

# grow

The newsletter of  
Jane Goodall's  
Roots & Shoots

UAE

Dear Members,

How quickly the Summer has come around. It's hard to believe that we are already half-way through the year. After two years of the Pandemic, I have to admit going back to the proverbial 'normal' has been a bit unsettling.

I undertook a return trip to the UAE last month, visiting both long-standing member schools and new schools in Dubai and Abu Dhabi. This followed major celebrations in the UK, where we had the privilege of celebrating Her Majesty's Jubilee.

It was heart-warming to see how much Roots & Shoots has become, not just a programme, but a way of life for our young members. They have embraced its qualities as a fundamental part of both their curriculum and their day-to-day activities for living a more environmentally conscious life and hence leaving a lighter ecological footprint on our precious planet.

The qualities that Queen Elizabeth embodies, those of commitment, resilience, endurance, kindness, dedication and ultimately love for her people are highlighted through the many projects I visited first hand in the UAE.

As a charity, JGI has been lucky enough to work closely with St George's House at Windsor Castle, and their amazing team, on our annual Roots & Shoots Summit held in their spectacular grounds every year. Students are chosen to attend from around the world, including the UAE.

In the meantime, please read on and enjoy our Summer update, highlighting some of the great work of our young members who are already following well in Her Majesty's footsteps, demonstrating the qualities that create a better future for our Planet, its environment and all its inhabitants.

Have a great Summer,

Tara Golshan  
Executive Director



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## Our ED trip to the UAE takes flight...

We are thrilled to announce that our UAE schools have been super busy integrating Roots & Shoots into their National Curriculum. Tara Golshan had the pleasure of visiting the UAE last month. Here are just a few of the highlights;

**Pristine Private School – Dubai** – under the expert leadership of Zainab Roker the school has been highly active in environmental and humanitarian work including the Eco School Green Flag and the NASA Astronaut Project. They will soon be taking part in the Twinning Programme. Our ED was honoured to be the keynote speaker at their Graduation Event at Amati University.

**Delhi Private School – Dubai** – The Principal, Rashmi Nandkeolyar has started to embrace R&S through some exciting Eco projects.

**Abu Dhabi Indian School, Muroor** – under Aditi and her amazing team the schools had attended the Virtual Roots & Shoots Awards last year. The students are hugely active with an amazing water saving project, HOLD THAT DROP which includes the creation of an exciting and innovative new app. They will also be taking part in the Twinning Programme.

**GEMS United Indian School** – thanks to the dedication of Bhindu Zachariah and her team they have undertaken a huge variety of R&S projects including an environmental exhibition with a range of eco-friendly practical designs and a creative environmental fashion show.

**Fairgreen International School** – one of our longest standing members, under Adam Hall's amazing leadership, Fairgreen have developed impressive organic gardens and an animal rescue centre. A Jane Goodall building block, with her wise sayings displayed around the school, lays testament to her influence and vision.

**The Arbor School** – the Arbor School is an international, ecological school,



Environmental Garden at GEMS United Indian School, Abu Dhabi



Tara Golshan gives the keynote speech at the Amity University Graduation Event for Pristine Private School



Visit to Fairgreen with DPW staff member Fatma Hussain & Jane Goodall Building

based on the British curriculum and offers places in Foundation Stage 1 through to Year 9. Started in 2019, three years ago by a Doctor who wanted to originate a school with the main focus on sustainability incorporated into every subject.

Amazing eco education Domes, a building named after Jane, and an animal rescue centre. Read the full article in this edition.

Special congratulations to Abu Dhabi and Gems United Indian School for integrating the programme so successfully and getting the whole school involvement, in some cases over 3000 students have taken part in one project! And a special commendation to Fairgreen for all their on-going work in regards to their environmental projects, not to mention the special building named after our prestigious founder.

A very warm welcome to our new members at the Pristine and Delhi Private Schools and the Dubai Gem Private School who have started to develop Roots & Shoots activities.

**Watch this space to hear more about the awards, planned for January 2023, and Dr Jane's next visit.**

More on Mayoor's wonderful projects [here](#)

# Mayoor Private School

## – Microgreens – Connect with Nature

Throwback project

**Objective:** learning the basics of plant biology, developing awareness and interest in plants as food. Learn how to conduct investigation systematically using scientific processes.

Growing microgreens is not just for adults, it can be a fun way for children to connect with nature. Microgreens provide an engaging project at home or at school, teaching about where food comes from and how to grow it.

Students from KG to Grade 12 actively participated in the project and submitted their own microgreens to the class teachers. They have used different kinds of seeds for this project and parent support was amazing. Students documented the growth of plants in different ways like creating a photo documentary, videos and reports in their nature journals.

Students of KG2 had a wonderful planting hand-on activity for a week wherein they decided to sow their own seeds. They got a deeper understanding of the life cycle of the plant by observing daily their plant growing and maintaining their records in the record sheet. Students were now able to relate their understanding with the current unit "Plant Kingdom". Needs of the plant, life cycle of the plant, taking care of the plants.



Students planting and growing microgreens

Healthy meals with home grown microgreens



Microgreens: How to Grow Nature's Own Superfood



Spreading the seeds on a tissue bed

**Reflection:** The enthusiastic Mayoories have showcased their commitment towards a greener & cleaner world by actively participating in the project-based learning. They have successfully planted the seed of information - with the hope that things will get better, where people have the knowledge, will & commitment towards the environment. Students enjoyed and had a very good learning experience through this hands-on activity. It was nice to see them eager to show off their plants and excited to maintain the record of their plant growth. They have instilled a very caring attitude towards plants and their pet animals.



Watering microgreens while in soil

Photos: Mayoor Private School

# Dunecrest American School's fundraiser

Thank you Dunecrest for raising funds for Roots & Shoots Burundi and their tree planting activities!

Dunecrest Elementary Student Council organised a flower sale to raise money and educate students on the importance of planting trees and caring for our Earth.

Through their efforts they were able to sell over 200 flowers and raise over 800 dirhams for the Roots & Shoots planting initiative in Burundi. The student council members were amazed at how quickly the flowers sold and the support they received from the entire Dunecrest community. They have all agreed that next year they plan to increase their flower sales by 50% in an effort to continue to support the planting of trees worldwide! Who knows? Maybe the 'seed of their idea' will help inspire other schools to adopt similar flower to tree planting initiatives.

*"We had so much fun organizing this event! Raising money to plant trees and sending each student home with a flower to plant in their own gardens was a great way to teach Dunecrest students about the importance of caring for our environment."*

– Mehdi Jaafar, Grade 4

*"As an IB World School, Dunecrest empowers students to make a positive impact on their communities and the world beyond by embedding the UN Sustainable Development Goals in our curriculum and creating initiatives that inspire children to take real-world action."* – Dylan Carter, Secondary Assistant Principal



Students selling flowers at their stall

Flower stall



Students getting flowers ready for sale

Photos: Dunecrest American School

# Sunrise English Private School's Organic farm

The possibility of adopting organic farming as a means of promoting sustainable agriculture has been the main objective of this project. Organic manure has the added advantage of providing more healthy vegetables for human consumption and ensuring optimum soil fertility for sustainable production.

Our Eco club members of Sunrise started an organic farm in our School premise in 2018. We started with some vegetables and medicinal plants. Now it has expanded with a variety of fruits like papaya, pomegranate, avocado, mango and more.

In 2019 we started a new way of farming – Microgreens - making a highly nutritious salads in 10 days.

Students used to bring sprouted seeds of moong and methi. Grow them in pots and harvest in 10 days.

Another attraction of our farm is we started growing plants without soil. HYDROPONICS - plants can be grown throughout the year and they give double the amount of yield and profit in less time and in all climates while compared with normal farming. This farming is totally eco-friendly as no harm such as usage of insecticides or pesticides which harm our mankind and environment are used.



1



2

More on Sunrise English Private School and their activities [here](#)

Another plus point of our farm is we are making organic manure from the school itself by using the Machine Smart Cara. An example for artificial intelligence in the Environment. Students collect waste from home and make the manure the farm has developed into a place where a variety of groups are involved in growing food.



3



4



Photos: Sunrise English Private School

1. Team proudly holding hydroponics farm produce 2. Students with hydroponics farm produce 3. Farm produce 4. Microgreen farm




## 14th July

### How you can celebrate?

### World Chimpanzee Day

The day honours the anniversary of the moment in 1960 when 26-year-old Jane Goodall first stepped foot onto the shores of Lake Tanganyika in Gombe, Tanzania, to study these mysterious and wonderful beings. Jane's insights that chimpanzees make and use tools, are compassionate, have dynamic personalities and intelligence – and deserve our respect – transformed the scientific landscape, forever redefining our relationship with the animals we share this planet with. As Dr Jane Goodall has said:

*'We are not different in kind, but rather by mere degree.'*

**Record a Pant hoot**  
Dr Jane Goodall will often start her talks and events off with an [amazing pant-hoot greeting](#), so we would love you to record your own pant-hoot and share it on social media! Don't forget to include **#WorldChimpanzeeDay** **#wcd2022** **#GiveaPANTHOOT** and of course **@JaneGoodallUK** so we can like and share!

**World Chimpanzee Day Webinar**  
Join our team of experts as we discuss chimpanzee fun facts, learn about chimpanzee behaviors and language and about their conservation. This webinar will be open to youth of all ages (while it is aimed at 13 years and older), and it will be a fun way to allow your groups to learn more about our closest living relatives. The webinar will be held at 13:00 GMT on 14th July 2022 [Zoom link](#)

# A very warm welcome to Arbor School

We at Arbor School are delighted to be the newest members of the Jane Goodall's Roots & Shoots Programme!

Arbor, an environmentally focused school, teaches our students to think in the wider context of the world, instilling an awareness of environmental justice and sustainability. We are uniquely prepared to jump right into sharing some meaningful projects; from the bespoke place-based, inquiry-driven Ecoliteracy curriculum we deliver to our FS through KS4 students; to our outrageously adventurous teaching spaces which features a working farm, learning gardens, a reflection garden, mud kitchens, and six geodesic domes - two of which have been curated into tropical biodome teaching spaces and one a project-inspired collaboration space.

As part of our service-learning project work, the students in KS4 develop their own inquiries and develop outreach projects to the wider community of Dubai. This has recently involved co-founding the Dubai Oyster Project, working with a local environmental group and Dubai-based oyster restaurant to build artificial reefs using discarded, gargours (fish traps which are now illegal) and discarded oyster shells from the restaurant. The students have been inquiring into how oysters and other bivalves are pivotal to marine ecology and have begun to develop ecological sampling skills to measure the success over time.

Meanwhile, our KS3 students have been developing UAE-based projects inspired by their inquiries into our deserts, wadis, mangroves and wetlands, culminating in self-initiated projects to promote awareness of conservation issues. The students have been taking advantage of the tools and resources available to them to reach out to the community.



One student wrote to Emirates airlines with a carefully written article for their sky magazine which had been based on their research into responsible activities when visiting Dubai's beaches, targeting overseas tourists.

Another fantastic idea that a student developed was inspired during a visit to the cinema, noticing the amount of waste that was generated. He created the concept of bringing your own box to collect your popcorn in, to minimise waste and pitched it to Vox Cinemas with the slogan: "Bring your own box, when you watch at Vox!"

Ambitiously, two students in Year 7 wrote to Emaar, the company responsible for the management of the Burj Khalifa, asking them to project a design they had created onto the tower to raise awareness about barbecuing in the desert, making sure not to leave any trace behind.

Our wonderful students have been motivated to drive forward authentic changes using tools that are within their reach; we have had Instagram accounts go live, reef-safe sunscreens being researched and produced, websites being

1. Letter to Emirates Airline 2. The Goodall House at Arbor School 3. Our ED Tara Golshan with the Arbor School team

developed, mobile pop-up ads created, desert-cleaning robots coded, and many more fabulous, innovative creations. As a school, it is incredibly rewarding to see our young people care so much about making changes to our city, understanding the implications of their actions.

Stand by, as we prepare the next batch of eco projects in the new school year... And keep an eye on the Burj Khalifa, Emirates flights and at Vox Cinemas, where you may just notice some Arborists!

## We are back! Roots & Shoots Awards 2023 – get posting!

To say that we missed our in-person events will be a huge understatement!

Especially our Roots & Shoots Annual Awards – the energy, the inspiration, the hope that you feel in the room – no online platform can match that.

We are delighted and so excited that the Roots & Shoots 2023 Awards, in-person, are in the planning stages already. To be held last week in January, 2023. Dr Jane and the team look forward to seeing you in Dubai.

### How can you be part of the Awards 2023?

Work hard on your projects to benefit animals, the environment and your community, and post them all on the [Roots & Shoots website](#). Each entry gets you closer to enjoy a day of celebrating all the positive



Dr Jane with Roots & Shoots members at the Awards 2017

difference you have made and continue making to the Planet and its inhabitants!

If you have any questions, please reach out to Jasmina Georgovska [jasmina@janegoodall.org.uk](mailto:jasmina@janegoodall.org.uk)

## NoWasteNovember

No Waste November is back for 2022, and we want you AND your friends, family, colleagues and classmates to get involved. It's a month-long event that supports and empowers individuals and institutions to tackle a waste form in their own communities and in turn create positive global impact.

No Waste November is all about inspiring action to reduce waste and to think about the effects waste has on the environment, climate change and conservation. Over this month, Roots & Shoots invites you to notice and reduce your daily waste in simple and creative ways. Even little changes can add up to a big difference on a global scale! Keep an eye on the [Roots & Shoots website](#) for ideas on how to get involved.



# Where is Jane?

Dr Jane used to travel around 300 days a year, spreading the message of hope and inspiring thousands of people all over the World. The pandemic quickly put a stop to that. Dr Jane and her teams around the Globe adapted immediately through the technology of Zoom, Teams and other IT platforms. It was an adjustment to all, but the goal was the same – Educate, Inspire, Act!

**In April**, Dr Jane travelled to the USA for the first time in two years. On the 5th April, she was able to have her first COVID friendly opportunity to see the #BecomingJane exhibit for a private event at the Natural History Museum of Los Angeles County!

The morning began by taking a private tour through the [Becoming Jane exhibit](#). Faced with decades of her life's work, even going as far back as her childhood, it was understandably a very powerful moment for Dr Goodall, who incorporated those fresh memories into her morning speech. Addressing the Roots & Shoots USA youth changemakers, who had been invited to present their projects to the broader R&S community, Dr Goodall spoke with Saad Amer about the troubles facing the planet and how our youngest generations are at the forefront of environmental activism. Following her presentation to the members of Roots & Shoots USA, Dr Goodall then sat down for a moderated conversation with Los Angeles Times reporter, Patt Morrison.

**In September 2021**, Cosmic Picture announced that it will distribute **Jane Goodall's Reasons for Hope**, an exciting new giant screen film currently in production with the talented team at Science North, an interactive science museum in Greater Sudbury, Ontario, Canada.

Jane Goodall's philosophy of Hope is based on the iconic Jane Goodall's philosophy of hope for the world and all of life on it, including both the natural world and its human inhabitants. Dr Jane has long been recognized as a trailblazer who revolutionized our understanding of the world. Drawing on historical footage of Jane's early primate research and her current work as a global advocate for environmental and wildlife conservation, the film will highlight inspiring stories – inclusive of those advanced by her namesake institute - that embody Jane's reasons for hope across four key themes: the energy and dedication of young people, the extraordinary human brain, the resilience of nature, and the indomitable human spirit. This is Science North's 8th giant screen film, which includes Jane Goodall's Wild Chimpanzees released in 2002 to international great acclaim.

**The film will be available April 2023 in Digital 2D & 3D for IMAX and giant screen theatres.**

Dr Jane travelled to Austria recently to see the reintroduction programme for wild Ibis near Salzburg.

She had a short journey in a microlite which is used to teach young ibis to travel on their migration routes.

In mid-June, Dr Jane travelled to Montana for further IMAX filming with a Buffalo reintroduction programme and then to Sudbury in Canada where that area has been the subject of a major restoration project.

Although she is still doing many events virtually by



Jane looking at the Ibis nests in the cliffs



Jane in the microlite ready to take off



Jane on Stage at LANHM

Photo: LANHM

Photo: Brenda Tremblay

Photo: Chris Elliott

Photo: Diana Leitzinger

Photo: LANHM

zoom from her home in Bournemouth, Dr Jane hopes to visit JGI's programmes in Tanzania in July and August and to travel to a few locations in North America before attending the JGI Global meeting in Vienna in November.

Dr Jane is already looking forward to the Roots & Shoots Awards in Dubai in January 2023.



# Check out our new Roots & Shoots resources – sponsored by DP World

Here at Roots & Shoots, we work hard to produce interesting, exciting and interactive resources and activities for all our members. And to keep them free and accessible to all – a special thank you to DP World for supporting the Roots & Shoots Programme.

Here are our latest ones for you to enjoy – download the wealth of activities, integrate them into your curriculum, design a project for your class, take positive action...



### Sustainable Shipping

Around 80% of world trade is transported by ships, but how often do you think about the environmental impact of shipping? In this resource we will think about the impact shipping has on us and our planet and come up with some ideas for creating more sustainable shipping.

### A Tale of two Ports

Jebel Ali in Dubai is home to the biggest and busiest port in the Middle East. London Gateway in Essex is the newest and most advanced container port in the UK. Separated by thousands of kilometres, what do they share in common and what sets them apart?



We look forward to reading how you will use these resources and what your students will learn

# Peace Day – 21st September

Every year in September, Roots & Shoots groups from around the world celebrate Roots & Shoots Peace Day and honour the UN [International Day of Peace](#). Dr Jane has been a UN Messenger of Peace since 2002 and she inspires us all to live in harmony with nature and each other. Each Roots & Shoots project is a step towards a future in which humans can live in peace in an environmentally sustainable way – a step towards achieving the UN Sustainable Development Goals.

Here at Roots & Shoots we would like to encourage you to take part. Here are a few ideas to get you started:

- Sing the [Peace Day Song](#)
- Share ideas – what is Peace? How can you contribute to a World of compassion and empathy? Create a poster/mural and write Peace in different languages; talk about all the things that unite us
- [Host a Peace Day Parade](#). Make a Giant Peace Dove (get the whole class/school involved) and Small Peace Day Doves (colour each dove in a different skin colour and fly them together)



Photo: the Jane Goodall Institute

2022 Theme:  
**End Racism. Build Peace.**

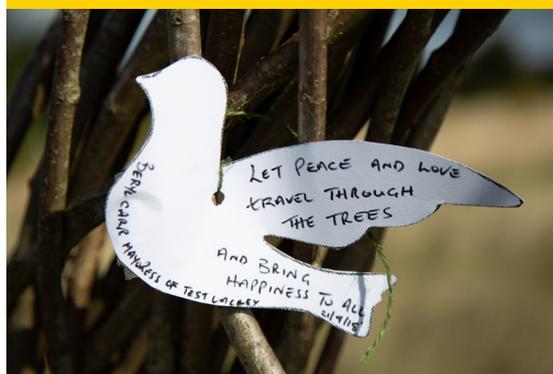


Photo: John Baxter

- Write a pledge on your dove – what can you do to bring Peace and harmony? And of course, share your pledges and photos with us! We will create a gallery and inspire even more people! E-mail Jasmina Georgovska at [jasmina@janegoodall.org.uk](mailto:jasmina@janegoodall.org.uk)

# Inspiration and Hope: An Event to Celebrate Dr Jane Goodall

As mentioned in last year's Summer newsletter, Dr Jane Goodall, DBE was announced as the Templeton Prize Laureate for 2021.

The Templeton Prize honours individuals whose exemplary achievements harness the power of the sciences to explore the deepest questions of the universe and humankind's place and purpose within it.

The presentation ceremony was sadly delayed by Covid restrictions, but the Roots & Shoots team was very proud to be in attendance when it finally took place at the Natural History Museum in London on May 5. The event was held in the museum's stunning Hintze Hall, where we sat beneath a huge blue whale skeleton suspended from the ceiling. Named Hope, the skeleton is a reminder of humanity's responsibility to protect our planet – a perfect setting for an event honouring Dr Jane.

Celebrating Dr Goodall's outstanding achievements and global impact in the realms of science and conservation, this prize affirms her role as a singular figure of the last century catalysing positive change on an international scale. During the event, Dr Jane was interviewed by CNN's Chief International Anchor, Christiane Amanpour, before a Q&A with the audience.



Photo: Roots & Shoots UK

Each Templeton Prize laureate receives a medal and bespoke scroll relating to their life and work. We were so excited to see that Dr Jane's scroll featured the Roots & Shoots logo! Other elements included a leaf to represent the beech tree she would climb as a child; her favourite childhood book, Tarzan; an egg to represent her curiosity; an image of one of her favourite chimpanzees, Flo and the Jane Goodall Institute logo.