



BREATHE



TUESDAY 8 OCTOBER 2019





BREATHE . . .

IT'S TIME TO TAKE ACTION

Today you will engage with an entirely alternative learning experience.

The day will include two keynote speeches, talks from guest experts, workshops, trips and opportunities to listen to MUN style debates about environmental issues around the world.

The Breathe Conference is designed to build awareness, understanding and appreciation for our environment at school and beyond. The day will focus on developing cultural understanding and empathy towards the issues facing our local environment, country and planet through climate change and wider environmental concerns. Students, staff and guest experts will be brainstorming the challenges of climate change and sustainability to develop greater understanding, empathy and pro-active solutions that could really make a difference.

You, our students, are diligent, driven and determined and we want to encourage you, and hopefully empower you, to think differently and without limits.

Today will give you the chance to use your voice, to get active and to tackle concepts you've never encountered before. It is the confidence to tackle challenges that we hope you will take forward in your future learning, in a world where facts must be challenged when deciphering the truth.



PUTNEY
HIGH SCHOOL
GDST

"Breathe has developed into far more than an environmental campaign. Today at Putney, learning about and fighting for a sustainable environment has become an integral part of our ethos with pupils having a voice and very much taking the lead."

DEPUTY HEAD, PASTORAL, HEIDI ARMSTRONG

With enormous thanks to our sponsors, HSBC, who will be donating a tree to Putney and every partner school involved.



Breathe Conference is sponsored by HSBC
through the HSBC/GDST Partnership Projects Fund

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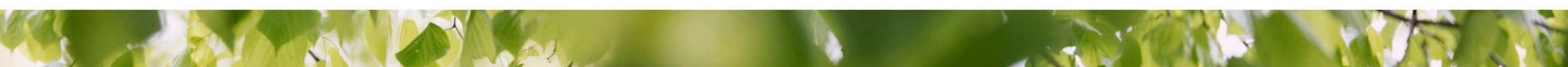
EVENT	PRESENTER	SESSION TITLE	TYPE	WHO
Abigail Pedrick	Abigail Pedrick	Is Recycling A Load Of Rubbish?	Talk	Years 7 - 11
ActionAid	Becky Murphy – ActionAid	Women Led Resilience: Experience From ActionAid International	Workshop	All
ActionAid	Ruchi Tripathi, ActionAid	Overview Of Climate Change - Impacts, Solutions, Equity & Justice	Workshop	
Before The Flood	Documentary Viewing	Before The Flood	Workshop	All
Barnes Wetland Centre	Andrew Ross	Wildlife On Our Doorstep: An Appreciation Of A Local Wetland	Trip	All
Biophilic Classroom	Clare Bowman	Biophilic Classroom: Research At Putney Explained	Talk	Years 12 - 13
Bird Cake Making	Bryony Gough	Bird Cake Making	Workshop	All
Blue Marine Foundation	Vivienne Evans	Diving Into Ocean Conservation With Blue	Talk	Years 7 - 8
Blue Marine Foundation	Sophie Locke	Diving Into Ocean Conservation With Blue	Talk	Years 7 - 8
Bulb Planting	Bulb Planting	Planting Bulbs Around Putney High Site	Workshop	All
Christina Brierwood	Christina Brierwood	Biscuit Decorating With Environmental Propaganda	Workshop	All
Climate Change - The Numbers	George Oliver	Climate Change – The Numbers	Talk	All
Climate Change: A Real “Game” Changer	Schylar Neale	Climate Change: A Real “Game” Changer	Talk	All
Climate Emergency Wandsworth	Diana McCann & Glyn Goodwin	Climate Emergency Wandsworth	Talks	Years 10 - 13
Clothes Swap	Clothes Swap	Clothes Swap	Lunchtime Activity	All
Conservation Volunteers - Practical Conservation on East Sheen Common	Laura Brackenbury & Sarah Tyler	The Conservation Volunteers - Practical Conservation On East Sheen Common	Trip	Years 10 - 13
Costume Making	Deborah Coulston	Up-Cycled Costume Making - The Tempest	Workshop	All
Drama Workshop	Kitty Goodman	Climate Crisis Drama Workshop	Workshop	All
Dynasties - Chimpanzees	Documentary Viewing	Dynasties - Chimpanzees	Workshop	All



EVENT	PRESENTER	SESSION TITLE	TYPE	WHO
Eco-Bricking Workshop	Abigail Pedrick	Eco-Bricking Workshop	Workshop	All
Eco-Hustler Magazine	Matt Mellen	Environmental Story Telling At The End Of The World	Workshop	All
Eco-Inventor	Eco-Inventor Competition	Low Emission Vehicles. Design And On-Street Charge Point	Workshop	All
Extinction Rebellion	Diana McCann & Glyn Goodwin	The Extinction Rebellion Talk: Heading For Extinction And What To Do About It	Talks	Years 10 - 13
Filmmaking	Steve Tanner & Katharine Drury	Light! Camera! Take Action!	Workshop	Years 7 - 9
FlipFlopi Boat	Rebecca Faber	The Flipflopi Boat: The World's First Sailing Boat Made From 100% Waste Plastic – A Voyage Of Hope From Africa	Talk	All
Garageband Soundscape	Angus Meryon	Garageband Soundscape Challenge	Workshop	All
Greenpeace	Camilla Berens	Because There Is No Planet B - Air Pollution Specialist From Greenpeace	Talk	All
Hawke	Hawke (Music Band)	Breathe Isn't Just About The Environment; It's About Mental Health Too	Lunchtime Activity	Years 9 - 13
Hawke	Hawke (Music Band)	Breathe Isn't Just About The Environment; It's About Mental Health Too	Talk	All
"I'm A Celebrity" Insects Eating	Horizon Insects	'I'm A Celebrity Get Me Out Of Here' Food Challenge! Low Carbon Food Sources	Workshop	All
Importance Of Tigers	Dr Camille Bann	The Importance Of Tigers	Talk	All
International Legality Of Climate Change & The Environment	Emil Stenberg	The International Legality Of Climate Change & The Environment	Talk	Years 10 - 13
Junky Styling - Wardrobe Surgery	Annika Sanders & Stuart McLaughlin	Junky Styling: Wardrobe Surgery	Workshop	Years 8 - 13
Keynote Speech	Lord David King	Keynote Speech	Whole-School Assembly	All
Keynote Speech	Lucy Siegle	Keynote Speech	Whole-school Assembly	All
Last Man Standing	Last Man Standing	Last Man Standing	Lunchtime Activity	All
Litter Pick Run	Litter Pick (5Km Run)	A Run With A Difference	Trip	All
Little Book For Big Changes	Kirsten Liepmann & Karen Ng	Ideas, Action, Change - Little Book For Big Changes	Workshop	Years 7 - 9
Little Ninja	Little Ninja (David Smith)	Air Pollution	Talk	All
Lucy Siegle	Lucy Siegle	Environmental Issues And Ethical Consumerism	Talk	All
Lush	Lush	What's Behind The Store Doors Of The Lush Headquarters?	Trip	All
Model United Nations	Miranda Kiek	MUN Conference	Workshop	Years 10 - 13
Mural Art	Mural Art Display	Public Art - Breathe Mural	Workshop	Years 7 - 11
New Scientist	Fred Pearce	When The Rivers Run Dry	Talk	All
Paws Against Pollution	Emma Crocombe, Sophie Clegg, Jane Clarkson & Barbara Hawkins	Paws Against Pollution - Wellbeing Dog Walk	Workshop	All



EVENT	PRESENTER	SESSION TITLE	TYPE	WHO
Plastic Crisis	Ollie Boesen	The Plastic Crisis: How Can We Save Our Oceans?	Talk	All
Plastic Hackathon	Penny Hampden-Turner	Plastic Hackathon	Workshop	All
Positively Putney	Nicola Grant	Stopping Single Use Plastics Ending Up In The River Thames	Talk	All
Putting A Price On The Environment	Dr Camille Bann	Putting A Price On The Environment	Talk	Years 10 - 13
Quantum Mechanics & Renewable Electricity	Keith Barnham & Nicholas Rolfe	Importance of Solar Panels - Renewable Electricity	Talk	Years 12 - 13
Quantum Mechanics & Renewable Electricity	Keith Barnham & Nicholas Rolfe	Quantum Mechanics And Renewable Electricity Supply	Workshop	Years 7 - 11
Recording Air Pollution	Liz Matthews	Recording Air Pollution	Workshop	Years 7 - 8
Scribble And Stroll	Julie Sharp	Scribble And Stroll	Trip	All
Sewage Treatment Works	Penny Freeley	Visit To Sewage Treatment Works In Kingston	Trip	Years 7 - 9
Speakers' Corner	Sophe Carter	Speakers' Corner - 'How Dare You?' Take On Greta's Voice And Speak Out For The Environment	Workshop	All
Speakers' Corner - Placard Workshop	Tom McLaughlin	Speakers' Corner - Speak Your Mind...In Art	Workshop	All
Thinking The Unthinkable	Nik Gowing	Thinking The Unthinkable	Talk	Years 11 - 13
Treasure Hunt	Environmental Treasure Hunt	Environmental Treasure Hunt	Workshop	Years 7 - 9
Wake-Up Alarm Making	Greg Woodrow	Environmentally Friendly Wake-Up Alarm Making	Workshop	Years 8 - 13
Waste Authority	Bryony Gough	Waste Authority Trip	Trip	All
Yoga Workshop	Ella Reynolds	Take A Moment, Or Two - Better Breathing Workshop	Workshop	All
Zero Waste Pop-Up Shop	Abigail Pedrick	Zero Waste Pop-Up Shop	Lunchtime Activity	All



KEYNOTE SPEAKERS



Professor
Sir David King

The Risks of Climate Change

Professor Sir David King is an Affiliate Partner of SYSTEMIQ and Senior Strategy Adviser to the President of Rwanda. He was the UK Government Chief Scientific Adviser, 2000-2007, the Foreign Secretary's Special Representative on Climate Change, 2013-2017, and Chair of Future Cities Catapult, 2012-2016. He has travelled widely to persuade all countries to take action on climate change. He initiated an in-depth risk analysis approach to climate change, working with the Governments of China and India in particular, and initiated a collaborative programme, now known as Mission Innovation, to create a \$23bn pa research and development international exercise, which involves 22 countries and the EC, to deliver all technologies needed to complete the transition into a fossil-fuel-free world economy.

He was born in Durban, educated at St John's College Johannesburg and at Witwatersrand University, graduating with an Honours degree in Chemistry and a PhD. He has received 23 Honorary Degrees from universities around the world.

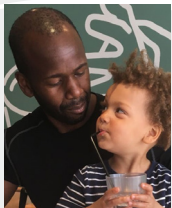


Lucy Siegle

My Planet and Yours

Environmental writer and broadcaster Lucy Siegle is known for her ability to take a huge issue like the Earth and make it relevant to our own lives. In her characteristically enthusiastic and informed way, she explains how every thing we use and every decision we make is dependent on a healthy planet. Using her specialist knowledge of the fashion and plastics industry she explains how innovation and design is helping to shift our lives and lifestyles in a different direction; in favour of the planet. She talks about a crazy year of Greta fever, increased awareness and why she's happy that a surge in public concern can create a huge wave of positive eco change, just in time.

TALKS



Air Pollution

LITTLE NINJA - DAVID SMITH

Two years ago David found out that by the age of 8-9 years old, his children will have a 5-10% reduced lung capacity because of the illegal levels of air pollution we all breathe on congested roads. David campaigns to force the Government, local authority and TfL to take action to reduce children's exposure to air pollution. Find out what we can do to combat this and reduce the pollutant monsters NO2 & PM2.5.



Biophilic Classroom: *Research at Putney explained*

CLARE BOWMAN

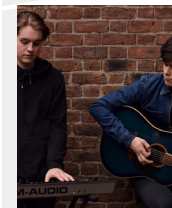
Being surrounded by nature impacts us in so many ways. Learn how bringing plants and images of the natural world into the classroom has been boosting creativity, mood and focus at Putney - reimagining the learning environment and improving health and wellbeing through Biophilic design.



Because There Is No Planet B *Air pollution specialist from Greenpeace*

CAMILLA BERENS

Camilla Berens is a freelance journalist and environmental activist. She first became involved in peaceful direct action in the mid-1990s, campaigning against the government's motorway building programme and later joining *Plane Stupid* to highlight the environmental dangers of airport expansion. She has also been involved in campaigns to oppose the building of nuclear power stations around the UK. She has been a Greenpeace Local Group Coordinator for ten years and, in 2015, she became Chair of a solar-tactic local co-operative that installs solar arrays on local primary schools. She is interested in tackling air pollution and developing sustainable energy production.



Breathe Isn't Just About The Environment; *it's about mental health too*

HAWKE

Hawke, formed in 2018, is a lively energetic indie/pop band from Dublin. They have already completed three headline tours around Ireland as well as supporting *The Script* on tour. Members of the band were bullied / cyber bullied as youngsters and have had their own issues with mental health at school and after school so feel they are the perfect advocates for delivering such a positive message to young pupils (they'll be performing at lunch time as well, but this is a speaker session)



Climate Change: *A Real "Game" Changer*

SCHYLER NEALE

From our very own Miss Neale, find out how extreme weather change is threatening many sports around the globe and what is (and is not) being done to combat these changes from the sporting side (i.e. sports teams, sports brands, etc).

TALKS



Climate Change – *The Numbers*

GEORGE OLIVER

Man-made climate change, pollution, biodiversity – what does the data actually say? What are the best things we can do to reduce our carbon footprint and effect change?



Climate Emergency Wandsworth

DIANA MCCANN & GLYN GOODWIN

The story of The 10,000 Petition calling for local action on climate change. Followed by Q&A and opportunity to be involved in the ongoing process of developing an action plan.



Diving Into Ocean Conservation With BLUE

VIVIENNE EVANS + SOPHIE LOCKE

Take a trip to the Maldives, Italy, Patagonia and beyond with Viv and Sophie from the Blue Marine Foundation (BLUE). You'll learn about BLUE's conservation projects, the animals and habitats we aim to protect and how to pursue a career in the marine and environmental sector.



Environmental Issues And Ethical Consumerism

LUCY SIEGLE

Presenter for BBC's 'The One Show' and columnist for the Observer, Lucy Siegle offers a unique and beguiling perspective on environmental issues and ethical consumerism. Devoted to widening the appeal of these issues, Lucy shares her respected opinion as a knowledgeable and experienced awards host. Lucy is our keynote speaker in the afternoon so this is an opportunity to listen and discuss with her in a smaller group setting.



Extinction Rebellion Talk: *Heading for Extinction and what to do about it*

DIANA MCCANN & GLYN GOODWIN

An illustrated overview of the science of the climate crisis, of our right to rebel peacefully, and of the three Extinction Rebellion demands: Tell the Truth, Act Now & Citizens' Assemblies to inform government policy.



TALKS



Flipflop Boat:

*the world's first sailing boat
made from 100% waste plastic
– A Voyage Of Hope From Africa*

REBECCA FABER

Hear from Putney alumna, Rebecca Faber about the The Flipflop Project, one of the biggest environmental projects being undertaken from Africa. Rebecca was involved in the building of the world's first 100% recycled plastic dhow using over ten tonnes of plastic waste and 30,000 re-purposed flipflops collected on beaches and roadsides in Kenya. Find out how it is possible to turn dreams into life-changing reality.



Importance Of Tigers

DR CAMILLE BANN

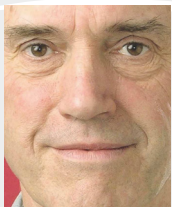
Tigers are endangered yet their survival is important for people and the planet. What are the threats they face and how can they be better protected?



International Legality Of Climate Change & The Environment

EMIL STENBERG

Climate change and broader environmental issues are constantly being litigated both internationally and domestically. But what do the laws actually say about these environmental issues, and what efforts are being made internationally to deal with them? This workshop seeks to provide some answers.

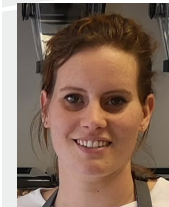


Importance Of Solar Panels

in all-renewable electricity supply

PROF KEITH BARNHAM & NICHOLAS ROLFE

Find out how wind, solar power and bio-electricity can supply the UK electricity demand every hour of the year. (Particularly useful for GCSE and A Level science students as this is on the exam specs)



Is Recycling A Load Of Rubbish?

ABIGAIL PEDRICK

Join us in an exploration of the inefficiency of recycling and form YOUR opinion on how and why we should rip this safety blanket away from society. Abigail Pedrick is the founder of Pedricks Zero Waste Shop: <https://pedricks.co.uk/> and so is the ideal person to speak about recycling.

Come and visit their pop up store during lunch!

TALKS



Plastic Crisis: *how can we save our oceans?*

OLLIE BOESEN

Technology, policy or global action: how can we save our oceans? Ollie Boesen is the founder of a new company called *Nought*, which specialises in Scandi-style recycled products. This session will explore the scale of our global plastic crisis, helping you to understand how we got here and who is responsible. It will share some of the shocking truths around plastic waste and the impact on our planet, before going on to discuss the ideas and people that are trying to turn it around.



Putting A Price On The Environment

DR CAMILLE BANN

How can environmental economics inform decisions on sustainable development and poverty reduction?



Stopping Single Use Plastics *ending up in the River Thames*

NICOLA GRANT

How Putney's pubs worked together to prevent 50,000 single use plastic cups being used on Boat Race day. Nicola Grant is the Executive Director of *Positively Putney*, a business that works to maximise Putney's potential, making it a vibrant and attractive place for those who work, live and visit here.



Thinking The Unthinkable

NIK GOWING

How are our leaders handling the scale of disruption around the Climate Crisis and Brexit? Not well. Leaderships in the corporate, political and public service worlds are under acute stress. With the expected UK withdrawal from the EU on 31st October, Nik Gowing asks: Why do so many leaders in politics and public service struggle to confront, and even embrace these new leadership challenges? How can they handle new public pressures and expectations, especially from the NEXTGen on the deepening Climate Emergency?



When The Rivers Run Dry

FRED PEARCE

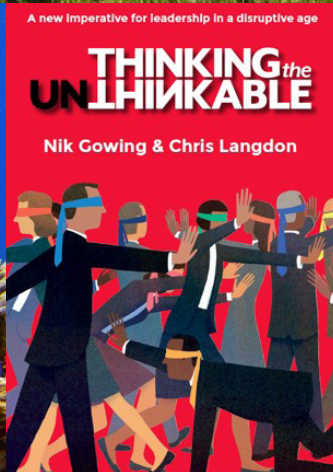
A personal journey through the global water crisis and how to solve it. Fred Pearce is an environment consultant for *New Scientist* magazine and has published more than a dozen books.



BARNES WETLAND CENTRE



BLUE MARINE



THAMES WATER



Paws
Against
Pollution!



FLIPFLOPI BOAT



EAST SHEEN COMMON



HORIZON INSECTS ACTIVITY

WORKSHOPS



Before The Flood

DOCUMENTARY VIEWING

ALL YEARS

If you could know the truth about the threat of climate change — would you want to know? Before the Flood, features Leonardo DiCaprio on a journey as a United Nations Messenger of Peace, travelling to five continents and the Arctic to witness climate change firsthand. You will see the dramatic changes now occurring around the world due to climate change, as well as the actions we as individuals and as a society can take to prevent the disruption of life on our planet.

Bird Cake Making

BRYONY GOUGH

ALL YEARS

With pollution affecting both people and animals, we need to be looking after our wildlife as much as ourselves. Join in this interactive workshop and make sustainable bird cakes to be hung in trees for our wildlife to enjoy, without any use of plastic or non-recyclable products.

Biscuit Decorating With Environmental Propaganda

CHRISTINA BRIERWOOD

ALL YEARS

Alumna Christina Brierwood left Putney ten years ago. After graduating from Le Cordon Bleu cookery school and working for top chefs (including Pierre Koffmann) she set up her cake business. Recently Christina assisted with the creation of Princess Eugenie's wedding cake and now she will join us in getting hands on with icing in an interactive workshop. Join Christina to decorate biscuits with environmental propaganda, then sell them at break and lunchtime to raise money for The Blue Marine Foundation.

Climate Crisis Drama

KITTY GOODMAN

ALL YEARS

Come along to the drama workshop where we will use stimuli from groups like Extinction Rebellion and important figures like Greta Thunberg and work together to devise a short piece of theatre about our current climate and ecological crisis for an informal performance in the afternoon. If you're interested in anything theatre or acting do join us!

Dynasties - Chimpanzees

DOCUMENTARY VIEWING

ALL YEARS

Watch the acclaimed documentary - narrated by David Attenborough and produced by our alumna, Rosie Thomas - following endangered species fighting for their survival. David, a chimpanzee in Senegal, tries to overcome threats to his leadership and ensure an heir.

Eco-Bricking

ABIGAIL PEDRICK

ALL YEARS

A deep dive session finding out exactly what plastic is, what it does and how we can keep it from poisoning our planet. By the end of the workshop you will have created your first Eco-brick and started your journey to innovative plastic design and building application.

Environmentally Friendly Wake-up Alarm Making

GREG WOODROW

YEARS 8 - 13

Create an environmentally friendly wake-up alarm using fully recycled or recyclable materials then venture into the school grounds to record a series of wake-up alarm recordings - bird songs, and other sounds to get you out of bed in the morning.



WORKSHOPS



Environmental Story Telling At The End Of The World

MATT MELLEN

ALL YEARS

How can we reach more people and create more change? Hear from Matt Mellen, the founder of Ecohustler.com, an online environment magazine that engages people in mega ecological challenges. Their mission is to bring people unexpected, entertaining, ecological content with a focus on connecting with nature and each other, so that we can all become a part of the solution to environmental breakdown.

Environmental Treasure Hunt

YEARS 7 - 9

We have a lot to be thankful for at Putney. We may be located in a busy part of London but there is still a lot of beauty in our grounds. Join this workshop and follow a treasure hunt which will get you to discover and appreciate some of the wonderful things our school site has to offer, as well as areas that you perhaps think we can still develop. You'll present your findings in an interactive and visual way and some of these will be shown in the final assembly of Breathe Week.

GarageBand Soundscape Challenge

ANGUS MERYON

ALL YEARS

Use your iPad to record sounds in the natural environment around the school campus, before mixing them together in GarageBand to create a soundscape that reflects the weather conditions and the moods they evoke.

Ideas, Action, Change - Little Book For Big Changes

KIRSTEN LIEPMANN & KAREN NG

YEARS 7 - 9

Create activities that teach others to learn, think and act to change the world. Please remember to bring some money with you in case you want to buy a copy of the book!

'I'm A Celebrity Get Me Out Of Here' Food Challenge!

Low Carbon Food Sources

HORIZON INSECTS

ALL YEARS

Putney High School does 'I'm a Celebrity Get Me Out of Here'! Ever wanted to try alternative food sources? In this session you'll learn how eating insects is good for you and the environment. From chocolate mealworm rice crispies to raisin insect biscuits - you'll get to try it all.

Junky Styling: Wardrobe Surgery

ANNIKA SANDERS AND STUART MCLAUGHLIN

YEARS 8 - 13

Metamorphise discarded garments into new clothes with this interactive, whole-day workshop. Annika Sanders, author of Junky Styling: Wardrobe Surgery is coming in all day to work with you and help you create new clothes out of old ones. You'll have a chance to show off your creations in a catwalk in the afternoon.

Light! Camera! Take Action!

STEVE TANNER AND KATHARINE DRURY

YEARS 7 - 9

Ever wanted to know what it's like to film on a green screen? Come and follow in the steps of the actors of *Harry Potter*, *Star Wars* and *Titanic* to create your own environmental adverts, raising awareness of an issue of your choice. You will be working with *4 Foot 1* Director Steve Tanner and Putney's Director in Residence Katharine Drury. Come and work in front and behind the camera to create short clips that make a difference.



WORKSHOPS



Low Emission Vehicles.

Design A On-Street Charge Point

ECO-INVENTOR COMPETITION **ALL YEARS**

Could you be responsible for creating an iconic design for on-street electric vehicle charge point that is innovative and beautiful? The Government's Office for Low Emission Vehicles' has launched an Eco-innovators Competition, which is open to entries until Friday 18 October 2019. This is the perfect time for us to get creative and design a charge point that could end up being used on our streets in the future!

Model United Nations

MIRANDA KIEK **YEARS 10 - 13**

This whole-day workshop allows you to speak up. Each MUN participant will be allocated a country to represent. They will then embark on a busy day of both informal negotiation and formal debate in order to persuade other countries to support their own country's interests during the drawing up of formal resolutions.

Overview Of Climate Change

- Impacts, Solutions, Equity & Justice

RUCHI TRIPATHI - ACTIONAID **ALL YEARS**

This session by Ruchi Tripathi, Head of Climate Justice at ActionAid International, will examine the impact of climate change and include a presentation on ActionAid's work on climate change and climate justice in our own communities, as well as globally.

Planting Bulbs Around School Site

BULB PLANTING **ALL YEARS**

Join this interactive workshop to help plant bulbs around the school site so that next spring we can see the fruits of our labour in a mass of colour as the flowers spring up to make our environment even brighter.

Plastic Hackathon

PENNY HAMPDEN-TURNER **ALL YEARS**

A day-long workshop in which you come up with practical business solutions to the plastic crisis facing our world. The winning groups will get an opportunity to present their ideas to a company and potentially get an investment to make their idea come to life.

Quantum Mechanics and Renewable Electricity Supply

PROFESSOR KEITH BARNHAM & NICHOLAS ROLFE **YEARS 7 - 11**

Find out how wind, solar power and bio-electricity can supply the UK electricity demand every hour of the year. (Particularly useful for GCSE and A Level science students as this is on the exam specs) . Professor Keith Barnham, Professor Emeritus at Imperial College London, will deliver a talk on renewable energy with a focus on photovoltaic cells. The talk will include a series of games that introduce the ideas of quantum mechanics and "positive electricity", and how these allow us to build photovoltaic cells.



WORKSHOPS



Recording Air Pollution

LIZ MATTHEWS

YEARS 7 - 8

If we're going to do something about the pollution on Putney High Street then we need to have the facts to back it up and make our argument convincing. This workshop will see you collecting data on Putney Hill and Lytton Grove to give an idea of the amount of air pollution we experience, as well as allowing you to analyse your findings and present your data in a visual and digital way so that we can then work on finding a solution to the ever-growing problem.

Speakers' Corner - 'How Dare You?' Take On Greta's Voice And Speak Out For The Environment

SOPHIE CARTER

ALL YEARS

We are all told to control anger, to rein it in, to be calm. But sometimes, on some issues, anger is necessary: just ask Greta Thunberg. In this session you will be channelling your anger in to impassioned, spontaneous speeches. You will have the chance to get your voice heard, and the space to be really, really angry. Come and say to the world, with Greta, 'How Dare You?'

Speakers' Corner - Speak Your Mind...In Art

TOM MCLAUGHLIN

ALL YEARS

Following the successful climate strike march on the 20th September, which saw banners and placards with slogans including 'Climate Kids are Coming' and Greta Thunberg masks, it's our turn to speak up. Get creative and create placards to vocalise your beliefs about the climate crisis and then strike with them during lunch while we host our very own Speaker's Corner'.

Take A Moment, Or Two - Better Breathing

ELLA REYNOLDS

ALL YEARS

Allow yourself a moment of relaxation, breathing and reflection in this yoga based workshop with Ella Reynolds, creator of Those That Rise. The workshop will provide you with a range of stress-busting, reflective exercises and allow you to just 'Take a moment' and reflect on the world around you. Loose clothing and trainers required!

Up-Cycled Costume Making - The Tempest

DEBORAH COULSTON

ALL YEARS

As part of the Shakespeare Schools Festival in November, Year 9 will be taking their production of *The Tempest* to perform at The Rose Theatre, Kingston. Help us to design the costumes to reflect the polluted island where the play takes place. We will be using non-recyclable plastics as the base of our costume design.

Women Led Resilience: Experience From ActionAid International

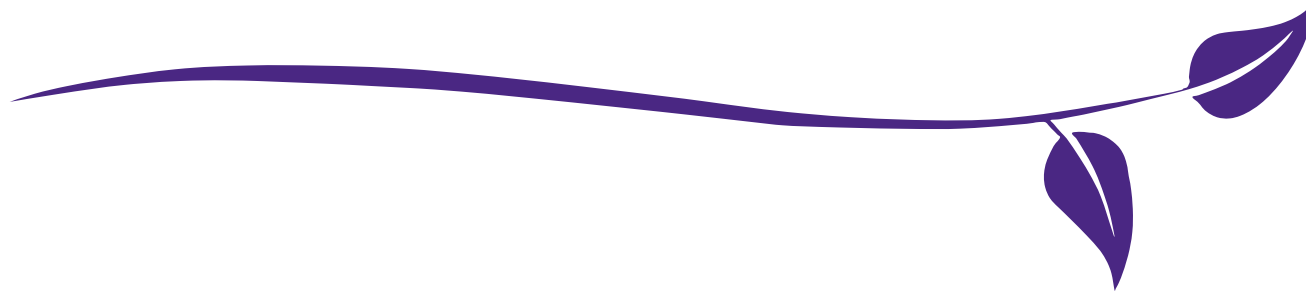
BECKY MURPHY – ACTIONAID

ALL YEARS

This session by Becky Murphy – Global Resilience Advisor at ActionAid International, will examine what it means to be resilient to climate change risk and explore how women-led resilience can empower schools and communities to be alert to and responsive to climate hazards. Hear how local women leaders from Kenya, Cambodia and Vanuatu went to speak at the UN Global Platform about their experience and work in this field.



LUNCHTIME ACTIVITIES



Hawke
- band performance



Book Sale
– 'The Little Book
For Big Changes'

Last Man Standing
- inflatable game
(to raise money for a charity)



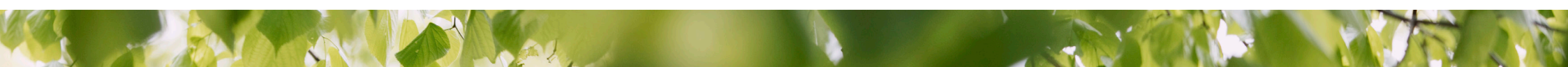
Clothes Swap



Biscuit and Cake Sale
(from Christina Brierwood's session)



Zero Waste
- pop up shop



TRIPS



Practical Conservation

on East Sheen Common with The Conservation Volunteers

LAURA BRACKENBURY AND SARAH TYLER

YEARS 10-13

Join the conservation volunteers on East Sheen Common in a practical activity which will enhance the biodiversity and sustainability of this lovely habitat to the rear of Richmond Park.

Please wear stout shoes or walking boots and clothes which you don't mind getting dirty.

Lush

What's behind the store doors of the Lush headquarters?

ALL YEARS

Ever wondered how a High Street store ensures they are sustainable both in their environmental approach to product making but also testing? Now is your chance to find out. Lush are proud advocates of their 'no animal testing, vegetarian friendly product' policy and you will get the chance to see and learn about it first hand.

Remember to bring some cash with you as you'll be able to visit the gift shop too!

Litter Pick (5km run)

A run with a difference

ALL YEARS

No lessons means it's time to get out and enjoy our local surroundings. Enjoy a 5km run from Putney to Hammersmith Bridge, with rest stops built in so that some litter picking can be done, to help clean up our environment.

Suitable for all running abilities

What Happens To Your Waste?

Waste Authority Trip

BRYONY GOUGH

ALL YEARS

What happens to our waste? Our Smugglers Way site handles the rubbish and recycling from four London Boroughs; during your visit your class will see how the waste is sorted and dealt with for recycling or disposal. We want to encourage a positive shift in the way in which people deal with their waste. See it in action.

TRIPS



Wildlife On Our Doorstep: an appreciation of a local wetland

ANDREW ROSS

ALL YEARS

Learn about the many bird species that have benefitted from the fantastic reserve created at the Wetland Centre in Barnes, both large (ducks especially, swans, herons) and small (perhaps pipits, wagtails, finches) as well as other wildlife and flora (insects, plants and water-dependent species). The reserve also showcases the efforts of the Wildfowl Trust in saving wildfowl species that were in danger of extinction - such as the Hawaiian Goose. Mid October should also reveal some bird migration so we may see species heading off south overhead, or some that stop here for just a short while.

Bring money for the café!

Scribble And Stroll

JULIE SHARP

ALL YEARS

A chance to potter in Putney, considering context (and coffee), catching thoughts and ideas in words, while on the move.

Please remember to bring a coat with you (especially if there is rain forecast) and some change for a drink.

Visit To Sewage Treatment Works In Kingston

PENNY FREELEY

YEARS 7-9

A visit to investigate how Thames Water manage and recycle water, supplying more than 8 million people. You will have a tour of the site and take part in some activities such as the "Poo Power" experiment!

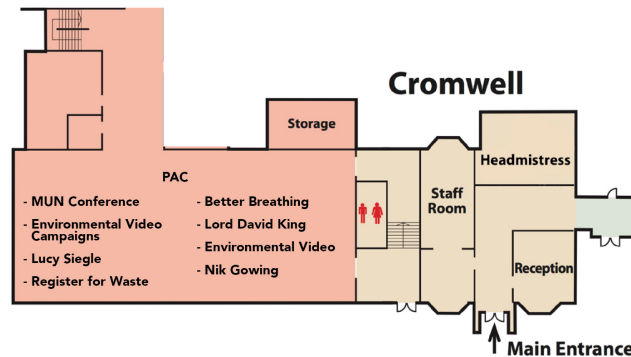
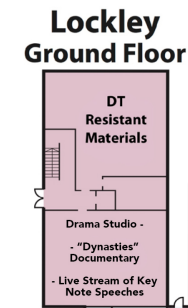
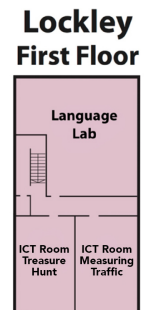
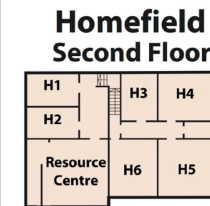
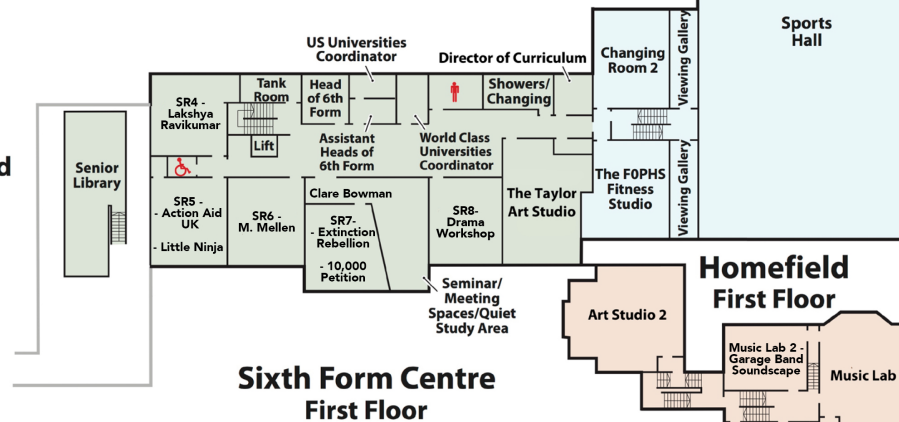
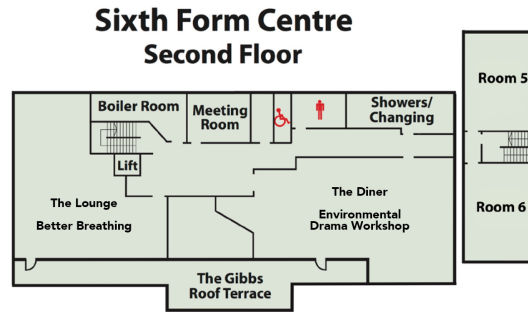
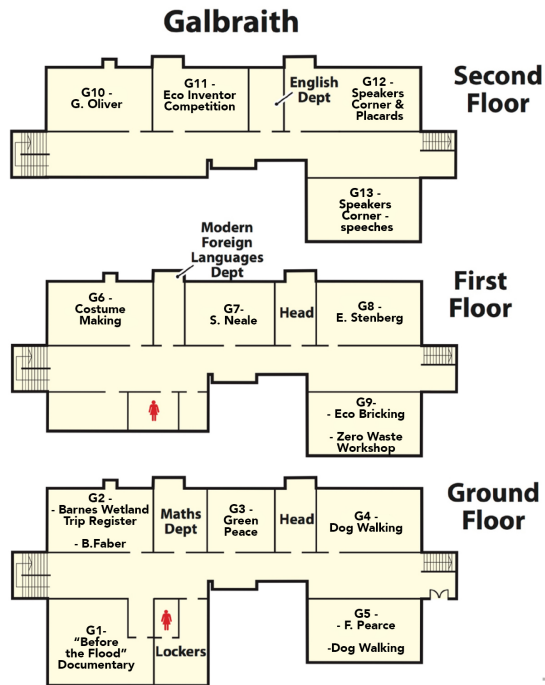
Please bring a packed lunch with you if you go on this trip.

Paws Against Pollution

EMMA CROCOMBE, SOPHIE CLEGG,
JANE CLARKSON & BARBARA HAWKINS

Join Monty, Ruby, Wilma and Harley as we take on the litter at Putney Common. You'll get the chance to meet all four dogs and then go up to Putney Common with two of the dogs and rid our beautiful local environment of litter.

Please bring trainers or walking shoes.



The Astro Centre

