



Action Projects 2021

As the powers across the world finish their Cop 26 conference, Ranelagh's annual action project has once again raised its concerns over the global issues that are damaging our world today.

In the first term at Ranelagh, the children learn geographic skills and learn about being active participants for changing society for the better. The children learn that their voices matter and that they can be the change that can have huge positive results. This special newsletter shows the ways in which we rally together at Ranelagh to make our world a better place.

Because tomorrow matters

EYFS

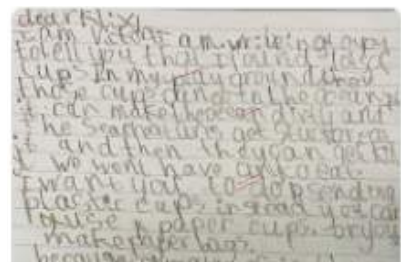
EYFS have been learning about how their actions can make an impact on the world. They have been learning about the importance of recycling and reusing everyday objects. The children decided to reuse the milk cartons they had to make rockets. We also learned about fruit waste and how to use it to help grow more fruit and vegetables through composting. Our children were very excited about their small actions having a great impact on the world they live in.



YEAR 1

The children in year 1 joined a huge community of schools and organisations working towards making the environment single use plastic free - Surfers Against Sewage. Their topic was seas and oceans.

The children created banners to campaign and went on a very important mission walk to collect litter around the streets of the school. They found many plastic items which they identified as harmful to ocean and sea animals. They understand that instead of single use plastic straws to drink their milk with, it is better to use a metal straw, and instead of buying plastic bottles of water, they can buy reusable bottles and this will help the environment.



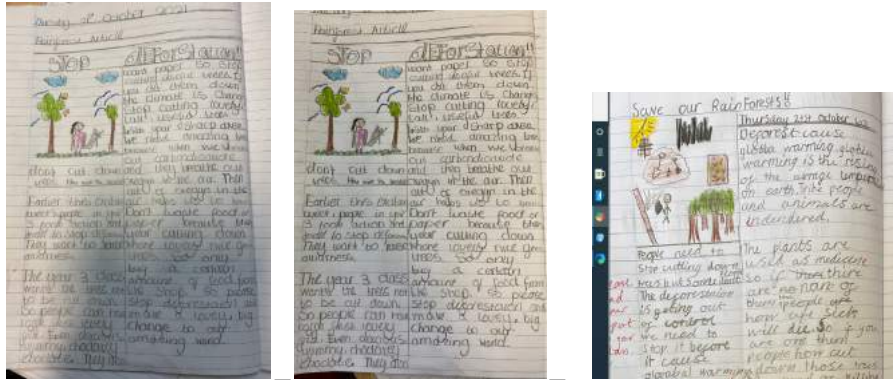
YEAR 2

Year 2 children have been lucky enough to visit West Ham Park as part of Ranelagh being a Forest School this term. They were heartbroken when they saw that litter had been dropped in the park. Back at school, they learned how litter dropped in West Ham park could end up travelling as far as Antarctica, carried there by sea currents. The children wanted to do something to stop this from happening. They decided to create posters persuading people to put their rubbish in the bins provided and not throw it on the floor.



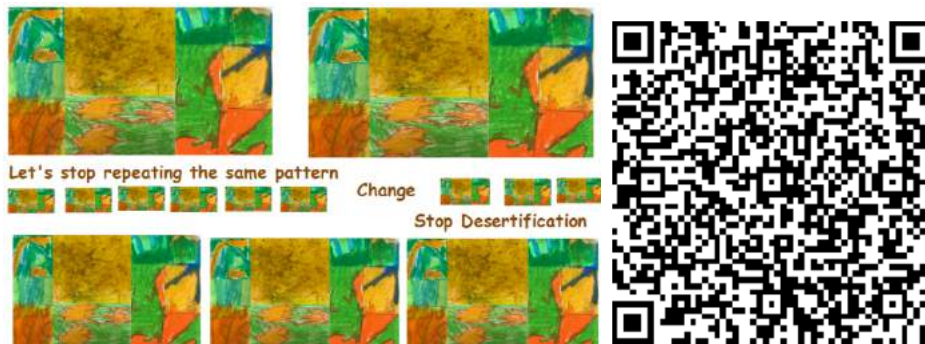
YEAR 3

Year 3 decided to take matters into their own hands when they learnt that Rainforests across the world were under threat due to deforestation. They composed and presented a song to encourage people to save the rainforest and wrote newspaper articles to help raise awareness of the small steps that the local community could take to make a global difference. Scan the QR codes to watch the children in Year 3 sing their hearts out.










YEAR 4

Year 4 created images of the devastation of desertification. They combined their pieces to create a collage effect. They then used computers to repeat the pattern and create the poster. It's extremely effective. It's about actively doing something to change the destructive pattern we are in.



YEAR 5

Year 5 took on the role of researchers and learnt about mountains, volcanoes and earthquakes. They explored aspects such as the role of tectonic plates; the many layers of Earth; and the origins of mountains, volcanoes and earthquakes. Collectively, the year group chose to focus on volcanoes as part of their action project. They conducted extensive research on the positive and negative aspects of living in close proximity to a volcano as well as focusing on the recent eruption in La Palma. The children behaved like journalists and volcanic experts to create videos, scan the QR code on the leaflets to watch an example of those videos.

<h3 style="text-align: center; background-color: #e0f0ff; padding: 2px;">Volcano Facts</h3> <ul style="list-style-type: none"> → There are 3 types of volcanoes: active, dormant and extinct volcanoes. → Some volcanoes have been active for over 300 years. → Near volcanoes you can find fertile soil that has natural nutrients and is great for farming. → The famous Mount Vesuvius erupted in 79AD. → Mount Loa is the largest active volcano. → Mount Fuji is located in Japan and over 100,000 people climb it every year. People believe that the bottom of Mount Fuji is haunted by ghosts and goblins. → Nevado Del Ruiz killed over 25000 people. 	<h3 style="text-align: center; background-color: #e0ffe0; padding: 2px;">How can we help?</h3> <p>You can help by donating money, food or gas masks.</p> <p>You can also spread awareness of how dangerous it is to live near a volcano and how risky they are.</p> <p>Here are some disadvantages when living near a volcano:</p> <ul style="list-style-type: none"> → You never know when it's going to erupt → The hot lava spreads quickly and can cover houses or entire towns or cities → When lava gets in contact with the water, it the gases become toxic and can become deadly to humans and other living things 	<h3 style="text-align: center; background-color: #e0ffe0; padding: 2px;">Volcanoes</h3> <p>Volcanoes are amazing sites to see but don't let that fool you! They are very dangerous for both humans and animals that live near them. Lava can flow over 80km and an average person would take 80 sec to burn and die, so beware!</p> <p>If you were wondering what is actually a volcano, I've got an answer. A volcano is an opening in the earth's crust through which lava, volcanic ash, and gases escape.</p> <p>Beneath a volcano, liquid magma containing dissolved gases rises through cracks in the Earth's crust.</p> 	<h3 style="text-align: center; background-color: #e0ffe0; padding: 2px;">Cumbre Vieja eruption in La Palma</h3> <p>Cumbre Vieja was all over the news due to its recent eruption. It started to erupt on September 19th, 2021 and is currently active!</p>  <p>The volcano erupted on La Palma island and was a threat to the people who lived there as they had nowhere to go. 9000 homes were destroyed and the streets that remained were covered in ash. It is very hard to explain how only one house remained untouched by the lava. It was called the "Miracle House". Here is a QR code created by some of the children to teach you about La Palma volcano</p> 	<h3 style="text-align: center; background-color: #e0ffe0; padding: 2px;">Living near volcanoes</h3> <p>Over 500 million choose to live near volcanoes because they feel like the advantages outweigh the disadvantages. Here are some examples of advantages:</p> <ul style="list-style-type: none"> → When an eruption happens, it brings a very rare type of magma. People make diamonds and other precious stones out of it. → Granite stones are formed after a volcano erupts. They are used in different ways. Kitchen worktops are made of granite. → Near a volcano you can find volcanic soil which is extremely rich in nutrients and is perfect for growing crops. → Geothermal areas are located near volcanoes. The water is cooled down and pumped into lagoons where people bathe in the warm nutrient rich waters. → Geothermal energy is heat that comes from inside Earth. It is used for cooking, bathing, and heating. It can also be changed into electricity. 	<h3 style="text-align: center; background-color: #e0f0ff; padding: 2px;">Volcanoes in the world</h3> <h4 style="text-align: center; background-color: #e0f0ff; padding: 2px;">Ring of Fire map!</h4>  <p>The Ring of Fire is a place in the world which has the most volcanoes, earthquakes and tsunamis. The Ring of Fire is not really shaped like a ring but instead it is shaped like a horse shoe and stretches from the southern tip of South America, up along the coast of North America, down through Japan, and into New Zealand.</p>
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YEAR 6

Pupils in Year 6 learnt about the climate crisis and how we can all play our part in stopping the rise in the Earth's temperature. We recorded a 'call to action' video to encourage people to live more sustainably.

The children also created artwork, inspired by Nerys Levy and Vincent Van Gogh, of the Polar and rainforest landscapes that we all need to protect.

In addition to this, we wrote to our local MP opposing plans for the expansion of London City Airport due to the inevitable increase in carbon emissions.



Dear Lynn Brown,

imminent

I am writing to express my concern about the imminent threat climate change poses to our living, to our people and the future of our children. An overwhelming number of scientists agree, and signs abound that climate change is occurring much faster than was initially predicted. We have only a few years until this change becomes irreversible.

More than 2,000 scientists contributing to the Intergovernmental Panel on Climate Change have made it clear that cuts of at least 50% to 70% in global greenhouse gases emissions are necessary to avert our climate to re-stabilise. Another thing I want to point out, is how London City Airport wants to extend the number of flights from about 100,000 a year to 150,000 a year. Considering fact that we are almost bankrupt, this is a urgent matter.

1. Depressions
 2. Runy of fossil fuels
 3. Methane gas from cows

As I am sure you are aware all of these things can be avoided as planes burn fossil fuels and release CO₂ into the atmosphere which causes a 'blanket' around the earth trapping the sun's heat causing the earth to warm up. This causes things to melt as extreme weather, sea ice melts and cause the sea levels to rise.

Our local area in Newham can be affected as it will suffer more from noise pollution and a lot more cars are people will suffer from the medical centre of asthma are already that but people with asthma will suffer as they will find it hard to breathe.

Therefore, the Government should be making every effort to reduce greenhouse gas emissions.

Specifically, I believe you should act to address the issues below and I ask you to provide me with information as to what the government is doing to reduce greenhouse gas emissions.

Excellent points

1. Reducing emissions from the transport sector.
 2. Finally incentives for alternative and renewable energy technology.
 3. Incentives for the uptake of renewable energy.
 4. Removal of subsidies for fossil-fuelled power plants.

Great phrase: To secure a future for our nation and our children now is the time that we see a new and positive direction for our national energy policy. We need policies directed towards creating long-term sustainable jobs.

Our additional addition to fossil fuel means heavy health issues - Global warming and pollution the earth. We need energy systems that provide clean, sustainable and reliable energy that does not threaten our health or our environment. We need to create our systems, and not react to it until it is a replication of major responsibility.

I understand that generally a climate change is just one of many issues during these challenging times. However, we can not wait until it is too late. We must act strong action now to address the daunting issues the climate changes pose.

Sincerely,
 Mary Olaya Aguiar

What is the role of an MP?
 To not be silent and act, please.