

Eco-Schools 2021/22 Green Flag application – our committee and afterschool activities

Our Areas for Action:







WASTE

HEALTHY LIVING

SCHOOL GROUNDS

Background

+ We started our Green Flag journey in February 2019, just before lockdown. Our Eco-Commitee completed our Environmental survey and were about to identify the areas to work on when lockdown happened!

A lot changed at school and we faced several challenges...

- Online learning we ran online afterschool/ lunchtime Eco-Schools meetings which a few students attended but this was incredibly challenging.
- + During home learning, the wildlife garden that the Green Team (pre-Eco-Schools) had created was removed as a new Head and Governors made difficult decisions about the use of outdoor space for lockdown bubbles AND repair of fencing and flooded areas caused insurmountable problems.
- + Squash jugs, and glass water bottles, along with homemade cake on plates as snacks were replaced by plastic bottles, individually wrapped cakes and biscuits and ketchup pumps were replaced with sachets. The students and staff were upset but covid rules came first.

So what could we do?...

We were so excited to be able to take part in the RSPB Big Birdwatch, with an online TEAMS meeting and several families. Other people took part on their own with prompting from the Eco-Schools Committee. We ran a photo competition too!

The Head was pleased to do this as it contributed to our wellness and mindfulness drive during lockdown.



LUCK C RSPB Big Garden Birdwatch

Friday 29 January from 12.45



Staff, students and parents are invited to take part in the Luckley RSPB Big Garden **Birdwatch at lunchtime on Friday 29** January. This will be a wonderful chance to relax, turn off from work and screens and enjoy some quiet time whilst contributing to an important conservation project.

Sign up to the Big Garden Birdwatch on the RSPB website () in advance if you wish to gain a spotting sheet - or visit The Great Eco-Schools Team to download one. Put bird-food and fresh water out in the week before the count to encourage birds into your garden. You don't have to sign up early to take part

Spend 1 hour watching and recording the birds in your garden over lunchtime during school on Friday January 29th. Put bird food out and sit quietly by a window for best results. Pair up with someone in your house or ask someone nicely to bring you some lunch so you don't miss any birds!

You can join us for an informal chat during this time on The Great Eco-Schools



Environmental Review: On Return to school in September 2021

Eco-Schools announced a new 1 year cycle. We hope that our activities from the past year and a half could contribute to this.

+A lot of changes had occurred so we re-did our Environmental Review, the results of which are in another PowerPoint, created by Isobel and explained in an assembly, written and organised by Isobel. Isobel also sent her Environmental Review PowerPoint to the Head and Bursar.

+We chose our topics: Waste, Healthy Living and School Grounds

Eco-Committee



Our Committee is made up of students from each Key Stage 3 class. We have students in KS4 who are interested and attend some meetings and help with some activities, plus our Prefect, Isobel who is in Year 13 and is brilliant at organising everyone and keeping SLT informed. While we try and have a member of SLT at our meetings, this is very difficult in our Independent Secondary school so we rely on emails and separate meetings (with and from students as much as possible) to gain permissions and discuss options.

We have at least one Eco-Committee meeting every half term at lunchtime, plus the Eco-Schools afterschool club is open to everyone. Big decisions are made at the half-termly meetings, while the afterschool meetings are a time to get things done and keep generating ideas.

Our Eco-Coordinator is Mrs Clutterbuck, previously helped by Mrs McCulloch and now Mr Samson.

Eco-Board

- + We have an Eco-Board in reception, next to the dining room. It looks very smart but is restrictive in terms of what we can display. For example, there is not enough room for photos of the Eco-Committee. Luckily our school is small and everyone knows everyone else!
- + The minutes and Environmental Review are stored in the pockets.
- + Mrs Clutterbuck and Mrs Luckin are hoping to put lots of information on the new school website and celebrate our achievements. Next year, we hope more students can write articles to tell everyone what we are up to.
- + As Eco-Schools becomes embedded in the school we hope to include more students in our activities.



Inform: Twitter.. some of our Tweets

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Amy - Primary Education Officer and 6 others liked your Tweet

We have broken ground on our new wildlife garden @LuckleyHouse and sown some seeds! Exciting times! I wonder what will grow? @EcoSchools #wildlifegardening #nature pic.twitter.com/9TU16p5KRr



The sun came out! Thank you to all who supported our Earth Day Fundraiser! What a successful Woodland Eco-Hunt and Second hand book sale, supporting our #recycling and #healthyliving aims! Prizes and totals to be announced on Friday... Luckley Eco Schools @EcoLuckley · 12s

A great effort from our @EcoSchools team. What a very successful cleanup after the recent storms blew litter around the woods @LuckleyHouse . Who knew litter picking was actually rather fun? 😀 🗭 🗭

#GBSchoolClean @KeepBritainTidy



Luckley Eco Schools @EcoLuckley · Mar 25 ···· Lots of donations for our second-hand book sale on Monday to raise money for our wild-life garden and apple tree. Very exciting! #books @ecoschools @LuckleyHouse #recycle









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Luckley Eco Schools @EcoLuckley · Feb 9, 2021 First prize goes to Hannah's close-up action shot of a robin and second prize to Alice for these wonderful photos taken during the Luckley Birdwatch! @Natures_Voice @LuckleyHouse #EcoSchools #BigGardenBirdWatch



Action Plan

Actions and Evaluations







Eco-Schools Action Plan 2021-2022

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Eco-Schools Topic 1 Waste	 Action(s): Continue to use recycled paper/ paper from Sugar beet. (from 2020) Restart Plastic Water bottles being replaced on trips (Feb 2020) Install Recycling bins in each classroom. (Sept 2021) Increase awareness in school of how to use these. (Sept 2021) Reduce junk mail to office (from Oct 2021) Collect clothes through Rag Bag (scheme in association with DofE (Nov 2021) Create recycled Christmas decorations. (Dec 2021) Second hand book sale to raise funds for garden. 	Duration: Feb 2020-July 2022 (We started initial plans just before Covid-19 pandemic then rewrote Environmental review on return to school in pandemic. Action plan formalised in Sept 2021 after some actions started or started then stopped)	 Monitoring: How many new bins bought? Recycling perception survey before and after bins. Assembly and label competition Rag bag – need to start this. How many decorations? complete Students asked to bring own water bottles on school and sports trips from Feb 2020 (start of our Eco-Schools journey). Paused for Covid. Restarted in March 2022. Recycled sugar beet paper – currently supply issues. Bursar is rethinking this. Junk mail – Office to weigh mail and send back each month – paused in covid – needs to restart. Books donated by parents and sorted by lsobel, Ava and Bea.
 Aim: To reduce the paper and plastic waste (incl recyclables) in school To increase awareness of recycling and using second hand within school. 		 Responsibility: Eco-Committee and Eco-Schools Club with With assistance from: Mrs Clutterbuck, Mrs McCulloch & Mr – Eco-Coordinators Site Manager – organise bins Bursar – site bins and recycled paper Office staff – junk mail to office DofE volunteers in charge of Rag Bag with Eco-Schools club help. Mr Humphreys to keep records of sports trips and plastic bottle numbers. 	Evaluation: 17m of newspaper paper chains created in one Eco-Schools Meeting.photo Number of new bins = 12 Stats from Recycling Perception survey: mixed results but 54% think attitudes to recycling have improved at school. Changed school policy on refillable water bottles – no more plastic except in emergencies. How many plastic bottles saved? Cannot quantify, however school policy is changed so success! Book sale – Raised approximately £95. Over 190 books sold in 1 hour.
Eco-Schools Topic 2 School Grounds	Action(s): Improve look and biodiversity of area near boarding house including planting a fruit tree to join 'Boarding Orchard' & create pots of spring flowers (fundraising required for tree)	Duration: May 2021-July 2022 Wildlife Garden – Spring 2022 ongoing	Monitoring: Photos of pots, tree Photos of Wildlife garden Photos of bird boxes and numbers. Photo of greenhouse

Eco-Schools Action Plan 2021-2022

			BRITAIN POSTCODE
Aim: To improve school grounds to promote understanding and appreciation of nature.	Start to re-create lost wildlife garden once AWP is in place. Reinstate Greenhouse. Maintain wildlife pond renovated by Green Team in previous years (ongoing).	Responsibility: Eco-Committee and Eco-Schools Club with With assistance from: Mrs Clutterbuck, Mrs McCulloch & Mr Samson – Eco-Coordinators Site Manager – organise Greenhouse Mr McNaughton DT – to facilitate Year 9 making of birdboxes.	Evaluation: Greenhouse reinstated after an email written by students to Mrs Coogan, photo. Bird boxes made by Year 9 students in DT (thank you to Mr McNaughton for integrating this into his pre-GCSE curriculum). Photos & Curriculum plans Wildlife pond cleared of blanket weed by Eco- Schools club members in Sept 2021.photo Money raised for Apple Tree 3 pots planted New Wildlife garden started – seeds sown.
Eco-Schools Topic 3 Healthy Living	 Action(s): Take part in virtual RSPB bird count in lockdown (Jan 2021) & Photography competition. Whole school assembly by Head Mindfulness minutes in Eco-Schools club time (Nov-December) Creation of #Spottingnature display board Create a mindfulness relaxation area in Wildlife garden. Grow flowers and fruit and vegetables 	Duration: Jan 2021 – July 2022 Wildlife garden projects - ongoing	 Monitoring: Plans and planting & photos of mindfulness area. Photo of Spotting Nature board. Treasure hunt posters/ questions and funds raised. Evidence of growing plants in greenhouse – video by students – oh no! Forgot! Total number of mindfulness minutes achieved Nov - December Ppt of Head assembly
Aim: To promote healthy minds & bodies through nature connectedness.	 Orow nowers and nult and vegetables in Greenhouse and Boarders patio area. Outdoor fundraising woodland 'Eco treasure hunt' 	Responsibility: Eco-Committee and Eco-Schools Club with With assistance from: Mrs Clutterbuck, Mrs McCulloch & Mr Samson– Eco-Coordinators With support from: Mrs Bizior – Head Teacher	 Evaluation: Virtual RSPB bird count in lockdown -posters to encourage participation online or offline. Ava, Isobel, Alice, Mrs Clutterbuck & 2 online at 1pm-2pm. Verbal evidence of several other families and staff members completing count offline. Winning photo by Hannah of Robin Photo Photo of Spotting Nature board PPT of Head assembly or screenshots. 50 entries for Treasure Hunt £120 raised

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Our Waste topic was an important one as the biggest issue our Eco-Committee recognised was the lack of recycling bins around school and a lack of understanding about what should go in them. There was complete inconsistency throughout the school.

+ The Bursar and General manager agreed with the committee and started to put some lovely new recycling bins in each classroom and communal area. SUCCESS!





In October 2021 the committee then created a Microsoft Forms questionnaire to find out about the school's perception of recycling. We knew we couldn't weigh all of the recycling in the bin as the cleaners emptied them daily, and quality was better than quantity. So we decided to see if we could change the perception of recycling in school and encourage correct use-age of the bins.



We also ran a recycling poster competition to publicise what could actually go in the bin. The winner was Ryan. His design is now on every recycling bin in the school as a reminder of how to use the bins.



We then ran another survey in May 2022 to see if people's opinions and habits had changed. The results are on the following slides:

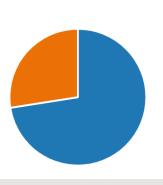
+ 2 recycling perception surveys + 12 new recycling bins

- + We struggled to get students and staff to complete the surveys but did have 91 responses for Survey 1 and 87 for the second survey.
- + Our data was frustrating as it appears from the quantitative data that we have gone backwards in raising awareness.
- + However, the qualitative data (written responses) do show an awareness and acknowledgement that bins have appeared and they are labelled in a helpful way.



October Survey:

3. D	3. Do your family recycle (0 point)		
More Details			
	always	66	
•	sometimes	25	
	never	0	

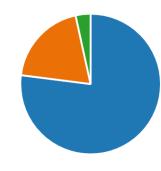


Spring Survey:

3. Do your family recycle (0 point)

<u>More Details</u>

	always	67
•	sometimes	17
	never	3



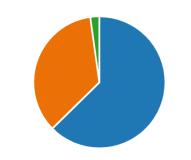
Yr 7 Eco-Committee members Elliot and Akshaj helped Mrs Clutterbuck look through the data and put this together. They couldn't believe that students claimed they were recycling less!

October Survey:

5. Thinking about you personally, when at school, do you actively choose to put waste paper into the recycling bin, instead of the main rubbish bin?

More Details

	Always	57
•	Sometimes	32
	Never	2



Spring Survey:

5. Thinking about you personally, when at school, do you actively choose to put waste paper into the recycling bin, instead of the main rubbish bin?

More Details

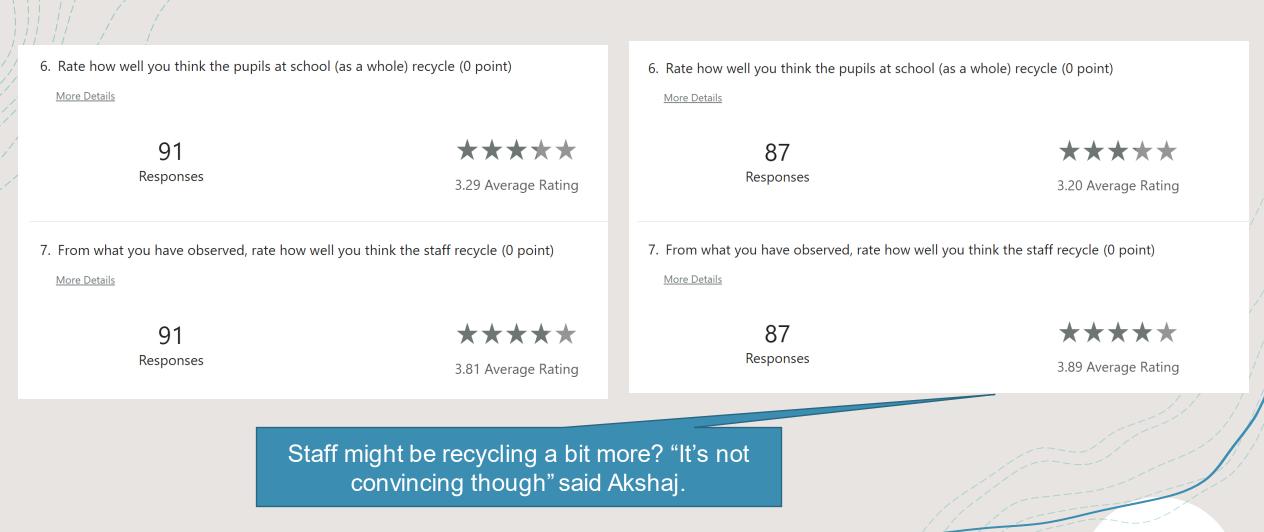
Always	5	43
😑 Someti	imes	42
Never		2



Yr 7 Eco-Committee members Elliot and Akshaj again were really annoyed! "We've gone backwards!"

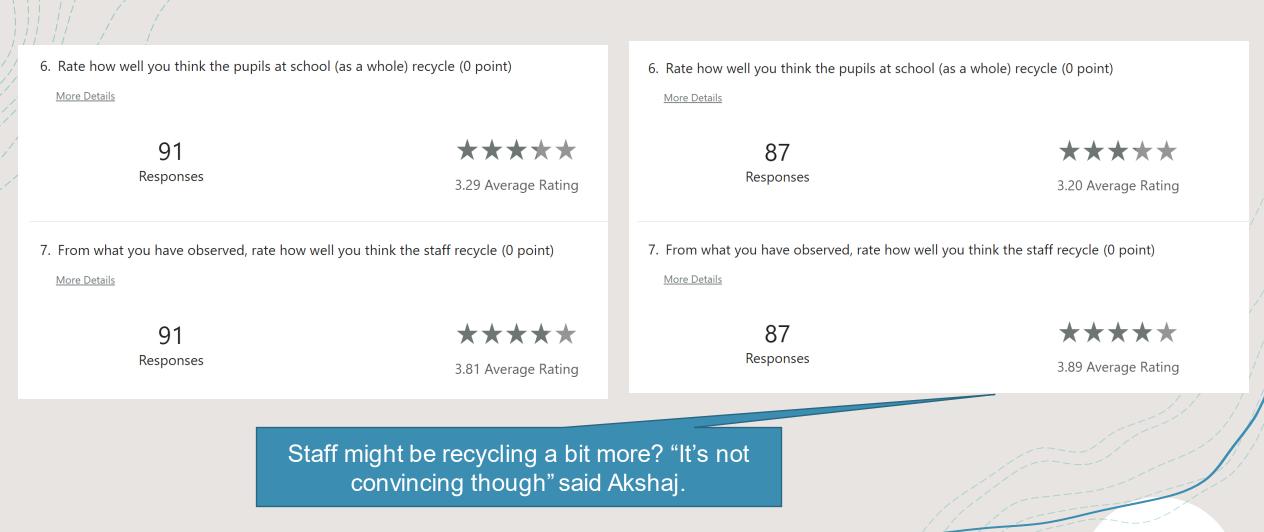
October Survey:

Spring Survey:



October Survey:

Spring Survey:



October Survey suggestions and comments:

Create posters to show what goes in the recycling bin and what goes in the waste bin



Do we have photos of items of rubbish that can be put into the recycling bins? In classrooms / around school

Please could we have a recycling bin in all of the upstairs Sixth Form classrooms? We only have a main rubbish bin in all of the upstairs rooms, meaning that I either have to throw paper in the main bin, or put it in my bag for later.

I think a lot of people (including myself) are somewhat unsure on what definitely needs to go into the recycling bins at school or in general. Maybe an assembly would be a good way to notify people what kind of things they are expected to recycle?

Done but another assembly might help!

Spring Survey suggestions and comments :

Put a reminder on each bin of what could be put in each bin for when people are unsure.

Perhaps a sign is needed by each bin - some of them do have a sign but not all.

I would like to see paper recycling bins in the teacher work rooms as well

Oh dear...it looks like we need to do some more work

Do you feel that awareness of recycling at school has changed since September? If so in what ways?

54% (a majority) of responses were positive, suggesting that **awareness of recycling** has improved at school!

Waste: **10kg of Litter Collected** for The Great School Spring Clean



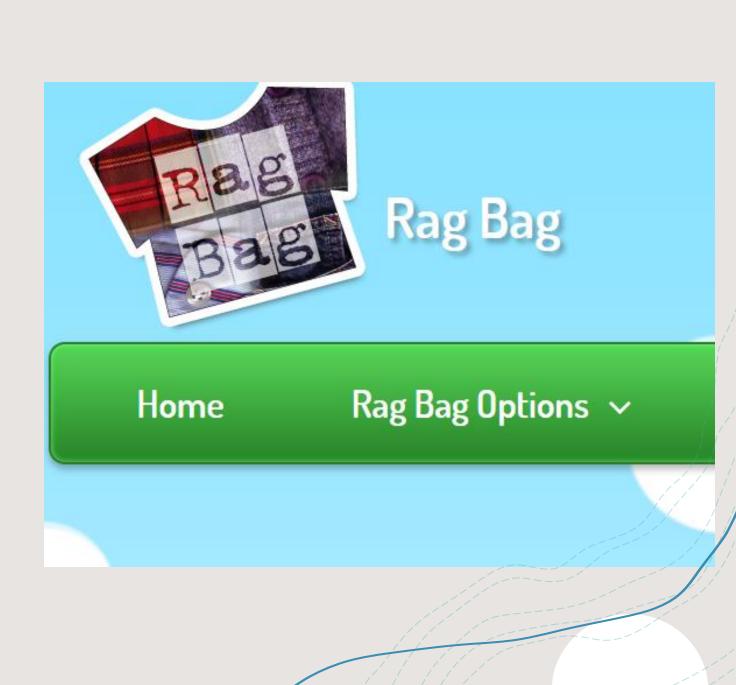
Recycling poster



Final touches being made to Ryan's poster.



- + We joined forces with the Duke of Edinburgh students to start a Ragbag collection. Due to issues with a students' health and other commitments, this project has not yet got off the ground, but we hope that we can get going properly next year.
- + We have the clothes bins ready to go!





With 10 minutes of mindfulness at the start of each meeting between November and December, the Eco-Committee racked up:

Healthy Living



143 mindful minutes!

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We enjoyed being outside just listening to the sounds around us. Staff members and other students would walk past but no one interrupted us! They knew we were having a quiet time and it was wonderful.

Healthy Living & Grounds

+ Our Woodland Treasure hunt raised enough money for us to buy **ONE Apple tree** for the Boarders to join the BSA Boarders Orchard. It is late in the season now to plant this but we hope to buy and get this in the ground in the autumn. The Bursar has said as we did such a great job he may buy some more!

Luckle HOUSE SCHOOL	Bursar: Mr Norman Patterson BSc (Hons) BSc MSc (DevMgmt) (Open) Email: bursar@Juckleyhouseschool.org Telephone: 0118 974 3201 Fax number: 0118 974 3218 Luckley Road, Wokingham, Berkshire, RG40 3EU Website: www.luckleyhouseschool.org
To: Luckley House School Eco Committee	
10 May 2022	
Dear Committee Members	
Thank you for all you are doing to improve our en- what we do.	vironment and raise awareness of the impact of
I am delighted to confirm that you have raised eno Boarders as laid out in our Eco-Schools Action plat	
Best wishes for your ongoing plans.	1.
Yours sincerely A Norman Patterson	

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Healthy Living: Healthy mind & Nature Connectedness

Some students took part in the #spottingnature challenge. We couldn't ask them to tweet their favourite places, so they wrote about them instead and we put some up in the Geography corridor. Clearly these girls enjoy their sunsets!

Ava's Contribution (yr 8)

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This is Croyde. Croyde is my nature happy place because of all the beautiful plants and animals that live around there.

In this picture, you can see Croydes beautiful sunset over looking baggy point. On the left is Croyde beach, which is popular for its big, majestic waves.

There are a lot of cliff walks that you can walk around and they each have a great view of the sea and many caves and rocks below. Baggy point in the best cliff walk because of all the flowers and plants around the cliff. As you descend down the hill on the walk, there is a field filled with flowers, it is very beautiful and you even see poppies scattered around the field as well as daisies and buttercups.

My favourite part of Croyde has to be the waves in the sea. There are many big waves in croyde, and I love to the sea gulls dive into the waves.

Croyde is important to me because me and my family go there every summer for holiday, and we have the best time going for walks and hanging out on the beach. Baggy point is owned by the National trust.

Grace's Contribution (yr 9)



l love Woolacombe because it is right next the beach. At night, the sun is beautiful as it sets below the horizon of the darken sea. As the sun sets, it paints the sky in red, pink and orange. I could see tiny white jellyfish on the beach that had been washed ashore. When the tide was out, you could find crabs, small fish, shrimps, anemones and sea snails in the rock pools. #Spottingnature challenge #Spottingnature

Healthy Living & Waste 'Earth Day' Fundraiser



- + To raise money for an apple tree and for our Wildlife Garen the Eco Committee decided to run a Woodland Eco-Treasure hunt and a second-hand book sale, one lunchtime.
- + **Parents and students** were asked to bring in books they did not want, and the Eco-Committee sold them on the lawn.
- + The Treasure hunt was run like a scavenger hunt. Bea on the Eco-Committee went around local business, involving the local community in Wokingham, with a letter she wrote, asking for prizes for this. The shopkeepers were so enthusiastic! We got so many prizes that we are going to run another Eco-day in the Summer term, invite parents and have a raffle.
- + The Treasure hunt was a chance for anyone in the school to enjoy nature, go for a walk (both part of our Healthy living goals) and learn some facts about the world, nature and sustainability.

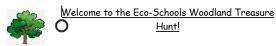
We raised £120!



50 entries!



190 books sold in 1 hour!





Run, walk or stroll through the woods to find the answers to the following questions. Write your answers in the box provided then hand in for your chance to win tickets to Wokingham Superbowl and Laser Quest. There are also some small runners up prizes just for fun.

If you are confident that you have the correct answers, you can enter more than once – just fill out another form and pay an extra 50p! Winners will be randomly picked from the entries with the most correct answers.

No cheeky group entries - if you are playing the game, you need a form!

Name: _____

	Question	Answer
1	What percentage of the planet's water is drinkable?	3% of water
2	What year is it estimated that there will be more plastic than fish in our ocean?	2050
3	According to a recent study, over 50% of the trees in 2 new British woods were planted by which bird?	The jay
4	How much of our waste do we recycle in the UK each year?	17% of waste
5	The Japanese believe that enjoying the calming properties of a woodland is good for our health and they call this 'Forest Bathing'. What is the Japanese term for this?	Shinrin-yoku
6	According to National Geographic, how many trees are cut down every day by humans around the world?	42 million trees!
7	True or false: Placing your hands on natural wooden surfaces has been scientifically proven to quickly lower heart rate and the production of the stress hormone, cortisol.	True! (So furnishing your house with wood is more calming than plastic, metal or marble)
8	White wood anemone flowers, English bluebells and wild garlic plants are all indicators that a wood is	Ancient woodland
9	How many times can a glass bottle be recycled?	There's no limit!
10	How long does it take for nylon fabric clothing to decompose in landfill?	30 – 40 years
11	How many litres of water does it take to make a pair of jeans?	7,500 litres of water to make (a number that includes the water used to grow the cotton, make the denim and get the product shop-ready)
12	What percentage of the planet's surface is occupied by livestock for human consumption?	30% of the planet's surface

Grounds: Wildlife Garden project

- + We have had a wide variety of students come to our after school club to help us start to create the wildlife garden.
- + Students have dug and weeded the area and sown wildflower seed.
- + We have collected logs from the big storm to create a stag beetle log pile and have asked parents if anyone has a second-hand wooden bench we could have.
- + If we can't get one, we decided to make one from logs and planks of wood.
- + This will be an ongoing project at Luckley!
- + Evaluation We have started!





Grounds



The Committee wrote to the general manager. An old **greenhouse** was about to be thrown out. It had been taken down to enable building work. Students asked for it to be **reinstated**.

It was!

We use it all the time.

Isobel (yr 13) and Anna (yr 9) planted up **3 pots with bulbs and pansies** to cheer up the Sixth Form/ Boarders' patio

Akshaj and Elliot (yr 7) are currently watering the **sunflowers and potatoes** growing in the greenhouse, planted by a range of students.

Other whole school participation...

Luckley Eco Schools

Following 9 Tweets Luckley House School @LuckleyHouse · Nov 5, 2021 As world leaders gather in Glasgow for the COP26 climate conference, Luckley pupils took part in the Great Big Lesson for Climate and Nature, streamed live from #COP26 #TheGreatBigLesson



Other whole school participation...

Mental Health Week - 'Connect with Nature'

After sharing our Eco-Schools Action Plan with her, our Head promotes mental health through connecting with nature in our regular Monday Assembly and launches a nature photography competition for vouchers! Here are just a few slides from this assembly.







What's next?

Next month we are going to run another fundraiser – an Open afternoon to **involve parents**, an open lunchtime work party to clean the original wildlife pond that we look after and to **plant** some tomato plants and lettuce plants up for students to **take home** for the summer.

We'll also run our **Healthy Living Themed raffle** with gym memberships, climbing lessons, mini golf games and spa experience prizes **from local businesses, thanks to Bea!**

Next year...now we all understand Eco-Schools a little more, we hope that next year, more students can take a more prominent role in organising & written communication (they were pretty good at talking and assemblies). Maybe the committee will make this PowerPoint themselves! We want to involve the whole school in more activities too.

Our Action plan may be less full next year, but we might be ambitious... We'll see!

Mrs Clutterbuck with (a little bit of) help from the Eco-Committee