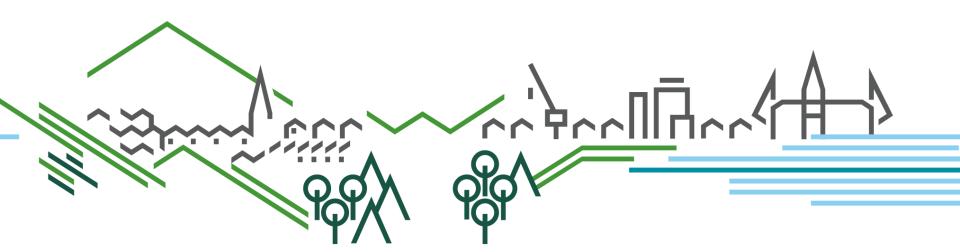


Orchards – Train the Trainer

Live webinar starting soon.....

(To open the chat box click on the icon near the bottom left of the screen)



Housekeeping





- Make sure your sound is on mute
- Questions in the chat box please (bottom left of screen)

 we will stop twice to answer questions please bear with us
- This webinar is being recorded and will be made available
- A copy of the slides will be emailed to you

Natural Resources Wales

How we work

We are taking a joined-up approach to managing our natural resources in order to build a healthy and resilient environment that can support economic and social prosperity for generations to come.



Cyfoeth Naturiol

Cymru Natural Resources

Wales

Importance of a connection to nature: Biophilia



bio-phil-ia (bahy-oh-fil-ee-uh) noun

an innate and genetically determined love for the natural world felt universally by humankind.

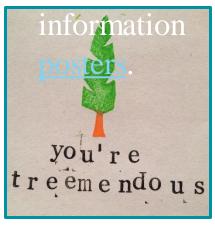


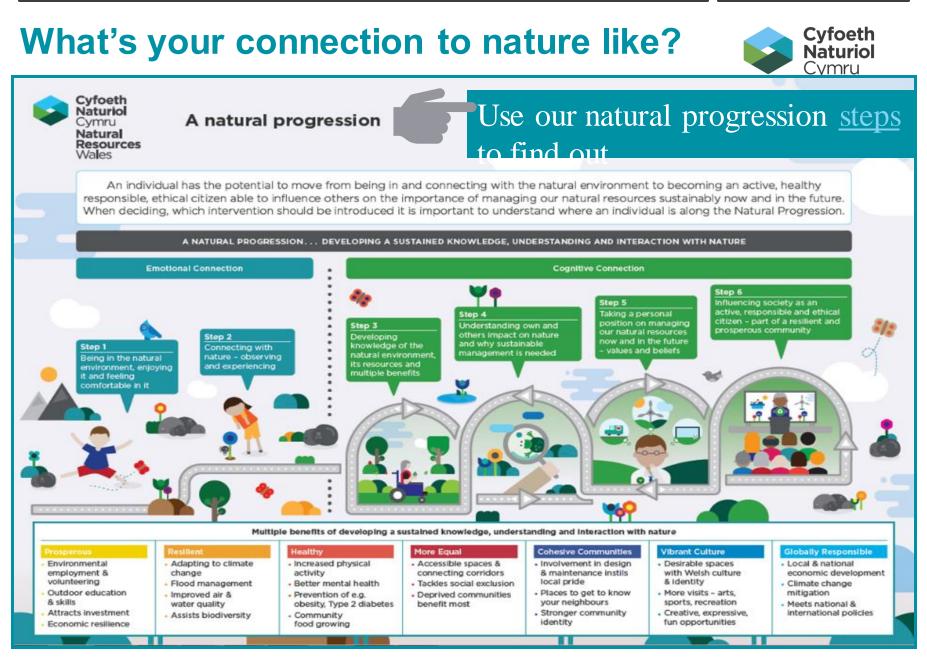
What are the benefits of outdoor learning? Check out













Fostering a *Connection to Nature* provides multiple life long benefits

Steps 1 & 2



What you can do...support, influence and advise and do!

- Support families to use and access natural spaces
- Influence the development of access to the outdoors close to where people live, work & learn.
- Advise partners on the benefits





Fostering a Connection to Nature provides multiple life long benefits

Steps 3 & 4



Children are 2.7 times more active during a **Forest School** session than in an average school day which includes Physical and Mental Wellbeing benefits – Healthy and Confident individuals Positive Behaviour Change

What you can do...influence, advise and provide

- **Provide direct learning opportunities** •
- **Provide outdoor learning projects** •
- Influence and advise Eco Schools •

Skills and Knowledge for Employment

- Influence and advise Healthy Schools •
- Provide outdoor training and skills for • providers



Fostering a *Connection to Nature* provides multiple lifelong benefits

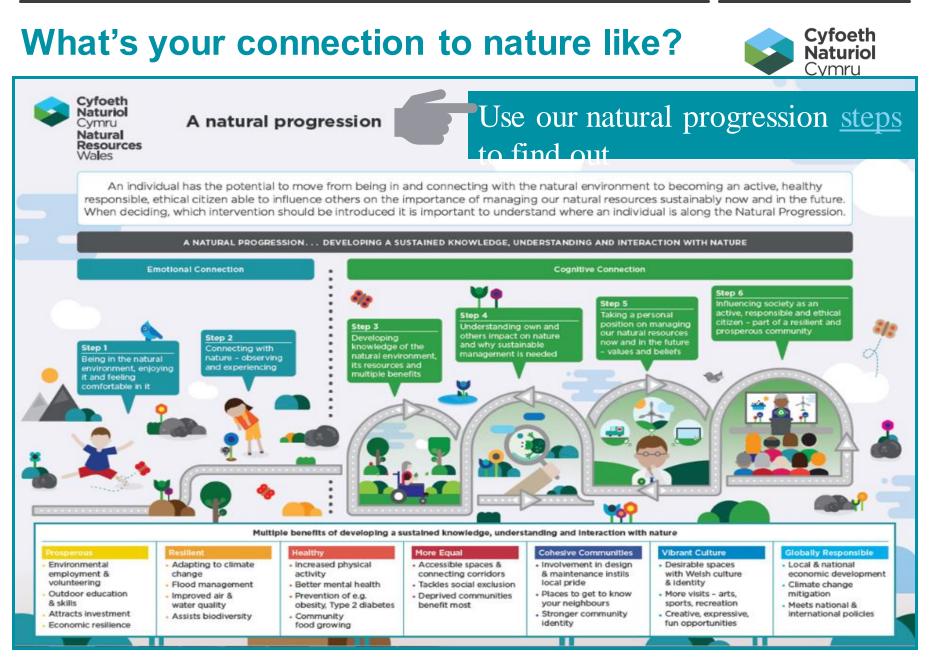
Steps 5 & 6



What you can do...provide, influence and advise.

- Provide or signpost to volunteering, placement opportunities in the outdoors
- Influence the preservation and addition of green infrastructure
- Advise partners on the multiple benefits
- Influence education and training establishments

Physical and Mental Wellbeing benefits – Healthy and Confident individuals
Positive Behaviour Change
Skills and Knowledge for Employment

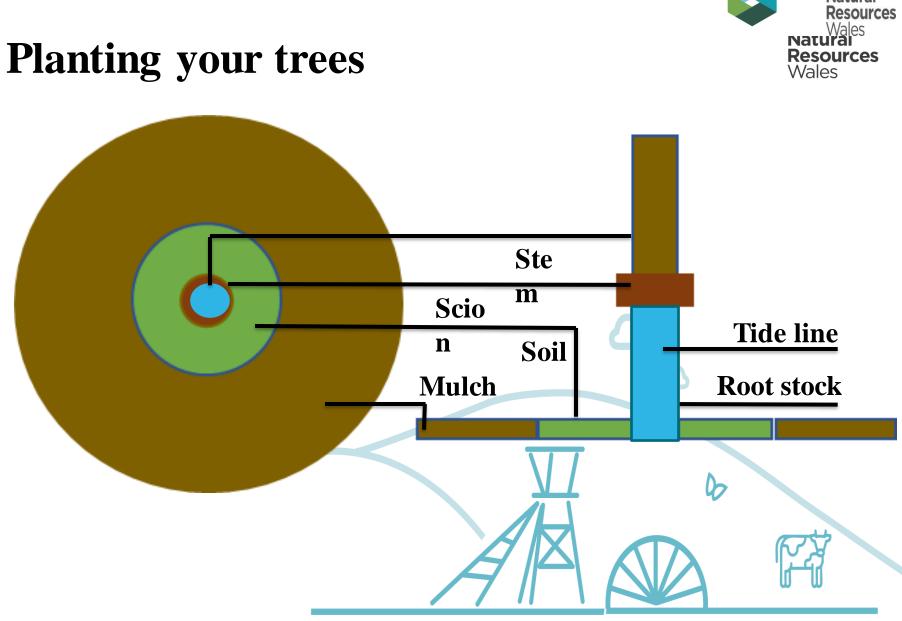




Planning your Orchard



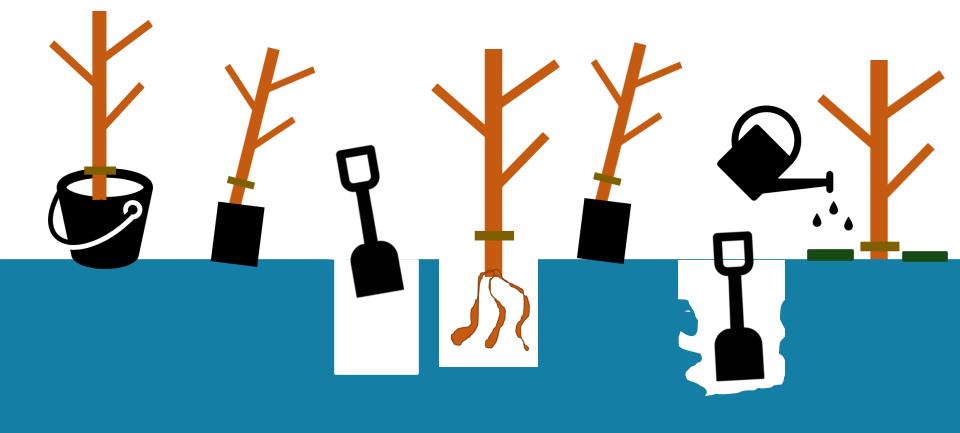






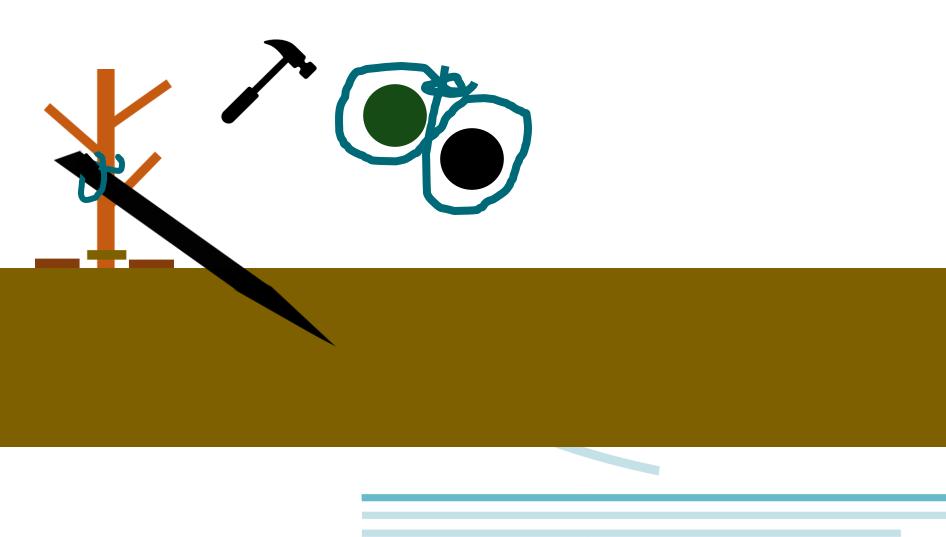
Planting your orchard

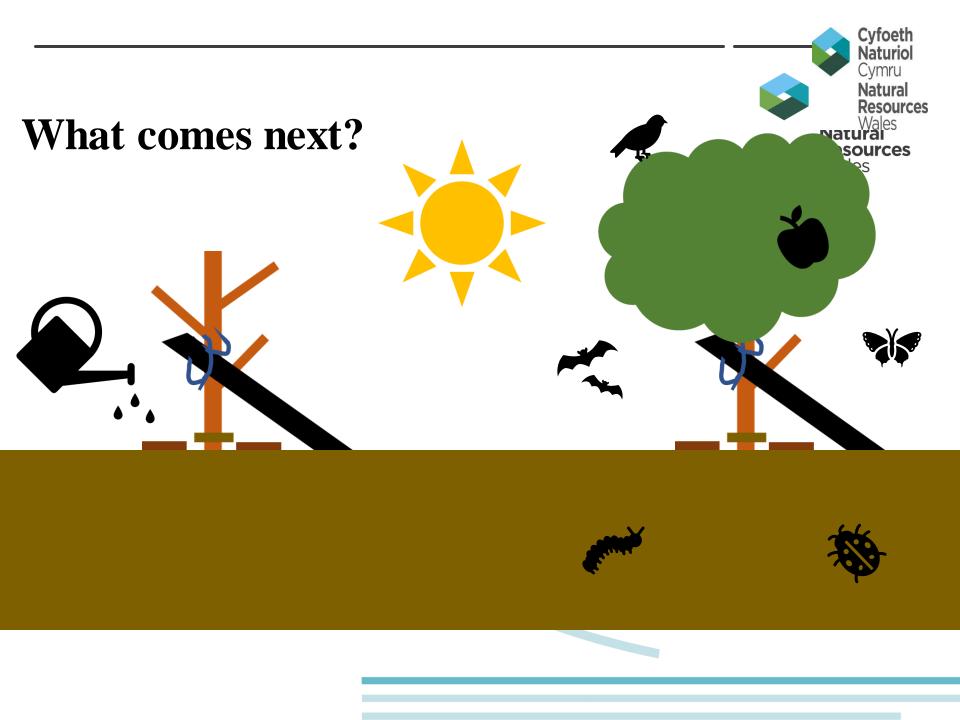






Planting your trees

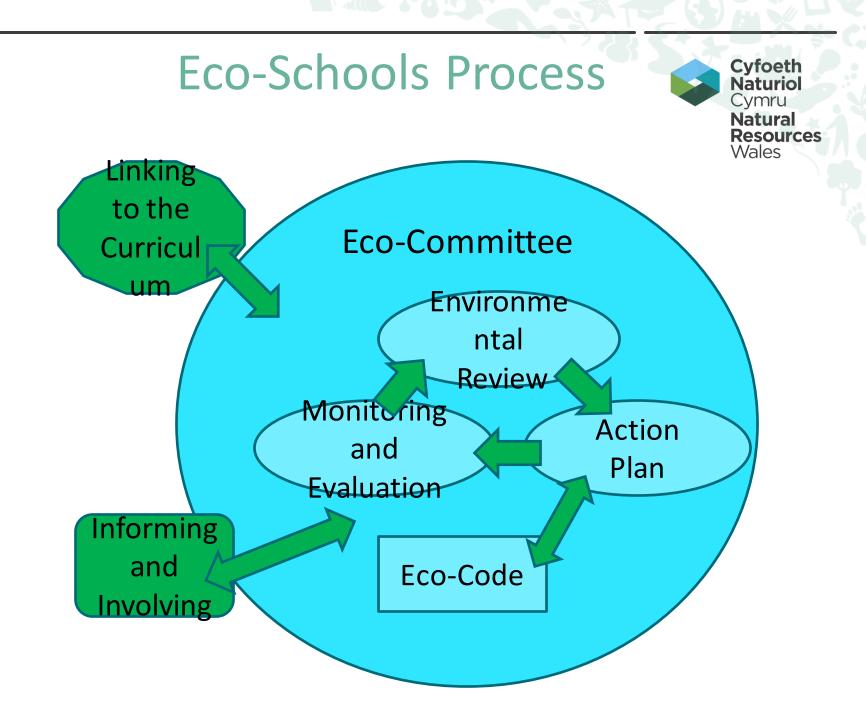




Orchards and Eco-Schools – Making Connections



cadwch **keep** gymru'n <mark>wales</mark> daclus **tidy**



Eco-Committee





Environmental Review



- Litter
- Waste
- Energy
- Water
- Health, Well being and Food
- Transport
- Global citizenship
- School Grounds
- Biodiversity



Health, Wellbeing and Food

In your school

Do you have fruit every day at break time?	Yes	No
Do children who have packed lunch bring 2 pieces of fruit or vegetables?	Yes	No
Can you have salad with your school dinner?	Yes	No
Can you have water to drink when you are in the classroom?	Yes	No
Do children grow any fruit or vegetables in the school and then cook and eat them?	Yes	No
Do you do some running, jumping or dancing with your teacher or class every day?	Yes	No
Do children have the opportunity to look after and care for animals in their school?	Yes	No
If you are feeling sad is there always somebody to talk to?	Yes	No



In your community

Do children visit local shops, allotments learn about our food and where it come		Yes	No
Are children involved in projects in the	local community	Yes	No
like visiting nursing homes?	ŶŶŶŶĬĬĬĬĸĸĬ	8	(

In our World

When your kitchen staff cook fish, does the packet have this symbol?	Yes	No
Are the fruits in your tuck shop grown locally and in sea- son?	Yes	No
If you have ice cream with school dinners does it include the ingredient palm oil?	No	Yes

If you have any sad face answers, what could you do to make them <u>happy faces?</u>



Cyfoeth

Action Plan

Actions come from:

Review

Previous action plans

Input from members of school community

SMART targets

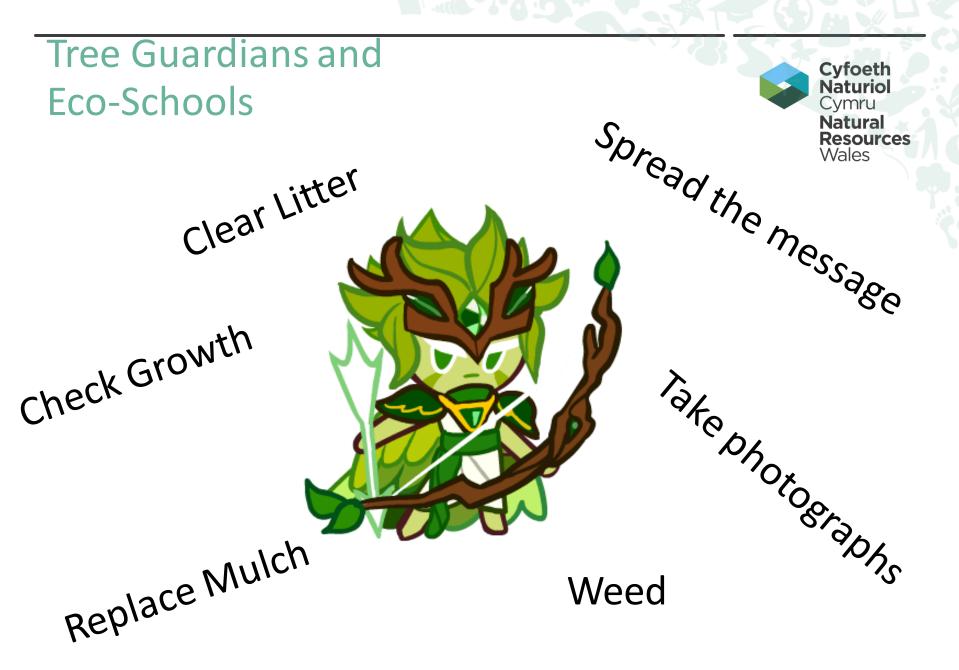
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So how do we get there?



Target	Action	Who's Responsible	Cost	Timescale	How will we measure progress? (Monitoring)	What difference have we made? (Evaluation)

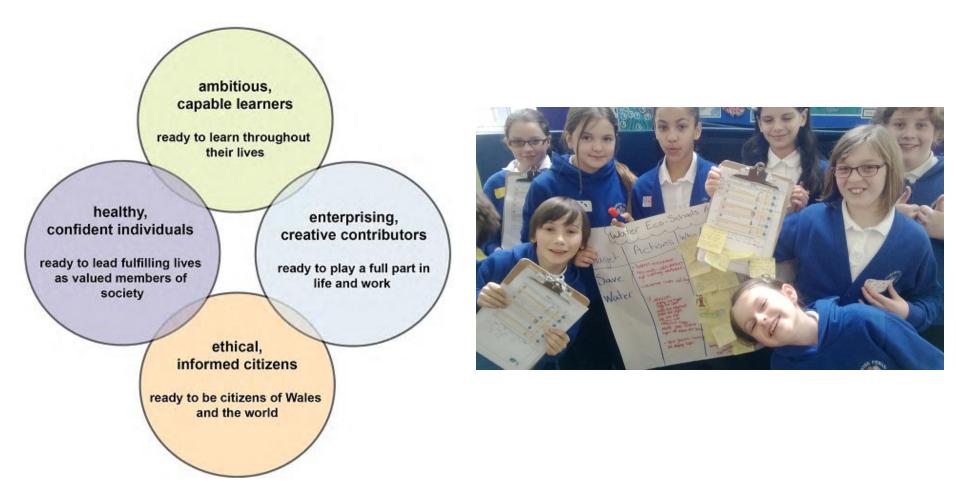


Tree Guardians and Eco-Schools Example Action Plan



Target	Action	Who	Cost	Timescale	How will we
					measure progress?
To Combat Climate Change – Tree Management	Measure tree growth – height + girth – once per year	Y5 class (Primary)	None	October	Create a school ground tree scrap book – Take a picture and record growth each
	Check health of	Eco-Committee (Secondary)			year/highlight trees that do not survive (replace).
	trees – monthly Remove weeds in tree guards/mulch area – fortnightly	Site Manager Gardening Club (If school has one)		Monthly April - Oct	Yearly wildlife surveys highlighting the full array of creatures that make their home in the new woodland – add to scrap book.

A pupil driven approach to learning cyfoeth taking environmental action







Climate impact of food

Try and rank the food and drink below in order of least to most CO2e impact on our planet. CO2e means the amount of Carbon Dioxide or equivalent gas that is released while producing the food or drink. This includes growing, processing, transporting and packaging.

All figures were taken from the book *How Bad are Bananas* by *Mike Berners-Lee*

	Cappuccino	1	Ŕ
	500 ml o <u>ddŵr</u> tap 500 ml of tap water		•
	Afal (O Dramor/Wedi'i fewnfaria) Apple (Overseas/Imported)		
	500 ml dŵr potel (wedi ei aynhyrchu yn lleol) 500 ml bottle of water (locally sourced)		
So	Mefus - bocs bach (criùd tymhorol o'r DU) Strawberries - punnet (grown in season UK)		
<u></u>	Caws <u>caled</u> —250g (DU) Hard cheese—250g (UK)		
	Peint o Laeth (DU) Pint of Milk (UK)		

S	Mefus - bocs bach (cnŵd tŷ gwydr o'r DU) Strawberries - punnet (grown in hothouse UK)	
	Banana	
	<u>Torth</u> o <u>Fara</u> —800g Loaf of bread—800g	
~	Bocs o 6 wy (DU) Box of 6 eggs (UK)	
	Afal (Wedi'i gasalu o goeden ardd) Apple (Picked from garden tree)	
	Byrgyr Caws (cig eidion) Cheese burger (steak)	
	Coffi Du (berwi y <u>dŵr sydd ei angen yn unig</u>) Black coffee (boiling only water needed)	

<u>Atebion - Answers</u>				
	Afal (Wedi'i gasalu o goeden ardd) Apple (Picked from garden tree)	0 g C02 e		
	500 ml o <u>ddŵr</u> tap 500 ml of tap water	0.07 g C02 e		
	Coffi Du (berwi y <u>dŵr sydd ei anaen yn unia</u>) Black coffee (boiling only water needed)	21 g C02 e		
a	Afal (O Dramor/Wedi'i fewnfario) Apple (Overseas/Imported)	80 g C02 e		
	Banana	80 g C02 e		
	500 ml dŵr potel (wedi ei aynhyrchu yn lleal) 500 ml bottle of water (locally sourced)	110 g C02 e		
S	Mefus - bocs bach (cnŵd tymhorol o'r DU) Strawberries - punnet (grown in season UK)	150 g C02 e		
	Cappuccino	235 g C02 e		
	Peint o Laeth (DU) Pint of Milk (UK)	723 g C02 e		

Se	Mefus - bocs bach (cnŵd tŷ gwydr o'r DU) Strawberries - punnet (grown in hothouse UK)	1000 g C02 e
	<u>Torth</u> o <u>Fara</u> —800g Loaf of bread—800g	1000 g C02 e
0	Bocs o 6 wy (DU) Box of 6 eggs (UK)	1800 g C02 e
	Byrgyr Caws (cig <u>eidion</u>) Cheese burger (steak)	2500 g C02 e
<i>•</i>	Caws caled—250g (DU) Hard cheese—250g (UK)	3000 g C02 e



33-35 He ol yr Eglwys Gadeiriol, Caerdydd, CF11 9HB | 33-35 Cathedral Rd, Cardiff, CF11 9HB

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How we can we support you?

National Campaigns

- Acorn Antics
- Wales Outdoor Learning Week: April 19-25th 2021





















Next time... Spring 2021





Questions?



Cyfoeth Naturiol Cymru Natural Resources Wales

Thank you for listening!





Contact us:

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Website:

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