

### Educational Resources:

The following resources are used as part of An Choill Bheag workshops and educational programme. Some are essential teaching and learning tools, allowing the students to become familiar with identifying plants and habitats, investigating, exploring and experiencing nature up close. Others can be made with a bit of up-cycling. Only purchase resources when you know they will be used regularly to make the investment worth it! ***As websites and technologies can change, please send us an email and we can send you an updated list of relevant ones.***

You will find a lot of up to date information on FB and Youtube.

### 1 Hand-lens suited to students:

**Double lens:** [https://www.ukge.com/en-ie/Loupes-and-Lenses/SilverGeo@-DubMag-510-Hand-Loupe,-Field-Loupe\\_\\_p-43-121.aspx](https://www.ukge.com/en-ie/Loupes-and-Lenses/SilverGeo@-DubMag-510-Hand-Loupe,-Field-Loupe__p-43-121.aspx)

**Triple Lens:** [https://www.ukge.com/en-ie/Loupes-and-Lenses/SilverGeo@-TriMag-4812-Hand-Loupe,-Field-Loupe\\_\\_p-43-1445.aspx](https://www.ukge.com/en-ie/Loupes-and-Lenses/SilverGeo@-TriMag-4812-Hand-Loupe,-Field-Loupe__p-43-1445.aspx)

**Clip on magnifying glass to attach to phone to take macro photos (from the Science Gallery Shop):**

<https://shop.designist.ie/products/phone-lens-kit> (The photos can be put on the white board in class and the whole class can participate in identifying with the help of the net/books/charts)

**Magnifying Glasses:** Local hardware shops often sell them – try them first if you can!

<https://www.homestoreandmore.ie/gadgets/magnifying-glass/045324.html>

<https://www.bakerross.ie/mini-magnifying-glasses->

### 2 Tree, plant, insect identification charts, keys - (Fold out charts to identify insects/birds/plants):

**National Biodiversity Data Centre:** <http://www.biodiversityireland.ie/shop/>

**Tree Council of Ireland:** <https://treecouncil.ie/shop-2/>

**Bird Food (Ireland):** <https://www.birdfood.ie/books/identification-charts.html>

**Field Studies Council (FSC UK):**

<https://www.field-studies-council.org/publications/fold-out-charts.aspx>

**Wildflowers of Ireland (and trees!):**

<http://www.wildflowersofireland.net>

<http://www.irishwildflowers.ie/more/trees.html>

## Books, Worksheets and Resources:

**Ireland's Trees:** <https://www.collinspress.ie/niall-mac-coitir.html>

**Tree Council Of Ireland:** <https://treecouncil.ie/shop-2/>

**Wildflowers of Ireland by Zoe Devlin:** <https://www.collinspress.ie/wildflowers-of-ireland.html>

**Wild Things at School (Éanna Ní Lamhna) - Resource book for Teacher:**  
<http://www.meath.ie/CountyCouncil/Publications/HeritagePublications/File,44105,en.pdf>

**Wild Things at School (Éanna Ní Lamhna) - Worksheets for students:**  
[https://www.laois.ie/wp-content/uploads/Wild\\_Things\\_at\\_School\\_worksheets\\_final-minweb.pdf](https://www.laois.ie/wp-content/uploads/Wild_Things_at_School_worksheets_final-minweb.pdf)

**Tree Council of Ireland, Woodland Modules – Primary School All modules, from Naoíaire to Rang 6:**  
<http://www.treeday.ie/classmodulesb.html>

**Nature Detectives – Woodland Trust UK (Leaf/Twig ID Dials and other excellent resources):**  
<https://www.woodlandtrust.org.uk/naturedetectives/activities/2015/09/leaf-id/>

## Citizen Scientists Resources and Supports:

**National Biodiversity Data Centre:** <https://records.biodiversityireland.ie>

**All Ireland Pollinator Plan Resources:** <http://pollinators.ie>

**Irish Peatland Conservation Council Frog Survey Cards:**  
<http://www.ipcc.ie/help-ipcc/hop-to-it-national-frog-survey-irelandcard/>

**Trees and Phenology:** <https://www.globe.gov/web/phenology-and-climate>

**Soil and GROW:** <http://www.cultivate.ie/permaculture/1283-grow-observatory>

**Garden Birds Survey with Bird Watch Ireland:**  
<https://www.birdwatchireland.ie/OurWork/ResearchSurveys/GardenBirdSurvey/tabid/121/Default.aspx>

**Citizen Science Course – online, free and 5 modules @ 1 hour each:**  
<https://openupsci.wixsite.com/citizensciencecourse/an-introduction-to-citizen-science>

## Weather

**Global Weather Patterns:** <https://earth.nullschool.net>

**Met Éireann:** <https://www.met.ie/forecasts/atlantic-charts/precipitation-pressure#>

### Other places to go for information:

**Learning About Forests Ireland:** [www.learningaboutforestsireland.org](http://www.learningaboutforestsireland.org)

**How to find native woodlands in your local area:** <https://maps.biodiversityireland.ie/Map>

**Native Woodland Trust:** <https://www.nativewoodlandtrust.ie>

**Woodlands of Ireland:** <https://www.woodlandsofireland.com>

**Crann:** <https://crann.ie> and <http://www.easytreesie.com>

**Irish Forest Schools Association:** <https://irishforestschoollassociation.ie>

**Leave No Trace Ireland:** <http://www.leavenotraceireland.org/seven-principles>

**BirdWatch Ireland Teacher Resources:** <https://www.birdwatchireland.ie/OurWork/EmpoweringTeachersPupils/ETPTeachersMaterials/tabid/1642/Default.aspx>

**Green Schools:** <https://greenschoolsireland.org/biodiveristy/>  
[https://greenschoolsireland.org/wp-content/uploads/2016/08/Biodiversity-for-NS\\_new.pdf](https://greenschoolsireland.org/wp-content/uploads/2016/08/Biodiversity-for-NS_new.pdf)

**Biodiversity in Schools:** <https://www.biodiversityinschools.com>

**Biodiversity Action Plans:** [http://www.noticenature.ie/biodiversity\\_action\\_plans.html](http://www.noticenature.ie/biodiversity_action_plans.html)

**Tiny Forest Creation:** <https://www.afforestt.com/workshop>

### Other Resources:

**Clipboards:** Can be bought or ordered through your local stationary shop. (Or make using stiff thick cardboard or light wood cut to size with clip at top).

#### **Quadrats – Optional:**

Mark off the area to study with sticks and twine (25 x 25cm)

Make a 25 x 25cm square with wire/old hangers

Suppliers such as:

<https://www.shawscientific.com/Catalogue/ProductDetail/quadrat-25>

<https://www.lennoxeducational.ie/2190-Quadrat-25-Grids.html>