

grow

The newsletter of
Jane Goodall's
roots&shoots

UNITED KINGDOM

Dear Members,

Another year comes to a close.

It definitely feels as if time is speeding up, not slowing down. Someone once told me that the older we get, the faster time goes. All the more reason to enjoy the precious moments that we are blessed with!

Just a few of our highlights this year include our inspirational events with Dr Jane, most notably the One Young World Summit in October, and our amazing twinning programme on both sides of the water which, once again, is bringing out the creativity and resourcefulness from our young members.

Recently, I've been thinking a great deal about the nature of giving. Given that we are now coming up to the Festive season, it seems appropriate to devote a few thoughts to it. After all, giving is what it really is all about.

True giving lies in not wanting anything in return; to give without being attached to any particular reward or outcome. That seems to be the general philosophy of our young members here at Roots & Shoots.

As another productive year comes to a close I wish each and every one of you a Happy New Year in 2020.

May you enjoy the art of giving this Christmas in whatever form it takes.

Merry Christmas,



Tara Golshan
Executive Director, Education



Norwich Science Festival – Page 5



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Wounda and baby Hope – Page 6

An uplifting Peace Day

Every year in September, Roots & Shoots groups from around the world celebrate Roots & Shoots Peace Day and honour the UN International Day of Peace.



Photo: Burdock Photography

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.

This year's theme was "Climate Action for Peace". The theme draws attention to the importance of combatting climate change as a way to protect and promote peace throughout the world.

Andover Trees United (ATU) and the town of Andover hosted the Parade for the second time. Nine of our amazing member schools took part, carrying their doves of peace in Harmony Woods, the community woodland that they are all helping to plant.

The Roots & Shoots 'Making Doves for Peace Day' sessions in the town gave the Andover Vision Team the chance to showcase their environmental ambitions and contributions. Children and families who took part made several hundred doves led by a rota of 10 Roots & Shoots youngsters (ATU's 'Junior Branch') and ATU volunteers. These paper doves

joined the giant doves in Harmony Woods on the day of the procession.

We were delighted to welcome the Deputy Lieutenant of Hampshire Lady Portal MBE DL and the Mayor of Test Valley Borough Council, Cllr Martin Hatley.

Thank you to the staff and children of Abbotts Ann School; Andover C of E School; Anton Junior School; Harrow Way School; Portway Junior School; Roman Way School; Rookwood School; Vigo School and Winton Academy.

Andover Trees United volunteers and local residents helped immensely in making the day so special – putting up shelters, welcoming the visitors and hundreds (do we have an exact number for this?) of participating school children.

There were two processions – two giant doves flew from opposite sides of Harmony Woods, met in the middle and paraded together to the beautiful Arch. Little doves with inspiring messages and pledges were tied up all over the wood and everyone reflected on what Peace meant to them and how we can help achieve it locally and globally.

continued 

An uplifting Peace Day



Photos: Burdock Photography

▶ A Wild Cherry tree was planted in honour of Peace Day and Dr Jane Goodall and we look forward to seeing it blossom!

Here are some thoughts from the attendees and organisers:

Wendy Davis, ATU founder said: “Coming together as others are doing around the world to mark this special day raises awareness of peace, reminds us that we are a community not just locally but globally and fills us with a sense of optimism, at a time when it is all too easy to feel overwhelmed by the many problems we see around us.

Events such as this show the passion of our young people to make a difference in the world. Taking action against climate change, the theme of this year’s Peace Day is, after all, about their future.”

Tara Golshan, Executive Director, Education said: “Peace is such an important element in our society today, reminding us to embrace the differences in our humanity and celebrate and support the development of our many varied cultures and our impact on the environment. I am inspired by the work of Andover in helping us achieve this vision for the future of our planet.”

Lady Portal MBE DL said: “I was delighted to be asked to represent the Lord-Lieutenant at this event. It was a privilege to be part of such a special occasion.

The children understood that they were there to think about nature and the environment, to think about other people and how each one of us can make a difference to the lives of others. Deep thinking – but in no way was it beyond the grasp of

these primary school children.

I have huge respect for Andover Trees and Roots & Shoots and commend this project as being hugely worthwhile and important.”

Becky McGugan, Education Officer, ATU said: “A wonderful day with a powerful message. It was exciting to see the children from local schools in Andover come together to celebrate the action they were already taking against climate change. The planting up at Harmony Woods by every child in Andover is a fantastic symbol for this year’s Peace Day theme – ‘Climate Action for Peace’”

Claire Quarendon, the Jane Goodall Institute UK said: “I love Peace Day, it’s a time to unite people from all over the World. Over 200 young people took part in the UK parade this year, double that of last year. As I looked at the two giant peace doves being walked around Harmony Woods in Andover, I was very moved, it was a spectacular sight and the children really seemed to enjoy themselves, as did I.”

Alex Walker, Teacher, Portway Junior School said: “Peace Day 2019 was an uplifting experience for all the children and adults involved. I took 14 pupils from the Eco Team and they were honoured to be the first school chosen to carry the giant dove through the woods. A morning thinking about peace in the beautiful setting of Harmony Woods was most enjoyable and thought provoking.”

All [photos and video](#) courtesy of Burdock Photography! Thank you John Baxter!

My Wonderful Teach Earth Weekend

By Alex Walker, Class Teacher, Portway Junior School, Andover

I am a teacher with 10 years experience, working in a large junior school in Andover. Thanks to Roots & Shoots and Earthwatch, I was lucky enough to be invited to join an Earthwatch Teach Earth weekend at Wytham Woods in Oxford on 5-7th July. What a fantastic experience! I would really recommend it to any educators who want some ideas to help their students become more aware and responsible global citizens.

The key themes of the weekend were: creating knowledge and inspiring action – helping the next generation to protect the natural world.

Earthwatch is a charity based in Oxford. They aim to engage people to look after our environment in a variety of ways from: wildlife and habitats; climate change; fresh water; and oceans and coasts.



Photos: Alex Walker

One of the best aspects of the weekend was networking with the other participants. There were eleven of us and people had travelled from as far afield as New Zealand, USA and the far north of Scotland to be there. I felt like a bit of a lightweight having only driven for 1.5 hours up the A34! Most of the women (we were all female – as we were camping and sharing limited toilet facilities) were teachers in some capacity, secondary, primary, forest school or outreach. All were incredible people with fascinating reasons for wanting to give up a weekend to be at a Teach Earth event.

Read more about my exciting Teach Earth Week [here](#).

My amazing Windsor Week

Having returned from my week at the global youth leadership meeting at Windsor Castle, I am feeling inspired and motivated to continue my work with Roots & Shoots.

Windsor was an amazing gathering where I met 26 youth leaders all across the globe and collaborated on upcoming projects and campaigns. It reinforced the fact that Roots & Shoots is a global network of inspiring leaders who work tirelessly in their effort to make the world a better place. I am so grateful that I was selected to be the UK ambassador this year and am delighted to share the details of my [exciting week!](#)

We were hosted by St. George's House, a beautiful place to come together and focus on our work amidst the history of Windsor castle and the beauty of the British countryside. The team truly spoilt us with a vegetarian feast at every meal and ample opportunity to connect and form friendships over tea, cake, and wine.

It was so encouraging to learn that we all had similar values and hopes for the future. I learnt so much about each country and the challenges people are facing, as well as the work everyone is doing to overcome these problems. We were also lucky enough to spend the week with Dr. Jane, who shared her inspirational stories and reasons for hope, which will remain with me always.

Over the course of the week, each ambassador was invited to present the work of Roots & Shoots from their country. This gave us all a boost of motivation and planted new ideas to progress our own projects further. I heard of many amazing peace day campaigns, tree planting projects and urban community projects which are benefitting thousands of people and animals across the globe, helping to combat climate change and alleviate social problems in many diverse communities.

One of the main goals of the Windsor gathering was to work in teams to design campaigns to be implemented over the next



Georgia talking Roots & Shoots values on the day of HRH Prince Harry's visit

12 months, and beyond. Topics included peace, climate change, pollution, habitat loss, and Forever Wild. I would like to share the campaign that I will be working on to tackle habitat loss: Embrace the Wild. The campaign will encourage individuals or groups to observe the animals found in their local area, whether that's a garden, balcony, community centre, or school playground, and create a new type of habitat to attract more wild animals to their local spaces. We will be providing a range of ideas for how to use recycled materials to create habitats for different animals, such as bug hotels and bird feeders, and encourage weeds and wildflowers to grow. I will be working on this project with 5 other leaders from Australia, New Zealand, Germany, Slovakia and South Korea. We hope to gather updates from everyone who chooses to take part and will share all of the stories on a world map – let's make the world turn green with new habitats and try to tackle this issue together!

Alongside designing new projects and campaigns, we discovered on Tuesday



Windsor Global attendees

Photo: Roots & Shoots



Dr Jane, HRH Prince Harry and Roots & Shoots Global representatives

Photo: Kirsty Wigglesworth

that we would be visited by a very special guest, HRH Prince Harry! None of us could believe this was happening and the whole experience was a life changing moment. He attended our meeting for one afternoon to hear about the work of Roots & Shoots. Six ambassadors were asked to give a short presentation on some of their successes and I was asked to present stories from the UK. Prince Harry also visited each project team and discussed our ideas for upcoming projects. This was an incredible experience and after all of the nervous excitement building up to his visit, we did a great job at showcasing the importance of Roots & Shoots in our local communities. I think that he was left inspired!

Sometimes the reality of the environmental situation the world is in, and the social problems that thousands face can seem bleak and disheartening, but Roots & Shoots gathered a group of the most optimistic and encouraging leaders which has certainly given me hope for the future. **Georgia Law, UCL Roots & Shoots**

Why not consider a special gift for your family and friends this Christmas. One that supports conservation projects and the work of JGI, from books and DVDs to cuddly toys and adopting a chimp

www.janegoodall.org.uk/merchandise
www.janegoodall.org.uk/membership



JANE GOODALL



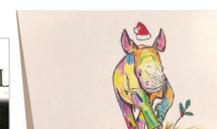
REASON FOR HOPE



Me... Jane



If you haven't sent your Christmas cards out yet, why not get them from www.doodleswithmydaughter.co.uk/shop, where a percentage of the proceeds comes straight to the Jane Goodall Institute and Roots & Shoots!



And if you would like to support the Roots & Shoots programme, you can donate through this [link](#)

Any donation is much appreciated and helps get all these exciting resources to our wonderful members!

**Our
2019 Most
Outstanding
Individual
Award
Winner**

A dream come true – An afternoon with Jane Goodall!



Photo: Wendy Litherland

Dr Jane, Mr H
and Amelia

When I found out I could actually spend a one on one time Jane Goodall I was shocked but excited. Our journey to Jane started off after a busy day at school, in Accrington.

In the morning we couldn't rest, as we were so excited to meet Jane. We caught the train from the station to Bournemouth and set off to Jane's house. We arrived and met her sister Judy who was really nice and their dog. Jane later came down and Judy brought some chocolate brownies. They were eaten very quickly. I had a long and detailed conversation with Jane, ranging from her adventures in foreign countries to how she built bonds with the chimpanzees but also how she stood up for what she believed in, which I respect a lot. We talked about other animals including rats. Jane shared some YouTube videos with us.

Jane's energy is endless! I am very happy I had the opportunity to meet Jane and am privileged to say to people I have met her. She is an inspiration to me and no doubt the whole world, making me really think about what I do around school and my community, however small.

I was lucky enough to see some of Jane's original work and the publication in National Geographic. Meeting the real Mr H was awesome. As Jane looks forward to her jubilee year, I wonder how she maintains the energy to keep moving forward. For now, following Jane's footsteps is enough....

Thank you for this memorable, amazing experience!

**Amelia Litherland,
Accrington St Christopher's
Church of England High School**

My Summer Arctic Trip!

This past June, I was lucky enough to once again be part of an inspiring expedition with Robert and Barney Swan.

Rob and Barney run expeditions through their foundation, 2041/ClimateForce. The purpose of these expeditions is to make people aware, first-hand, of the issues of climate change as well as caring for the environment in all areas.

Rob is the first person to have walked to both poles, and this was the beginning of his journey to protect Antarctica and our entire planet. Barney has followed alongside his dad and together they are involved in many different projects to bring awareness, find solutions, and motivate people from all walks of life. I have been to Antarctica with them four times, which included a small team at Union Glacier testing renewable technology the year before father and son made their journey to the South Pole using only renewable energy, which was a first in history. I am their Education Advisor and last year I even took a TASIS student to Antarctica with 2041.

The Arctic is a fascinating place, very different from Antarctica. It is a place where 8 countries own land and while there is some protection in place, it does not compare to the Antarctic Treaty. There are about 4 million people living permanently in the Arctic, while nobody lives permanently in the Antarctic.

Our expedition consisted of 75 people from around the world, as well as 11 Team Leaders. We met in Oslo to spend a few days getting to know each other, share our stories, and listen to climate change experts. Then from Oslo, we flew to the Svalbard archipelago arriving at



Photo: Trenton Branson

From left to right, Yusuph Masanja (Tanzania), Sir Robert Swan, Wendy Gediman (UK) and Suparna Mathur (UAE)

Longyearbyen, Spitsbergen, Norway. This is situated 78°N. There, we boarded the National Geographic Explorer ship to spend 7 nights sailing with the goal of reaching nearly 80°N in Northern Spitsbergen after also visiting the island of Edgeøya.

I was very surprised to find the weather much warmer than I thought it would be. Although I knew that the Arctic was not quite as cold as the Antarctic, I had expected cooler temperatures than what we had. I remember our guide in Longyearbyen telling us how the past 8 years have seen permafrost melting, and this has caused problems for the people as well as the animals.

There is some mining going on in the Arctic, which you would not expect in such a fragile area. There is evidence of air and plastic pollution. The Arctic is in distress

The Global team



Photo: ClimateForce Arctic



Photo: Wendy Gediman

The wonderful Arctic wildlife

and the animals are in danger of losing their sustainable habitat. It is essential that we take action now with positive solutions to protect and heal our planet. We are not too late, but we all must come together now to work on living a more sustainable life. Young people are making their voices heard alongside many caring adults.

I was proud to bring Roots & Shoots with me to the Arctic through sharing presentations about my work with children in our Roots & Shoots Club at TASIS England American School. I was also excited to be able to bring back [first-hand experiences](#) to share with all the children back at school.

**Wendy Gediman,
Middle School Grade 5 Teacher, TASIS**

R&S Winning School Shares Their Day At The Ashley Heath RSPCA Animal Centre

Damers First School won the Roots & Shoots Most Outstanding Group Award at the Annual event in March and their prize was a trip to the Ashley Heath RSPCA Animal Centre.

Children were chosen by how much they had contributed towards their class pledges over the year that have included encouraging the community to feed the birds, keeping Dorchester town litter free and raising money to adopt an endangered animal.

When the children arrived at the RSPCA Centre, they were greeted by Pamela Whiteside (RSPCA's Regional Prevention & Education Adviser), who taught them about what the RSPCA stands for. The children then learned about the importance of bees in our environment. They went on a tour around the centre to look at the variety of animals that were being cared for. These included chickens, cats, rabbits, mice and dogs. The children even got to see a toad being rescued from a drainpipe. They learned the five most important things the RSPCA offer to the animals. These include: giving them a home,



Photo: Damers First School

making sure they are healthy, giving them food, company and teaching them good behaviour.

The children then designed their own RSPCA Generation Kind t-shirts using what they had learned.

Pamela from the RSPCA said: "Through the RSPCA's Generation Kind initiative, we aim to nurture the values of kindness and compassion for all animals. We hope that this generation will grow to be informed, responsible, and active citizens

who care about animals and nature. The Most Outstanding Group prize recognises the hard work of a group of such young people, this year's winners demonstrated their advocacy for animals and nature through several projects in their school. As a reward, we invited them to spend a day at the RSPCA Ashley Heath Animal Centre, where they experienced first-hand the work our dedicated team members do for animals at various stages of their journeys with us: rescuing, rehabilitation, and rehoming or release. We hope that these young people will remember their time with the RSPCA for many years to come, and continue to be dedicated to making this a world where animals and man live in harmony."

We would like to thank the Roots & Shoots & JGI Team (Tara, Jasmina and Claire) and the RSPCA Team (Pamela, Clover and Hannah) for making [this day](#) happen and for all they do!

Where is Jane?

It was a busy summer and autumn for Dr Jane! Here is just a window into her [hectic UK diary!](#)

October – Dr Jane opened a state-of-the-art science building at the University of East Anglia (UEA). The four storey facility cost £30m and will be used by staff and students from the Environmental Science, Computing, Biology, Physics, Engineering, Chemistry and Pharmacy departments.

Dr Jane said: "I am delighted to have the opportunity to see this new building today and look forward to developing an ongoing relationship with UEA and discussing the potential for Roots & Shoots."

Dr Katherine Deane, Access Ambassador and senior lecturer in the School of Health Sciences at UEA, said: "A lot of the accessible features in the New Science Building seem like minor innovations to a lot of people but they make such a huge difference to those who really need them.

"Over 8% of UEA students have a declared disability, and they have the same rights to access education as anyone else, so it's fantastic that they have been considered from the outset and we've delivered a building that is accessible for everyone on our campus and beyond." www.itv.com/news/anglia/2019-10-24/new-30m-science-building-opened-at-uea/

The day continued with Dr Jane taking part in the Norwich Science Festival. She sat down with festival patron Prof Ben Garrod,



Dr Jane opening the University of East Anglia's New Science Building

Photo: Neil Hall, University of East Anglia

discussing her work and the programmes of the Jane Goodall Institute, the future of conservation and how our actions make a difference every single day.

November – Dr Jane was a speaker at the Simmons Leadership Conference in Dublin, Ireland. This year's conference theme, **Designing Success**, focuses on the need for women leaders to constantly reinvent themselves and redefine what it means to succeed.

The Simmons Leadership Conference furthers the mission of Simmons University founder, John Simmons — to enable women to acquire independent livelihoods. The Conference is a non-profit fundraiser for graduate scholarships at Simmons University and as such, helps ensure the viability of women's education for generations to come.

Dr Jane was delighted to take part, especially as all proceeds support scholarships for students in graduate programs at Simmons University.

A truly inspirational youth summit – One Young World

The annual One Young World Summit convenes the brightest young talent from every country and sector, working to accelerate social impact. Delegates from 190+ countries are counselled by influential political, business and humanitarian leaders such as Justin Trudeau, Paul Polman and Meghan Markle, amongst many other global figures.



Dr Jane during her keynote

Photo: One Young World

The One Young World Summit 2019 took place in London this October.

Not only did Dr Jane give an inspirational, standing ovation Key Note talk to over 2000 delegates, but our Executive Director, Tara Golshan had a full house for her workshop! [You can watch the keynote and workshop here.](#)

St Mary's School, Ascot

At St Mary's School Ascot, we really care about this Planet! Here are some of our recent projects;

- As we studied trees we understood how important they are for wildlife and biodiversity. Now we care about trees more than ever. Year 7 used the Roots & Shoots activity 'A World without trees' as an inspiration to research and learn about issues such as the change of forests over time – particular forests in Great Britain – deforestation and reforestation programs, and how deforestation affects climate change.

Trees do lots for people and animals; they help to keep our air clean and our ecosystem healthy because we breathe in the oxygen which the tree gives out and breathe out carbon dioxide which the trees take in. A perfect partnership! But we don't just have to love trees for practical reasons; we can also admire their beauty in summer when they are lush, and in winter when we can study the bare tree silhouettes.

Finding out that every minute, a forest the size of 20 football fields is cut down, was a shocking discovery. Student's suggestions included the founding of a 'National Plant a Tree Day' and the raising of funds with a 'Tree Hugging Day', where a pound is paid to hug a tree and the money goes to those charities which support the conservation of trees, such as The Woodland Trust.

- Members of the Eco Committee constantly discuss ways in which students might reduce the use of plastic in their daily life at school. Over the last year all plastic cups in the student refectory have been replaced by water glasses and reusable Tupperware style lunch boxes have replaced polystyrene lunch boxes. Most students have started to bring in reusable water bottles for their daily use. Activities at the weekend include making reusable tote bags so that students do not need plastic bags for their supermarket purchases. The most recent activity included an up-cycling project. Used 2 litre plastic bottles were transformed into planters and with the help of the maintenance team attached to

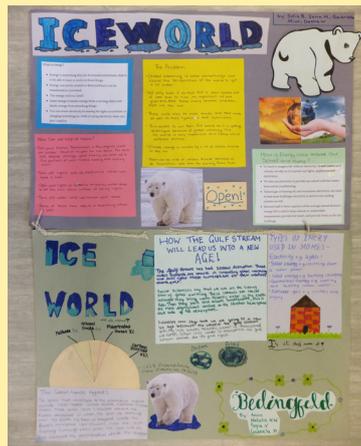


Photo: St Mary's School, Ascot

the Science Department building in the school ground. Now the flowers in the attractively designed planters are flourishing and add an aesthetic feature to the school grounds.

- How can a rapidly accelerating warming of the Earth – known as 'Climate Change' – result in the onset of a new Ice Age? Students used the Roots & Shoots resource 'Iceworld' as a guide to their study of the link between a rise in temperature on Earth and a potentially frozen UK in the future. They found out that the problem might be caused by a shift of the warm water current known as the Gulf Stream. This current originates in the Caribbean and bathes the UK and northwest Europe in warmer waters which even permits palms to flourish in Cornwall. Some evidence raises concern that melting glaciers in the Arctic will send cold water into this current and disrupt the flow of the Gulf Stream. It is then quite likely that without the warmth delivered by the current, the UK could enter a new Ice Age.

Year 7 students designed posters to explain this link and also worked on the design of houses that would save energy and hence reduce the production of greenhouse gases, those gases ultimately responsible for climate change. The exercise made the whole year group much more aware of the energy wasted in our daily routine and many pledges were made to help to stop global warming.

These are just some of the activities we've undertaken! There are many more on [our page](#) on the Roots & Shoots website.

Never give up – the story of Wounda

When this special chimpanzee arrived at the Tchimpounga Chimpanzee Rehabilitation Centre (TCRC) she was named Wounda meaning 'close to death' and never was a chimpanzee more aptly named.

Only through the amazing skills of resident vet, Rebeca Atencia and Wounda's determination to get better did she pull through. Wounda grew from strength to strength and so remarkable was her recovery that she was chosen as one of the chimps to be moved to Tchibebe Island, one of three islands within the Tchimpounga Reserve. Jane Goodall was visiting the TCRC on the day Wounda was released. Jane, Rebeca and three of the carers at Tchimpounga sanctuary escorted Wounda to her new home. Jane had not met Wounda before placing her in the crate earlier in the day, which makes what happened when Wounda was released even more remarkable. Wounda went over to her friend Rebeca and then jumped on the crate and gave Jane a huge hug, Wounda seemed to be thanking Jane for all she has done to help chimpanzees. Jane would recognise that this was one of the most amazing moments of her life. Click on the link below to watch the video which very quickly went viral.

www.rootsnshoots.org.uk/blog/2019/11/25/never-give-up-the-story-of-wounda/

Wounda quickly became friends with Kefan, the alpha male on the island. After a few months on Tchibebe, Wounda became pregnant due to a failed contraceptive device. Although the team at Tchimpounga is not sure, Kefan is likely to be the father of the baby, named Hope. **Wounda's story really does have a happy ending!**

Cover Photo: Fernando Turmo



Photo: the Jane Goodall Institute

Our brand new Resource Pack is now available

We are so excited to introduce our new Resource Pack! By now you should have received your hard copy in the post and we hope it will inspire even more Roots & Shoots ideas and projects in your school.

This wouldn't have been possible without the generous support of Montessori Centre International, so a huge thank you to them. Remember to let us know how you used them in the classroom by posting a story on the website and entering our awards. You can find out more about Montessori and the training they can provide at www.montessoritraining.org.uk

All the resources are available to download on our website too at www.rootsnshoots.org.uk/resources/

