

# March - Ecology

## High Tech - Step-By-Step Activity



**Calendar for  
Climate  
Change**

Quid-Pro-Guo - Inter-generational  
Education to Ease Global Warmi



# Step-by-Step Guide

<b>Climate Change Topic</b>	Ecology		
<b>High-tech or Low-tech?</b>	High-Tech		
<b>Duration of Activity (in minutes)</b>	20 minutes repeated every month from March - October	<b>Learning Outcome</b>	<ul style="list-style-type: none"> <li>✓ Understand how to track local wildlife</li> <li>✓ Understand how to use electronic resources to track and record ecology</li> </ul>
<b>Materials Required for Activity</b>	<ul style="list-style-type: none"> <li>● Quadrat (50x50cm)</li> <li>● A phone with the FIT Count app downloaded</li> <li>● Any location with flowers that attract pollinating insects</li> </ul>		
<b>Step-by-step instructions</b>	<p><b>Help your local environment by tracking the pollinator population in your garden!</b> <i>(Remember: pollinators are not just bees! Birds, butterflies and moths are pollinators too!)</i></p> <p>In this activity, we will be learning how to perform a FIT Count which helps you to track the different types of pollinating insects in your area.</p> <p>Follow these steps to get started:</p> <ol style="list-style-type: none"> <li>1. Step 1 - Do some online research into the types of pollinators and plants that could be found in your garden.             <ol style="list-style-type: none"> <li>a. Apps such as <a href="#">LeafSnap</a>, <a href="#">Gardenize</a> and <a href="#">Planta</a> can help you to track your plants and gardening activities.</li> <li>b. Apps such as <a href="#">Picture Bird</a> allow you to identify the birds in your garden and also provide tips for caring for your native bird populations.</li> <li>c. Electronic resources like the AIPP's <a href="#">Irish Bumblebees identifier</a> can help you to identify the bees that exist in your garden and outlines ways to care for them.</li> </ol> </li> <li>2. Step 2 - Download the FIT Count App:             <ol style="list-style-type: none"> <li>a. Guidelines have been published by the National Biodiversity Data Centre on how to use the app to perform a FIT Count: <a href="https://pollinators.ie/wp-content/uploads/2019/05/FIT-Count-detailed-guidance_Ireland.pdf">https://pollinators.ie/wp-content/uploads/2019/05/FIT-Count-detailed-guidance_Ireland.pdf</a></li> </ol> </li> <li>3. Step 3 – Next, you need to ,make a quadrat measuring 50x50cm</li> </ol>		




- a. A tutorial on how to make your own quadrant can be found at this link: <https://www.youtube.com/watch?v=wWd3Oo7Mi4E>
- b. Try and use upcycled materials when making your own to cut down on costs and environmental impacts!
4. Step 4 - Locate a patch of suitable flowers in your garden/local area
  - a. Check the guidelines for a list of appropriate pollinator-friendly flowers!
5. Step 5 - Perform a FIT Count using the app to track and time the activity.
6. Step 6 - Log your findings with the National Biodiversity Data Centre.
  - a. You can do this by clicking 'Submit' when the timer runs out when using the app!
7. Step 7 - Repeat your FIT Count once a month from March until October!



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# Calendar for Climate Change

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