

Resiliency Action Plan

School Name:

Eco-Schools Topics: you must have 1 major and at least 2 minor topics

Major Topic	Minor Topic	Minor Topic
Marine	Biodiversity	Energy

Date range of this plan: October 2022 – May 2024

Eco-Code

We are building a **BRIDGE** to a Sustainable Future. **B**an single use plastic; **R**ethink, reuse, recycle, refuse; Increase biodiversity; **D**esign homes to help wildlife; **G**et to know and Guard our local marine life; **E**nergy savers

We agree to commit as a school to embed the reflective, robust and evidence based Climate Resiliency

Action Plan laid out below.

Strategic Leads	Print Name	Signature
Eco-committee Chair		
(pupil)		
Eco-Coordinator (Staff)		
Senior Leader (Staff)		
Board of Governor (staff)		



Resiliency Action Plan

Remember:

- Major Topic should have at least 3 challenges or opportunities along with the planned outcomes and actions for each.
- Minor Topics should have at least 2 challenges or opportunities along with the planned outcomes and actions for each.
- Your completed Environmental Review should allow you to identify several challenges or opportunities for each topic. It also should support the school in identifying planned outcomes they would like to achieve.
- There are several planned outcomes already identified: Effective teaching and learning across key stages, Measure impact-collect data & Inform and involve school community e.g. pupils, teaching and non-teaching staff, parents, wider community etc. You must add your own outcomes to support.
- The Environmental Review Supporting document will help identify different Actions to support your planned outcomes.
- Monitor progress throughout the year by setting review dates and perhaps you could use a traffic light system.



- Pupils must also be responsible for pieces of work.
- Finance required? While we do not have a direct budget to support your projects we can link you with grants or funding opportunities that come up throughout the year. We also offer competitions that offer financial prizes which may be of interest to help support your projects.





Challenge/problem	A Coastal study workshop ta	ught P5 (2021- 22)	Finance required			
statement/opportunity	many things including that plastic just gets smaller and that single use plastic is detrimental to wildlife. We want to reduce the amount of plastic we use in		Costs for the replacement straws has been met from PTA funds			
Planned Outcomes	Actions that will help achieve the outcome	Who is responsible for completing/ coordinating this?	Progress review: when/who/amendment s	Did you meet the planned outcomes? Give examples.	What improvements could be made in future? Give examples.	Final Date for completion
New Outcome 1: Ban plastic straws	Plastic straws will be replaced with paper or bamboo straws	Eco- council,	During 2022/23 P5 successfully trialled using paper straws in their milk each day. October 2023, all plastic straws were taken out of all the classrooms and replaced with bamboo straws	Yes, we now use bamboo straws throughout school. No plastic straws are used in school.	None, we will continue to use these straws.	October 2023
New Outcome 2: Planned approach to reduce plastic in school with support from staff and children	Discuss plastic issues in class, Eco-Council and staff to ban plastic straws, single use plastics and plastic bags. Completed Plastic Pledge https://liveherelovehere. etinu.net/cgi-bin/PlasticPromiseLeader shipBoard	Staff and to complete	Discussed and agreed at Eco – Council and staff meetings in September 2023. Plastic pledge competed by	Yes. We planned our approach and discussed Plastic pledge. This has resulted in straws and cotton buds have been banned. Water bottles are used well. In the dinner hall, all trays (plates) and cutlery are reusable.	Plastic bags occasionally still used and for Winter outdoor event, Styrofaom cups used and need to be replaced.	Pledge completed 8/11/23 Updated 6/2/24 This is ongoing pledge and will be renewed



New Outcome 3: Ban single use bottles in school	Most children in each classroom will use a reusable water bottle each day	Eco Council	Each child is provided with a Water bottle when they join our school. Teachers and eco council monitor usage	Christmas dinner all containers were either reusable or compostable. Cutlery is reusable Previous surveys have shown usage to be 90 – 95%. Eco-Council to keep checking. When single use bottles are brought in, they are recycled.	None. Will continue with current water bottle strategy	every three months. June 2024
Fixed Outcome 4: Effective teaching and learning across key stages	Disseminate Key Stage appropriate resources to encourage an awareness campaign	and all teachers	Duffy's Lucky Escape read to each class. Videos such as The Weatherbies in FS and KS1. P5 leaflets shared at P4- P7 assembly to explain why we need to reduce our plastic and why we have taken the plastic pledge.	All classes have shared the story. P5 have completed the leaflets and will lead assemblies in February to explain	Possibly build in a regular Eco- Council assembly or segment to assemblies at least once a month to keep school community up to date. Consider including Duffy and marine topics each year.	31 st March 2024



Fixed Outcome 5:	Eco- council complete	teachers	Eco council re –	Yes, Surveys show	Use Climate	28/6/24
Measure impact-collect	monthly water bottle	Eco-Council	commence monthly	90 - 95% use of	CALM	
data	surveys.		surveys in January	reusable water bottles.	resources n Twinkl to support developing understanding of Climate change	
Fixed Outcome 6: Inform and involve school community e.g. pupils, staff, parents, wider community etc.	Share progress or events on ClassDojo and the school website.	, all staff via our website and Classdojo	Post to explain our Plastic pledge and to show examples of recycling and reducing.	Not enough	Share more information about plastic pledge – need to update Dojo and the website	June 2024



Major Topic							
Challenge/problem	Despite living beside th	e sea, classes	Finance required				
statement/opportunity	, · · · ·		Possibly for Beach school	Possibly for Beach school workshops and travelling to beaches			
	lives in the sea and why we need to		- Beach school workshops are not currently available.				
	protect it.						
Planned Outcomes	Actions that will help	Who is	Progress review:	Did you meet the	What	Final Date	
	achieve the outcome	responsible for completing/ coordinating this?	when/who/amendments	planned outcomes? Give examples.	improvements could be made in future? Give examples.	for completion	



			The state of the s			
New Outcome 1: Learn about the variety of sea creatures on our shores in Northern Ireland.	Watching Coastal Kidz Television on a regular basis	All teaching staff	All classes have been watching Coastal Kidz since January 2024. P1 -3 & P5 since December 2023	Yes. It is an excellent and informative resource which the children really enjoy watching. Pupils and staff alike have been learning a lot. It has also encouraged discussion and children to share their experiences and knowledge.	Look to find more resources to support learning. Plan visits to a beach to build knowledge.	June 2024
New Outcome 2: To deepen understanding and foster curiosity about our local marine life.	We will create a whole school marine life display, using Ulster Wildlife Resource pack as a starting point, each class will be responsible for researching and making a creature which is found on our local coastline. Possibly attend workshops run by Beach School	All or most classes	Beach School is not currently available. Each class has made a creature which lives locally in or around our local beaches. Children will have an assembly to help learn about creatures other classes have made and consolidate their learning. The met with art co-ordinator 20/12/23 Staff given particular creatures to make and learn about. Classes have completed a variety of activities in the pack to develop understanding.	Yes, greater awareness and curiosity about our local sea life fostered in pupils and staff alike. Display is coming on well and is a valuable talking point. Activities also gave an insight into struggles of sea life – it has also enriched understanding when watching Coastal Kidz. Display completed and can you find? Notes added	Will investigate further into Beach School or other external providers such Exploris Outreach Programme.	March 2024



			Display almost complete 9/2/24			
New Outcome 3: Learn more about marine habitats, food chains and co- dependence of sea creatures and wildlife.	Use Ulster Wildlife resource pack – through games and teaching resources the children will learn more about the sea they live beside.	All classes – teaching staff. to oversee	Ulster school resources shared 20/12/23 to inform next terms planning. Did some extra activities to further develop understanding. P4 wrote fact files, P5 played games to learn about food chains and P6 wrote poems about rock pools	Yes, the games gave some insight into relationships between sea creatures. Staff have been enthusiastic about the topic and developed it in their own ways.	Source local experts to support children's learning and possibly lead a beach study. Encourage staff to seek out other resources	End of March 2024
Fixed Outcome 4: Effective teaching and learning across key stages	Teachers given Ulster Wildlife resources in December 2023 to support teaching and learning. Watch Coastal Kidz regularly. Whole school project to make a 'Larne Marine Life.'	Eco- Coordinator and all teaching staff. Liase with art co-ordinator re whole school marine display	Coastal Kidz shared with staff – 6/12/23 Ulster Wildlife school resources shared 20/12/23 to inform next terms planning. Shared information about art project to all teaching staff in December 2023 and reminders given in January 2024.	Yes, this was a great introduction to the topic and developed some good understanding. Art project encouraged greater research and understanding of given creatures as well as fostering curiosity about other wildlife.	Encourage staff to seek out other resources – e.g. on Twinkl. Upload a Rock pool tick sheet to Classdojo and encourage children to explore rockpools if they are at a beach over the holidays.	31 st March 2024
Fixed Outcome 5: Measure impact- collect data	Knowledge survey about marine life	Co-ordinator provide survey to P4 – P7. Eco-	P7 and P5 completed before survey in September	So far, yes. Have scheduled to complete	Have simpler questions to enable FS and	February 2024



	across P4 – P7 before	Council ensure	Other classes to	after survey once topic	KS1 to report	
	and after topic.	surveys are	complete in January then	is complete.	back their	
		completed.	all classes retake survey	Completed and	progress.	
			in February	uploaded		
Fixed Outcome 6:	Share progress or	School website,	Photos of activities are	Yes, some photographs	None	June 2024
Inform and involve	events on Classdojo	ClassDojo and	on the website and	have been shared on		
school community e.g.	and the school	possibly	ClassDojo. Photographs	the school website.		
pupils, staff, parents,	website.	Facebook.	of the display to follow.	More to follow		
wider community etc.			Rockpool activity to be			
			added to ClassDojo later			
			in the year.			



Major Topic	Marine						
Challenge/problem	<u>_</u>		Finance required				
statement/opportunity			Possibly buy a new large bin for upstairs corridor.				
Planned Outcomes	Actions that will help achieve the outcome	Who is responsible for completing/ coordinating this?	Progress review: when/who/amendments	Did you meet the planned outcomes? Give examples.	What improvements could be made in future? Give examples.	Final Date for completion	
New Outcome 1: To understand the impact of litter in our local environment, on marine life and therefore the importance of keeping	Litter pick with eco rangers – 19/2/24 and Big spring clean – 22/4/24	All staff	Working with Eco- rangers in March to clean school grounds, car parks around school, river path and cenotaph area.	Pending		22/3/24 And 26/4/24	



our local area litter free.						
New Outcome 2: To learn about what happens to rubbish in our bins, what composts and what doesn't as well as exploring how to reuse materials.	ARC 21 visit – Noel Lyons		visited all classes on 21/9/23 and it was an excellent day.	Yes, everyone learned about landfill and the importance of the 7 Rs. P1 – 4 made pots from newspaper. P6 made pencil cases and P5 & 7 completed a quiz.	Next time, take photos of objects made from a variety of recycled materials.	21/9/23
New Outcome 3: Children learn how they can make a difference in reducing the amount of litter we create in school.	Wheelie big challenge	P5 and Eco Council	came into P5 on 16/1/24 to complete Wheelie Big challenge workshop. P5 have weighed and measured 5 bin bags from different classrooms and the staffroom. They really didn't like finding half full yoghurt pots! P5 – P7 are removing non-recyclable bins from the classroom to increase recycling and help pupils to rethink the packaging they use.	Eco-Council and P5 have begun the Wheelie Big Challenge. P5 have decided to have three weeks in KS2 with no waste bin, recycling bins only in the class to see if we can reduce waste.	Pending	20/4/24



Fixed Outcome 4:	Arc 21 workshops with all	Eco-	Dates shared with staff at	ARC21 was	None so far	31 st March
Effective teaching and	classes.	Coordinator	staff meeting 6 th	informative and		2024
learning across key	P5 / Eco- Council feedback	and staff	December 2023.	enjoyable.		
stages	to whole school re updates		in contact with Eco			
	on recycling and reducing		rangers – dates still to be			
	packaging.		confirmed			
	Rubbish monster stories –		Assembly to link effects			
	books in school to be read		of litter on our Marine			
	to classes. Weatherbies		life.			
	video on litter					
Fixed Outcome 5:	Before and after bin	All staff and	Eco-council and P5 have	So far, yes. After		June 2024
Measure impact-	survey, bags of litter	pupils including	explored and weighed	surveys will be		
collect data	collected, analysed and	eco- <u>cou</u> ncil	various class bins. It is	taken at end of		
	decisions made about how	and	recognised a lot more	topic.		
	to reduce our litter		could be recycled.			
			Wrappers need to be			
			reduced. Before surveys			
			have been completed.			
Fixed Outcome 6:	Progress shared on	All staff	Photos shared on the	So far yes, photos		June 2024
Inform and involve	Classdojo, website and	including	website and Classdojo.	shared.		
school community e.g.	possibly parental		Assembly linked to our			
pupils, staff, parents,	interviews		sea life display and			
wider community etc.			Duffy to explain the			
			importance of reducing			
			our rubbish.			



Minor Topic	Bio Diversity	
Challenge/problem	Since the addition of our excellent outdoor	Finance required
statement/opportunity	classroom, the level of biodiversity on our	Resources for the garden – soil, sleepers, chip bark, weed surpressant materials
	site has declined. However, we have a large	etc.



	like to develop part of this garden.			Did you moot the Milest			
Planned Outcomes	Actions that will help achieve the outcome	Who is responsible for completing/ coordinating this?	Progress review: when/who/amendments	Did you meet the planned outcomes? Give examples.	What improvements could be made in future? Give examples.	Final Date for completion	
New Outcome 1: Begin to develop a wildlife garden.	Planting trees to form a boundary around our proposed wildlife area as well as some native trees within the boundary to begin our wildlife area.	, P7 children and teachers.	Chris Wood from Mid and East Antrim Council visited us on 9/11/23 to discuss planting native trees and using willow trees to form the boundary. He returns 1/2/24 to plant 116 willow trees and 5 rowan and 5 birch trees with P7. 1/2/24 – willow boundary planted by P7. Chris is to return with the native trees.	Yes, a good start has been made, all willow trees have been planted.	Weed supressing material has been asked for from the school community. Have this in place for when trees are to be planted.	This is the beginning of a new project. Willows planted by 1/2/24. Plants moved by 22/3/24	
New Outcome 2: Improve biodiversity.	Existing plants will be moved to the Wildlife Garden to allow a vegetable garden to be developed close to school and kitchen.	Garden Centre to support moving plants and setting up vegetable plots. Parents, children and	Gary has been contacted and will survey site, then give advice and support for a possible gardening afternoon in March to move plants. Gary has visited us and a gardening afternoon is planned for 21st March to	Pending		March 2024	



		staff work	clear, pot up plants from			
		together as	current school garden and			
		part of a	prepare beds for new fruit			
		gardening	and vegetables.			
		afternoon	Parent volenteers have			
			been asked for as well as			
			donations of large pots.			
			The parents have been			
			donating their pots.			
Fixed Outcome 4:	Will maintain current	Eco-Co-	So far, following existing	So far yes.	None so far	31 st March
Effective teaching and	curriculum about	ordinator/WAU	current teaching topics, but			2024
learning across key	biodiversity.	Co-ordinator,	will share resources as			
stages	P7 learn how to plant	Eco Council	needed.			
	trees and the best time to	and all staff	Make the link of habitats to			
	plant them. Children		protect and feed our			
	revise how to make new		wildlife during assembly for			
	plants as Gary leads the		different key stages			
	session to move plants to					
	our new area.					
Fixed Outcome 5:	biodiversity audit –	Eco-Council	Complete 1 st audit in	Pending		21 st March
Measure impact-	species survey		March 2024			2024
collect data			2 nd Audit June 2024			14 th June
						2024
Fixed Outcome 6:	Share progress on		P7 planting trees in P7	Yes, so far.		June 2024
Inform and involve	website, Classdojo and		section of our school			
school community e.g.	Facebook		website. Willow tree			
pupils, staff, parents,	Gardening afternoon.		pictures on ClassDojo			
wider community etc.						





Minor Topic	Biodiversity					
Challenge/problem	The new garden will need t	o maintained	Finance required			
statement/opportunity	and cared for. To help achieve this, involving the children from the beginning is important as is developing their understanding as to why this area is so important.					
Planned Outcomes	Actions that will help achieve the outcome	Who is responsible for completing/ coordinating this?	Progress review: when/who/amendments	Did you meet the planned outcomes? Give examples.	What improvements could be made in future? Give examples.	Final Date for completion
New Outcome 1: Children are involved in the creation of our Wildlife Garden	Create an initial plan of our wildlife garden. Children can contribute drawings and ideas of what they would like to have in their garden.	Eco – council inform classes and chose ideas. Teachers encourage / teach children to draw an age appropriate plan.	Eco – council asked for children's input in February and ideas to be submitted to and Eco-Council by end of March.	In progress		March 2024
New Outcome 2: Children understand the term biodiversity and why it is important.	Teach the children of the importance of biodiversity to look after our wildlife. Explore resources to support this teaching	Teaching staff	Most classes are covering an aspect of growth, seeds and habitats but more explicit links and revision are needed to develop a deeper understanding.	ongoing	None so far	June 2024
Fixed Outcome 4: Effective teaching and learning across key stages	Through existing topics plus input from Weatherbies or resources from WWT to develop	Teaching staff to direct staff to	Teaching has continued as usual. New teaching to be implemented next term. Other actions pending	So far, yes	Not at this time	June 2024



	understanding in the	suggested			
	summer term.	resources			
	and Eco Council to talk to				
	classes about the				
	importance of biodiversity				
	and share results of the				
	first audit in an assembly				
Fixed Outcome 5:	Biodiversity audits –	P4 – P7	No updates currently	Pending	21st March
Measure impact-	knowledge survey				2024
collect data	Complete 1 st audit in				14 th June
	March 2024				2024
	2 nd Audit June 2024				
Fixed Outcome 6:	Share progress on		No updates currently	Pending	June 2024
Inform and involve	website, Classdojo and				
school community e.g.	Facebook. Share ideas	Teaching staff			
pupils, staff, parents,	generated by the children				
wider community etc.	on the website and				
	classdojo. Take pictures				
	during audit and share				
	importance of audit on				
	website and Dojo.				



Minor Topic	Energy	
Challenge/problem	Cost of energy bills in school and at home	Finance required
statement/opportunity	have significantly increased, so we need to	
	look at ways to reduce how much we use.	



Planned Outcomes	Actions that will help achieve the outcome	Who is responsible for completing/ coordinating this?	Progress review: when/who/amendments	Did you meet the planned outcomes? Give examples.	What improvements could be made in future? Give examples.	Final Date for completion
New Outcome 1: Discover devices that use a lot of energy and find ways to reduce this.	Take part in Mid and East Antrim Energy Detectives programme	, P6 & P7 children, parents and teachers.	Children completed this task 6 th -10 th March 2023.	Yes. It did raise awareness of devices using electricity and when peak times of usage were.	P7 didn't have full participation and there was a lack of enthusiasm at times. More thought in promoting a project like this in the future may be needed.	14 th March 2023
New Outcome 2: As a school community, reduce our energy usage.	Take part in Energy Saving Trusts Energy Saving Week to learn how to save all types of energy and water	Whole school – co-ordinated by and the Eco-Council	Ran competition from 8 th – 12 th January 2024 All classes took part. – Good participation We have received our certificate for taking part.	Yes. Raised awareness of a variety of ways to save energy, received positive feedback from parents. At least 143 out of 193 pupils participated. Results due at the end of February 2024. We reduced our	More encouragement at a whole school level might help. Also using Climate CALM resources to build understanding could help.	17.1.24



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Fixed Outcome 4:	Give out teaching	Eco-	MEA materials were very	Carbon emission by between 200-300kg worth of CO2.	As mentioned	Energy
Effective teaching and	materials to P5 - P7 staff	Coordinator	good but quite lengthy.	were achieved	above, making	Detective
learning across key	sent from MEA council.	and teaching	However, a good support	but the activities	staff aware of	materials
stages	Encourage use of	staff	for staff. Weatherbies	also highlighted	and encouraging	delivered to
	Weatherbies videos for FS and KS1. Also, KS2 topics – water cycle, energy – what is it? Sources etc P7 have had a visit from Sentinus to develop their understanding of renewable energy		videos have been useful for our younger children to begin to understand some difficult concepts. Good activities to highlight issues and the difference the children can make. It was also good to involve parents to support these activities.	that more work needs to done to improve understanding	use of the Climate Calm resources will build on the work done. Possibly look into purchasing Weatherbie books and support material.	colleagues 27/9/22 Staff encouraged to use Weatherbies resources October 2022 Resources for Energy Saving Week delivered December 2023
Fixed Outcome 5:	Recording sheets for	Teachers and	All teachers sent me back	Yes, At least 143	More	17.1.24
Measure impact-	children and staff to	then all sheets	their overall recording	out of 183	encouragement	
collect data	measure how many	sent to	sheets. P5 helped to collate	children	at a whole	
	changes were made.		the numbers. Collated	participated	school level to	
			results sent to eswni.org		promote	
			and we are awaiting the results.		involvement.	



Fixed Outcome 6:	Share progress on	Results still pending	Yes, results have	29/2/24	l
Inform and involve	website and ClassDojo.	We have received our	been shared on		ı
school community e.g.	We will share results at	certificate and it will be	the school		ı
pupils, staff, parents,	the end of February and	shared on the School	website and will		l
wider community etc.	thank parents for their	website.	be shared via		l
	support.		Dojo on Monday.		ı



Minor Topic	Energy						
Challenge/problem	Cost of energy bills in school	ol have	Finance required				
statement/opportunity	at ways to reduce how much Monitor and reduce energy well as raising awareness of use, by learning about the	gnificantly increased, so we need to look ways to reduce how much we use. onitor and reduce energy in school as ell as raising awareness of hidden energy se, by learning about the amount of hergy used to clean our water.					
Planned Outcomes	Actions that will help achieve the outcome	Who is responsible for completing/ coordinating this?	Progress review: when/who/amendments	Did you meet the planned outcomes? Give examples.	What improvements could be made in future? Give examples.	Final Date for completion	
New Outcome 1: Reduce amount of energy used in school.	Continue to monitor and find ways to reduce energy costs in school	, Eco-Council	Having regularly reviewed our electricity usage previously, we are aware of the energy used. Our DEC in 2022 gave us a D rating so improvements needed to be made. Awareness	Yes. Our DEC rating is now C, which is above expectations for our building. Renewable energy from our	Continue to find ways to reduce energy usage. Eco-Council don't always remember to switch off Active	June 2023	



			amongst the children has been improved. More efficient lighting is replacing older lighting, our photocopier completely shuts down when not in use. Eco-Council responsible for switching off interactive boards at the wall each day. Also, staff are monitoring	solar panels contributes 18.4% of energy usage.	boards, so need to ask staff to help improve this.	
			windows being open when heat is on alongside our air quality monitors			
New Outcome 2: Children understand the processes and amount of energy involved in having clean water in our homes.	Visit from N.I.Water to raise awareness of how much energy is used to provide us with clean water.	Pat from N.I.Water	Pat led informative assemblies with FS & KS1 and then KS2. He then came to P5 to lead a workshop linked to the P5 Water topic.	Yes, the children are much more aware of what is involved to clean our water. It provided a good link to our Energy Saving Week.	More follow up work in all classes	13 th March 2023
Fixed Outcome 4: Effective teaching and learning across key stages	Assemblies across key stages and a P5 workshop around water.		Pat spoke well, involved the children. He led great sessions.	Yes, see above	Follow up work in all classes not just P5.	13 th March 2023
Fixed Outcome 5: Measure impact- collect data	DEC rating	Eco-Council	Electricity considered and ways to reduce it implemented. Staff more considerate when opening	Yes. We moved from a D to a C between 2022 and 2023.	Possibly to complete a before and after knowledge	June 2023



			windows to maintain air	2022 – Annual	survey about	
			quality when heat is on.	energy	water.	
				Electricity – 35.21	Next year	
				Other fuels	resume more	
				110.32	detailed records	
				2023 – Annual	of electricity and	
				Energy	possibly	
				Electricity – 26.63	heating? To	
				Other fuels –	inform school	
				68.48	community and	
					continue to	
					lower costs.	
Fixed Outcome 6:	Use Classdojo and our	All teaching	Pat's visit was added to the	Yes	Adding a	1 st March
Inform and involve	school website to	Staff	school website and		simplified	2024
school community e.g.	promote events		ClassDojo		version of our	
pupils, staff, parents,					resiliency action	
wider community etc.					plan to the	
					website and	
					ClassDojo	