



YUNGA GUERNSEY – Teacher guide

www.fragileguernsey.gg/yungaguernsey



YUNGA GUERNSEY

Teacher Information – Biodiversity Badge

The idea of this badge is to encourage awareness and behavioural change to be kinder to the planet and to encourage care of the natural environment. It is designed to be very practically based, centred on Guernsey and easy to fit into your teaching. It has been approved by the United Nations as part of the Youth United Nations Global Youth Alliance (YUNGA). What you are already doing will count. Our children are the generation that will have to find ways of mitigating climate change and the natural environment is the starting place. To grow up with a love of the natural environment will mean that they will have the knowledge to take the right decisions to be kind to the planet and enable our beautiful islands (Guernsey, Sark, Herm and Alderney) to be there to enjoy for future generations.

Non-formal education

If you are involved as a leader in a non-formal education organisation such as scouting and guiding, then this can be added into your programme and counts for a few other badges as well. The badge has been added onto OSM. If you complete the badge then you can buy it at the scout and guide shop at Rue Maingy open Saturday mornings, 9.30-12.30.



I am a school teacher on Guernsey, teaching both primary and secondary pupils. I have written a special Guernsey curriculum for this badge which has been approved by the UNITED NATIONS. You need to complete 8 activities, two from each section. After 8 activities you will need to reflect on what you have learnt to get your badge and certificate.

Air x2

The air section can include anything to do with creatures who fly. This could be looking at pollinators in the summer, doing a FIT survey, taking part in the great UK bird watch, learning about bats, making things for birds and butterflies.

Land x2

The land section involves anything that is planted or creatures that walk. There is a huge amount that can be done with planting, composting, learning about wild animals and their habitats. This could also include an environment walk. Go on a walk outside and observe, notice and enjoy the environment around you.

Water x2

This section can involve making irrigation bottles for summer watering, lots of activities based around the school pond, cleaning it out, pond dipping. You can even make a tiny little pond from a washing up bowl. If you are within walking distance from a beach then the opportunities open up hugely, rock pooling, seaweed foraging, beach cleans etc.

Environment x2

If it is about the natural environment but doesn't fit neatly into any of the other three categories, then put it in here. If you have an inside session in the classroom learning about animals or the environment, then it will count for this section. A visitor from the various environmental organisations on the island taking a session for the class will also fit here.

The resources section of the webpage will be added to so do keep looking back. If you have any ideas then please email and I will add them on. To sign up please email fragileguernsey@gmail.com Information required is: school, year group, how many children.

In a school setting it would probably be easier for you, as the teacher, to use the grid provided to assign categories for the learning and activities that you are providing in lessons, then just check with fragileguernsey to make sure that it fits the categories. You are then in charge of managing this – i.e. ticking a grid once done. After the reflection at the end, one for each child (please send – pdf or photo no names needed), let fragileguernsey know and you can receive badges and blank certificates that you can add in the child's name. The certificates will be personalised for your school and have your school crest on. It would be great for you to award these in an assembly.

Twitter presence: @fragileguernsey and #yungaguernsey



Ideas for seasonal programmes

You will also have plenty of your own. This is not an exhaustive list. It is a programme that has been delivered in an outdoor setting with primary school children. The rule was that it was outside whatever the weather. Waterproofs and wellies, outdoor coats, gloves, hat and scarf, sunhat are all essentials at various times in the year. Getting wet in the rain was quite fun and the children didn't mind. They didn't often get the opportunity to play in the rain.

At the end of the programmes is a list of useful contact emails and other resources.
(Please note there is only one badge, and it is all green)



Autumn (winter) Term



(Winter) Spring Term

(Spring) Summer Term





Programme 1 – Autumn term (Autumn/Winter) September-December

section	action	comment
Air	Make a bird feeder from a milk carton/dried orange	Worksheet in resource section
Air	Book the Bailiwick bat detector and do a session on bats	Sarah will be able to give you information about the bat survey. It may be possible to organise a bat walk around your school as an evening event – not too late if Nov/Dec.
Water	Made a pond out of a washing up bowl	Worksheet in resources section
Water	Clean out the school pond	Trevor from Société will come and do a pond audit Autumn leaves will need clearing out before they clog up the pond with silt.
Land	Planting trees From November	Trees that come as dormant twigs are not expensive. They do need to be planted between Nov and Feb when they are still dormant. To buy bigger, established trees from garden centres is more expensive. When planting trees you must not forget to water them in a heat wave when summer arrives. Baby trees cannot just be left to fend for themselves.
Land	Made a natural Christmas decoration by foraging outside. Collect pinecones, acorns etc in Autumn.	Don't be tempted to add single use plastic non-recyclable sparkle. Twigs, evergreen leaves, berries, natural twine. Most popular was six twigs tied to make a star in two triangles. You will need to prepare beforehand to make sure twigs are roughly correct size. You can buy bags of pinecones off Baker Ross. We cut up cardboard from boxes to turn them into angels and robins with a bit of paint.
Land	Collected leaves for leaf mulch	We collected loads of leaves for the whole session. With the compost bin against railings, the children were

		able to hold onto the railings and squish the leaves by jumping on them. May not be appropriate to do this depending upon age and setting, but encourage the children to play with the leaves, kick them, throw them in the air, roll in them- just enjoy them. You may need to check it out first for hedgehogs and dog poo. With older juniors you could have a competition for identifying the different leaves. You may need to placate the groundsman with a can a beer though if they make too much mess...although borrow a rake and they can clear up the mess after!
Land	Autumn Colour pictures	As well as collecting leaves, we did leaf rubbings with crayon and made pictures that lasted a lot longer
Land	Green man/woman pictures	Arrange the leaf rubbings into a green face. See green face for picture ideas. If you make the face by rubbing leaves and then sticking on a piece of wood with a stake, varnish it and make it into a placard to stick into the ground then it can be the starting point for any nature trail.
Environment	After learning about single use plastic, we made some wooden animal coins for accidental zoo to give out as prizes for doing the trail.	We needed the help of someone with a machine to turn branches into wooden coins. We used sharpies to then draw insects on. See wooden coin worksheet for ideas.
Environment	Foraged apples and pears elderberries and plums and brambles to cook on a Trangia, added some maple syrup and squirty cream. Children peeled the fruit. Adults cut it up.	If you don't have any fruit trees in your school, ask to plant some for future years. How wonderful for youngsters to be encouraged to pick apples off a tree and eat them.

Significant Dates this term. Dates are the same each year

International Beach Clean day: 17th September
Great British Beach Clean week 17-25 September
National Tree Week Nov 25th-Dec 4th
World Soil Day 5th December



Programme 2 Spring term (Winter/Spring) January - March

Air	Make bird boxes	See resources
Air	Make bug hotels	See resources
Water	Do a beach clean	The Clean Earth trust organise one every Saturday or you can organise your own
Water	Prepare some information signs for your pond	
Water	Visit one of the wetland nature reserves	Speak to Becky from societe about what school activities are available. Also see website.
Land	Collect wood and used a metal container/ fire pit to make a fire in. Sit on wooden logs and sing campfire songs and have a melted marshmallow	
Land	Planting a pollinator patch/ Plant summer flowers/ Find some ground/a planter and make a mini allotment patch.	Contact The pollinator project, Guernsey for a visitor to help See websites for making an allotment. Planting time is at the end of this term/beginning of next term. You can start off plants inside in March and keep them on your windowsill in the classroom until the danger of frost has gone. You may need to share the plants out amongst the class to take home for watering over the Easter holiday. You can plants seeds and for more instant impact, plugs.
Land	Make Bee bombs to plant in your pollinator patch	See resources for details
Land	Plant trees Up to February	Trees that come as dormant twigs are not expensive. They do need to be planted between Nov and Feb when they are still dormant. To

		buy bigger, established trees from garden centres is more expensive. When planting trees you must not forget to water them in a heat wave when summer arrives. Baby trees cannot just be left to fend for themselves.
Land	Make a sensory trail	Make your own version of the sensory bingo in resources – this can work in any season
Environment	Make a Beatrix Potter all season trail	Photos coming soon
Environment	Prepare a summer doors trail	Photos coming soon

Significant Dates this term. Dates are the same each year

World Wetlands day: 5 February

We have wetland sites on Guernsey – they are RAMSAR sites.

<https://www.gov.gg/nature>



Programme 3 Summer Term (Spring/Summer)

Air	Learn about migratory birds.	You could ask someone from the ornithology section of Société to come into school and do a bird walk, identifying what birds you can hear. See resources for common bird identification.
Air	Book the Bailiwick bat detector and do a session on bats	Speak to Becky from societe about what is available. Also see website
Air	Make a bird hear	Using the website at the end of the document, listen to the sound of common birds. Make a QR code of the wav file and put it up inside the bird hide with a picture of the bird or attach to trees in the local area.
Air	Make cloud stories and watch birds	Lie down on the grass and make up stories with clouds and watch birds fly past
Air	Make a bird see	Buy a small garden shed and remove the window and put a removable cover on. Fill the inside with pictures and information about birds you may see.
Air	Go on a pollinator hunt	Bee and butterfly identification sheets in resources
Water	Design Pond dipping	Do a session of pond dipping with older primary children and get them to design a simple key to help young primary children identify what they are seeing. See resources
Water	Add pond plants and solar powered oxygenator to pond	The pond is not just a one off session. It may need a bit of attention after winter. Bishes Fishes at Oatlands sell some pond plants.
Land	Planting a pollinator patch	Contact The pollinator project for a visitor to help
Land	Go round a local churchyard for a minibeast hunt – or the school grounds	St John’s churchyard, St Peter Port is particularly good. Becky, the education officer from Société will be pleased to assess your wildlife area and advise on a specific identification sheet.

land	Press flower petals	You don't need a proper press – putting inside or heavy books on top will work fine
Land	Paint stones like animals	A lockdown Guernsey tradition but don't take the pebbles off the beach. You could use stones on the beach to make animal shapes
Environment	Learnt about the cetaceans around Guernsey	Identification sheets available from resources. The dolfin project sometimes holds shore base dolphin watching. Children can look out for dolphins when they go on the ferries. Children can also be a Dolphin defender and get a certificate and metal badge.
Environment	Watch the webcam from Alderney Wildlife trust. They have a live puffin cam and a live gannet cam.	Available from Alderney Wildlife trust
Environment	Look out for talks from Societe, Pollinator project, Guernsey Literary festival, Clean Earth Trust	Web address for these societies at the end of the document. The events calendar is also a useful place to look www.fragileguernsey/yungaguernsey
	Wildlife trusts 30 days wild contains a lot of different outdoor activities	See resources

Significant Dates this term - Dates are the same each year

Earth Day: 22 April

International Dawn Chorus Day 7 May

World Bee Day 20 May

World Biodiversity Day: 22 May

World Environment Day 5 June

World Oceans Week 1-8 June

World Oceans Day: 8 June

National Pollinator Week- 3rd week in June (19-25 June 2023)



Useful Guernsey contacts

Pond audit	Trevor: entomology@societe.org.gg
Bat Survey/walks	Sarah Allez: eca@societe.org.gg
Bird Walks	
FIT surveys	
Clean Earth Trust	Helen.quinn@cleanearthtrust.org
Pine cones	Baker Ross https://www.bakerross.co.uk/natural-pine-cones
States Biodiversity Officer	Julia Henney: julia.henney@gov.gg
Education coordinator Lead (is happy to come into schools and lead sessions)	Becky Ogier: ecl@societe.org.gg

Websites:

Book the bat detector	https://bats.org.gg
La Société Guernesiasie/ events calendar	https://societe.org.gg/wp/ https://societe.org.gg/wp/events/
Clean Earth Trust webpage	https://www.cleanearthtrust.org
Puffin cam and Gannet cam on Alderney	http://www.teachingthroughnature.co.uk/webcams/
Teaching resources from Alderney wildlife trust	http://www.teachingthroughnature.co.uk/webcams/
St John's Churchyard bug hunt	https://fragileguernsey.gg/guernsey/wildlife-oasis-in-st-johns-church-grave-yard/
Wav files of bird songs	https://www.rspb.org.uk/birds-and-wildlife/bird-songs/what-bird-is-that/
The dolphin project	Video introduction https://www.youtube.com/watch?v=BSFyR3ndeT0@dolphinid
Dolphin defenders award for children over 8	https://uk.whales.org/whales-dolphins/educational-resources/dolphin-defenders/
Porpoise protectors award for under 8's	https://uk.whales.org/whales-dolphins/educational-resources/porpoise-protectors/
Nature reserves in Guernsey	https://societe.org.gg/wp/nature-reserves/

A list of useful organisations: www.fragileguernsey.gg/organisations

Also see: <https://societe.org.gg/wp/associated-groups/>

For buying plugs (tiny versions of garden ready plants that are already growing) the biggest two suppliers are:

<https://www.thompson-morgan.com>

<http://www.jparkers.co.uk>

However, there are many more and you can compare prices. Check to see if your local garden centre will supply plugs to save on postage and support local. The supply is seasonal so you can't get them all year round.

Check out the resources section:

Let's Go Wild – Cub environment badge with loads of ideas for outdoor environmental education and identification sheets for primary age. Pdf in resources

Buy trees: you could ask the local garden centres to get some in for you. You can also order online. There are a few companies who do this- one example is:

<http://www.treesplease.co.uk>

Trees cost between £2.30-2.80 each. You don't buy them individually but in bundles of 10-25. They arrive looking like a twig with a root and you need to plant them within a week or so. They do not arrive until the earliest in November. However it is a good idea to buy earlier than this as the trees are sometimes planted to order.