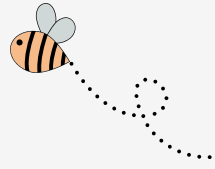


BioBeo Buzz

Bealtaine 2024



Welcome to a very special edition of BioBeo Buzz. We are absolutely buzzing to release this issue on May 20th - World Bee Day! This day is all about celebrating the importance of bees and other pollinators, the role they play in food production and keeping ecosystems healthy. Read on for lots of fun activities, jokes and actions WE can take to help protect these fuzzy little magicians!

Let's Plant Lavender for Bees!

This May, we're going to plant lavender to help our buzzy friends, the bees!



You will need:

- Small pots or containers - try making a used newspaper pot that you can transfer straight into the ground later!
- Potting soil (make sure it is "peat free" if buying!)
- Lavender seeds or small lavender plants
- Watering can

Steps:

1. Fill the pots with soil.
2. Put the lavender seeds or plants in the soil.
3. Water them gently.
4. Put them in a sunny spot.
5. Keep the soil moist, not too wet.
6. Wait and watch them grow!
7. Bees will love the flowers!
8. Enjoy the beautiful lavender and happy bees!

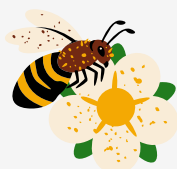


Dictionary Corner

To start learning about the Bioeconomy we need to understand the words used to describe it! In each issue we will learn a new term and challenge you to learn one yourselves! Last month we asked you what "sustainable" meant. I bet you came up with lots of great answers! Here is our definition:

"Acting sustainably means acting in a way that does not harm the environment and does not use up all of its natural resources. Being sustainable in our actions and in our use of resources means that there will be enough of these essential resources for people living in the future".

Now it's your turn! To mark #WorldBeeDay - Can you find out the meaning of the word pollination? Check back next month for our description!



Joke Hive

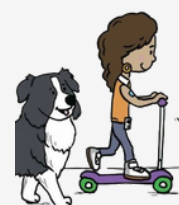
Why did the bee go into business?
Answer. Because it wanted to make some "buzz" in the Bioeconomy!



How do bees communicate the success of their honey production to the queen bee?
Answer. They give her a "hive-five"!



3. Why did the bee get a promotion in the Bioeconomy?
Answer. Because it was the "bees-knees" at generating buzz and maximising honey yields!





The BioBeo Song!



A highlight or rather, 'high-note' in the creation and very successful launch of the BioBeo Primary School Education Programme is the BioBeo song. The BioBeo song is proving an instant hit with school children in the first 5 BioBeo schools across Ireland and is catching on rapidly in schools across the European Union!



Co-written and composed by the BioBeo team in Maynooth University, Ireland, it's an upbeat, modern folk song which marries the five themes for the circular Bioeconomy with a catchy beat.

With rockstars from nature like the natterjack toad and a flying dragonfly, children from east to west in Ireland, and now from Belgium to Spain are singing, humming and strumming along, celebrating in song and... 'Following nature's way for a Bioeconomy!'

Enjoy reading the lyrics and learn about BioBeo's five educational themes in each verse, for the sustainable and circular bioeconomy. The song is written in Ireland's native tongue, Gaeilge and also in English. If you're new to the Irish language here's a 'cúpla focal' for you to learn too!

Tagaigí linn go dtí an Coillín beag!
-Come on with us to the little forest!

Anáil isteach an Ocsaigin
-Breathe in the oxygen

Na crainn, na crainn 'is iad ag cabhrú linn
-The trees, the trees, they're helping us!

BioBeo Song- Check out the Lyrics

BioBeo, ó BioBeo, BioBeo, yeah BioBeo!
Following nature's way, following nature's way
For a bioeconomy

Learning to see those interconnections,
All of nature is interconnected,
And that's how we roll,
With BioBeo, yeah BioBeo

Tagaigí linn go dtí an coillín beag,
Ó tagaigí linn go dtí an coillín beag!
Anáil isteach an ocsaigin
Ó na crainn, na crainn, is iad ag cabhrú linn
Ag cabhrú linn!

BioBeo, ó BioBeo...



... Sa choillín beag, we plant an edible garden
We'll sow the seeds and watch them grow
Food for the bees and for you and me
The food loop is circularity
Interconnectedness for all to see
We celebrate nature now,
Ó, with BioBeo



BioBeo, Ó Biobeo,
A magical world, it's life below water
Full of living things, life below water
Our little pond, who's making a home there now?
A natterjack toad, and the dragonfly! O Fly
dragonfly!
BioBeo, yeah BioBeo

We're following nature's way, it's the bioeconomy
With BioBeo,
Learning to see those interconnections,
We're all in nature interconnected,
Circularity is how we roll, we're with BioBeo!

Get stuck into some blooming great activities with our puzzles, comics and crafts...



Solve the **BioBeo** Wordsearch live from the hive!

We hope you enjoy this wordsearch and find all the keywords you can from the BioBeo Song. To celebrate World Bee Day see if you can find some words for our bee-autiful and heroic pollinator friends!

Rock and Buzz with the BioBeo Song and World Bee Day on May 20th!

A I S C V N N A C R A I N N L N H M Z C
 L H N Z X E A C F T A P O S L M O U P T
 G I I T B G G R X W A H Z O H S Q G E L
 S S M F E E A P J M N F I Q O S Q U K F
 J Z L B P R G F S R N U O V N M Q B R R
 L F K A L I C S O A M M D B E V V I P L |
 R D T F C T H O T R E V P N Y S S O O X
 J F E A P I D K N T S O G H C Y D E F O
 X H C N T O R E A N N Q N Y O B W C Z L
 M N U C B U L C R A E R W Y M J A O P P
 Q X P O H U F L U D J C Z Z B Y T N W N
 D O O I Y T M C E L R Z T U R Q E O B I
 B C D L C I C B J N A A O E K J R M H B
 M S E L S O U W L H N R G R D U Q Y I J
 X A T Í Q O T R N E D A I O W N A G V Q
 E I T N T S B S E L B A T T N B E M G R
 F G O B L P C Z C O P E J U Y F L S S O
 Y I A E U G R E T B L M E E R G L Y S N
 Y N D A U B P R A U C B W C J E T Y K A
 U E Z G H R H F R M J G Q G N Y P M Y T

An Leabharlann Bheag

We will share a buzzing brilliant book/comic in each edition of BioBeo Buzz.

Beeeeeebrilliant! Check out this fun comic "Back to the Future with Beo and Raja: A Tale from the Early Bioeconomy" to learn all about nature and a circular bioeconomy. Ná déan dearmad ar an leagan Gaeilge den ghreannán 😊

Interconnectedness	Circularity	Toad	Bioeconomy
Dragonfly	An Coillín Beag	Bumblebee	
Honeycomb	Ocsaigin	Water	Na Crainn
	Nature	Nectar	Pollen
			Hive



Back to the Future with Beo and Raja

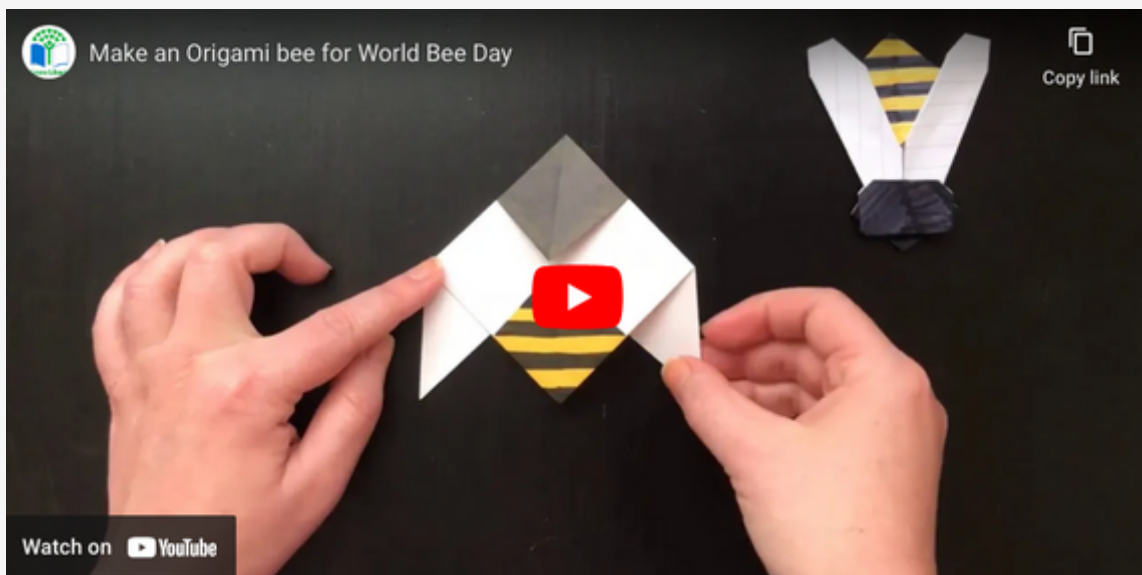
A Tale from the Early Bioeconomy



A time travel adventure set in UCD Centre for Experimental Archaeology and Material Culture

Illustration by Nathan T. Wright
 Story by Laoise Ní Chéirigh, Máire Nic an Ghaird, Anita Radini, Brendan O'Neill, Aidan O'Sullivan and Thomas P. Curran

Follow along with the video and Make an **Origami Bee**!





Beeeee a Pollinator Hero!



Want to do more to help pollinators in your community? You can get tons of ideas and resources from the All Ireland Pollinator Plan including guides for making your school/garden/farm pollinator friendly plus signs and templates you can use. Here are some of their top actions to help:

- Get your local school involved in the Pitches for Pollinators campaign! While the school is closed in summer let the grass grow for the bees!
- Avoid using pesticides. These are very harmful to bees.
- Create nesting habitats for bees like bare soil or by drilling holes into logs.
- The number one way they recommend to help is "Don't Mow Let it Grow!"



Don't Mow Let it Grow!

Let's give our lawns and grassy patches a break, so bees have a treat to take!

Dandelions, yellow and bright, are the snacks for bees and a lovely sight!

Leaving them grow tall and free, helps bees buzz with glee!

Skipping mowing helps bees thrive, keeping our gardens buzzing alive!

So, let's cheer for dandelions!



UCD Festival- Saturday, June 8th

The UCD Festival is an inspirational and fun-filled showcase of the education, innovation, creativity and research that takes place within UCD through performances, engaging talks, hands-on science, interactive exhibits and play. This fun filled festival is a great way to learn more about BioBeo and get your hands on a comic!

We're all in nature interconnected, circularity is how we roll, we're with BioBeo EU Bioeconomy Education Project – meet us at UCD Festival on Saturday June 8th 2024 – explore comics, kids' artistic colouring activity, board games, and VR/AR.

The most sustainably dressed visitor to the stand will win a free BioBeo lesson at a nominated primary school, subject to terms and conditions. We hope to see you there!



Thanks for reading! You can subscribe or unsubscribe from the newsletter here and make sure you check out the BioBeo website by scanning the QR code! Buzz you next month!!