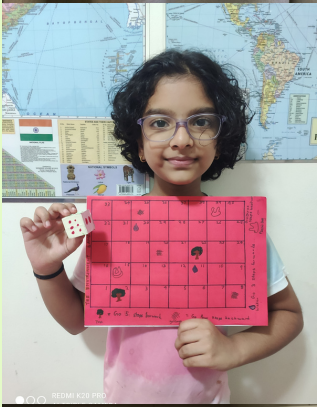




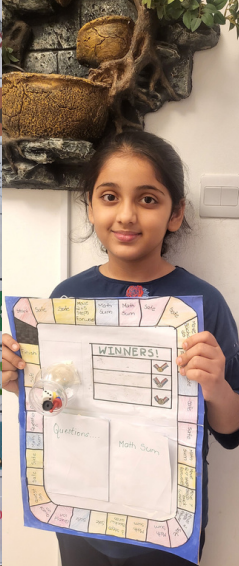
Omisha Sehgal
Grade 5C



Snooker
Game
Using Recycled
Material
(Sustainable
Board Game
by
Dhairya Mulani
Grade 3D



Anusha Karanjgaokar 5A





ECO T-SHIRT DESING COMPETITION

Aarna Patnaik of 6A is shortlisted for ECOT-shirt design competition sponsored by Mai Dubai organized by Simply bottles.





EARTH DAY ACTIVITY

Grade 6





EARTH DAY ACTIVITY

Grade 7







EEG Drawing competition

Glimpse of EEG drawing competition



Noel 2 D



Tenzing 2 D



Vrenya 2A



Dhairya 2D



Isabel 2A





PLANTATHON ACTIVITY







مدرسة سبرينج دايلز دبي

SPRINGDALES SCHOOL DUBAI

"Quintessentially Indian, Innovatively International"

Principal :Dr. Brian Gray | principalpa@springdalesdubai.com

SLTP/WS/T1-0019

Date – 6th September, 2023



Dear Parents,

Springdales School is always striving to create real life learning through life experiences for our students. We are excited to announce an initiative that will not only promote sustainability and environmental awareness, but also provide valuable learning experiences for our students - the establishment of a '**School Vegetable Garden**'.

To achieve the goal of a sense of responsibility towards our planet and an understanding of where our food comes from, a school vegetable garden is an initiative where every student will contribute towards its creation and upkeep.

This will foster teamwork, creativity, and a deeper connection with nature.

There will also be an opportunity to boost our students' entrepreneurial skills once we have the produce. The tasks will be divided as per the age group where the older students will help out in creating and maintaining the garden and the younger ones will take turns in nurturing the same.



RANDOM
ACTS
OF GREEN

"You can start
changing the world
for the better daily -
no matter how small
the action."

Nelson Mandela

