

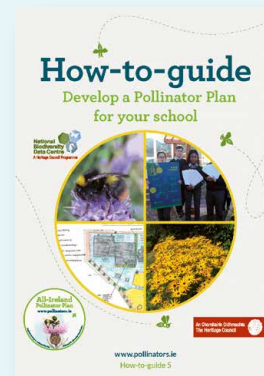
# 09

## Lesson Plan

# Log your site and actions for bees

### Suitable for Junior Infants to 6th Class

Use our School Resources at [www.pollinators.ie/schools](http://www.pollinators.ie/schools) including the Junior Pollinator Plan (also available in Irish) and the 'How-to-guide: Develop a Pollinator Plan for your School'



## Objectives

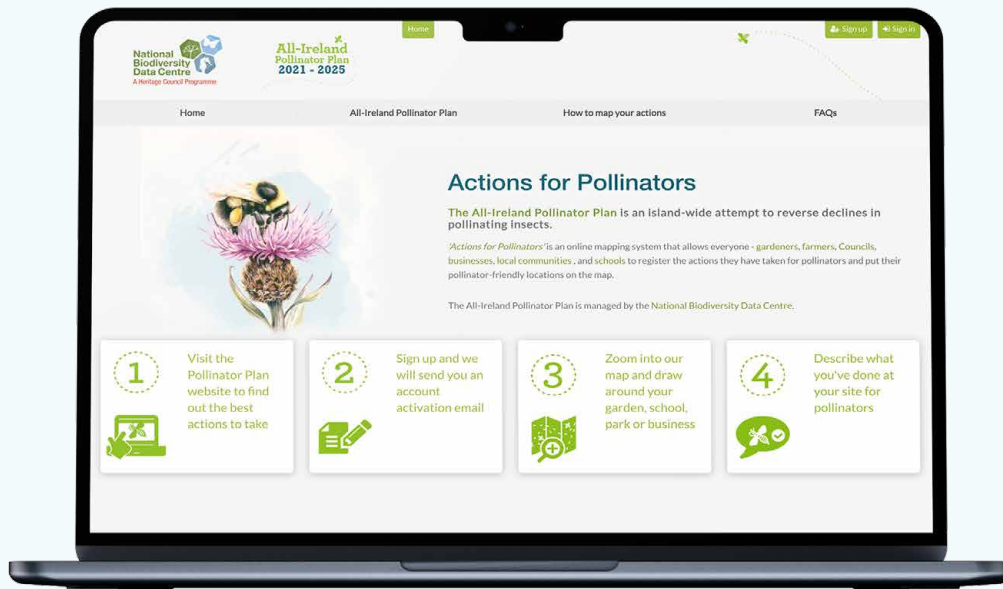
### In this lesson, students will:

- ✓ learn how to use an online mapping system.
- ✓ learn IT skills and how sharing information on a national database helps to form a picture nationally of what actions are happening across the island.
- ✓ Learn to use the mapping system to pull out data on various sectors, for instance on schools or businesses.



# Activity:

Explore the Pollinator Plan's mapping system:  
<https://pollinators.biodiversityireland.ie/>



Select different sectors in the 'Site type' box, so you can choose from 'schools, gardens, councils', etc. to see sites across the island that are now pollinator-friendly.

This screenshot shows the interactive mapping interface. A 'Site type' dropdown menu is open, listing various categories such as 'Businesses', 'Central Government', and 'Gardens'. A callout box points to this menu with the text: "You can search for specific sectors (site types)".

Another callout box points to a summary box on the right side of the map, which displays: "Total polygon area: 7758.31 km<sup>2</sup>" and "Total line length: 0 km". The text above this box reads: "This shows the total area on the island under pollinator friendly management".

The map itself is covered in numerous small, multi-colored dots. A callout box explains: "Each coloured dot on the map represents a site where pollinator friendly actions have been taken".

A second callout box points to the legend for the dots, stating: "Different colours stand for different sectors RED = gardens".

At the bottom of the interface, there are three charts: "Sites per sector", "New sites per sector (12 months)", and "Actions taken per sector".



You can also zoom in on the map to see if there are any pollinator-friendly sites across your county or town.

In the 'Attributes name' box, you can select an action such as 'Reduced mowing'

The All-Ireland Pollinator Plan is managed by the National Biodiversity Data Centre.

- 1 Visit the Pollinator Plan website to find out the best actions to take.
- 2 Sign up and we will send you an account activation email.
- 3 Zoom into our map and draw around your garden, school, park or business.
- 4 Describe what you've done at your site for pollinators.

Attributes name:

- A. Protect existing pollinator habitats
- B. Reduce mowing
- C. Pollinator friendly planting
- D. Provide nesting habitats
- E. Reduce pesticide use
- F. Raising awareness of pollinators
- G. Tracking progress
- H. Other
- I. Other actions taken for general biodiversity

Cartisnoore meadow 1

Date: 12 Nov 2019  
Name: Cartisnoore meadow 1  
Type: Headquarters/Campus  
Site ID: 2499

You can also search by the type of pollinator friendly actions taken (attributes)

Click on a dot to get more information about that site. Clicking 'View Detail' tells you what action has taken place on this site. This is all publicly available information.

You might like to explore the statistics at the bottom of the home page about registered actions.



Use our guides and tutorial video to log your school's actions...

## Tutorial Video



### Actions for Pollinators

The All-Ireland Pollinator Plan is an island-wide attempt to reverse declines in pollinating insects.

Actions for Pollinators is an online mapping system that allows everyone - gardeners, businesses, local communities, and schools to register the actions they plan to take and put their pollinator-friendly locations on the map.

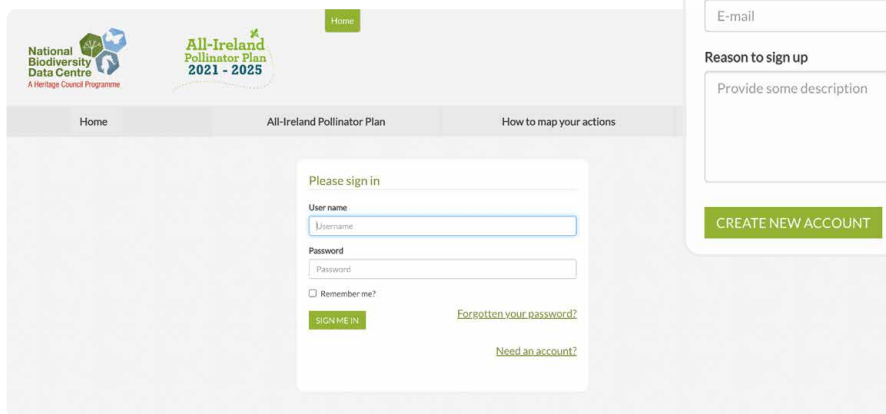
The All-Ireland Pollinator Plan is managed by the National Biodiversity Data Centre.

- 1 Visit the Pollinator Plan website to find out the best actions to take
- 2 Sign up and we will send you your password
- 3 Zoom into our map and draw around your garden, school, park or business
- 4 Describe what you've done at your site for pollinators

**2** Sign up and we will send you an account activation email



When you receive your confirmation email, you can sign into Actions for Pollinators as a user



The screenshot shows the login page with the following fields and options:

- Home
- All-Ireland Pollinator Plan
- How to map your actions
- Please sign in
- User name:
- Password:
- Remember me?
- [SIGN ME IN](#)
- [Forgotten your password?](#)
- [Need an account?](#)

## Create a New Account

Please complete all required fields to create your account.

Passwords are required to be a minimum of 8 characters in length.

### Account Information

First Name:

Last Name:

Phone Number:

User name:

Password:

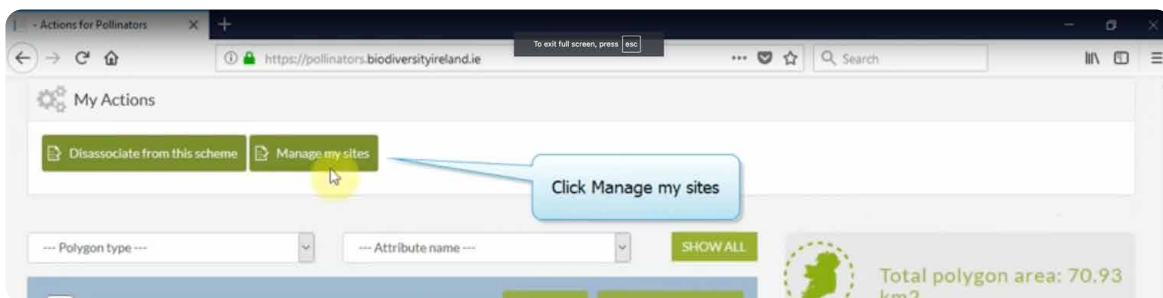
Confirm password:

E-mail address:

Reason to sign up:

[CREATE NEW ACCOUNT](#)

When you have signed in, the Home Page looks the same, except now there are two green buttons. To add your school, click on 'Manage my sites'.



The screenshot shows the 'My Actions' page with the following elements:

- Disassociate from this scheme
- [Manage my sites](#) (highlighted with a callout: "Click Manage my sites")
- Polygon type:
- Attribute name:
- [SHOW ALL](#)
- Total polygon area: 70.93 km<sup>2</sup>

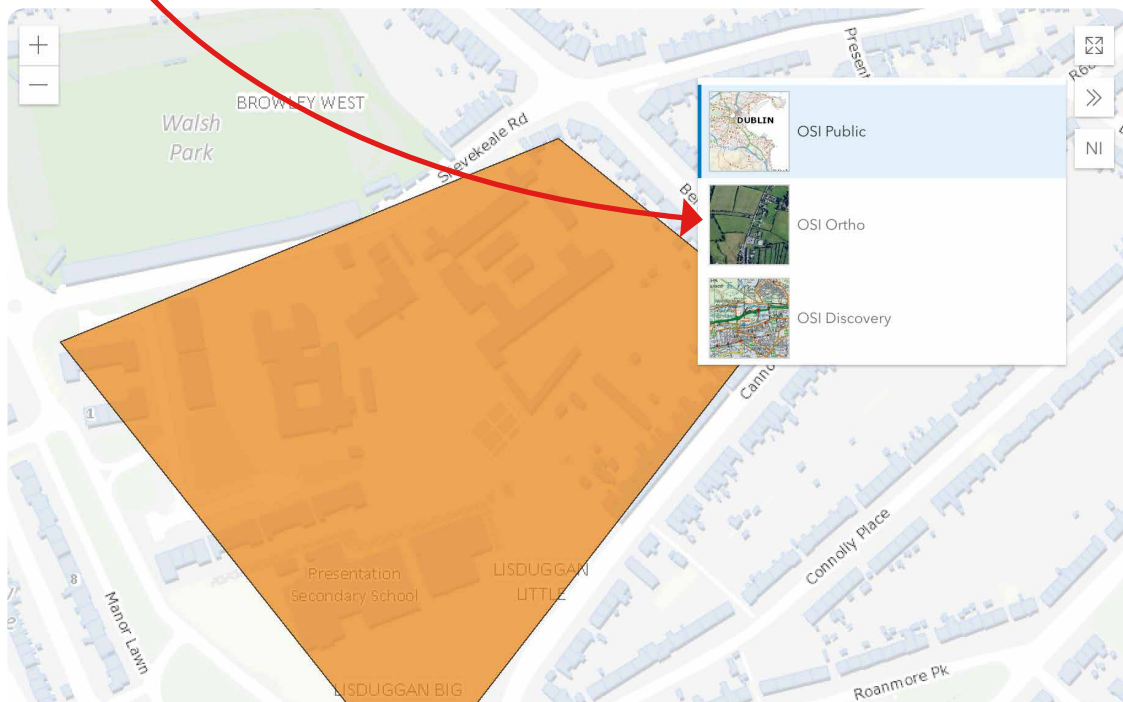


3



Zoom into our map and draw around your garden, school, park or business

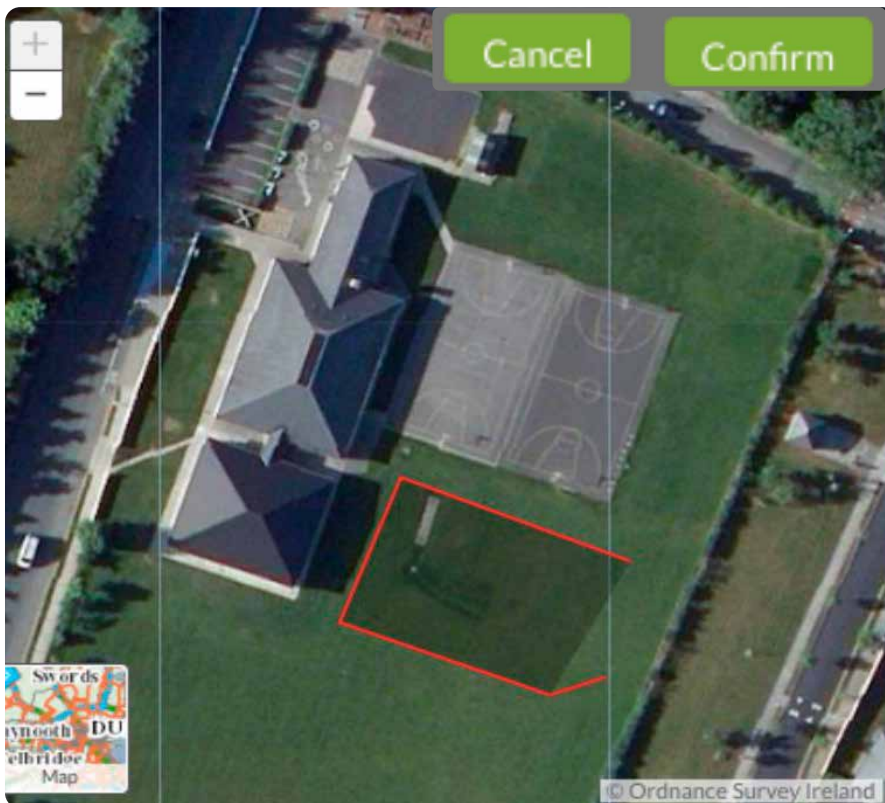
You can also switch to a satellite view by selecting the box in the top right corner of map.



+ ADD SITE



Click on a point and then a second point to draw a red line and repeat to create a shape around your site.



When you have finished marking your school yard, hit the 'confirm' button.



4

Describe what you've done at your site for pollinators



cityireland.ie/Site

The site has been saved

### Site Information

Site Name: [business name] Flower bed 1

Type: Businesses

Date: 06 / 25 / 2019

**A. Protect existing pollinator habitats**

Length of existing flowering hedgerow protected (m)

Area of existing earth banks or bare soil protected (m2)

Length of existing dry stone walls protected (m)

Other pollinator friendly habitats protected  type

**B. Reduce mowing**

One third of all grassy areas mown under a pollinator friendly regime-5 cut and lifts/year (m2)

Area managed as long-flowering meadow-1 grass cut & lift/year (m2)

**C. Pollinator friendly planting**

SPRING-flowering pollinator friendly plants/trees/shrubs  main species

SUMMER-flowering pollinator friendly plants/trees/shrubs  main species Lavender

AUTUMN-flowering pollinator friendly plants/trees/shrubs  main species

Area planted with Clover sward (m2)

Number of pollinator friendly containers planted

Pollinator friendly perennial bed planted (m2)

Area of native wildflower meadow plants

**D. Provide nesting habitats**

Length of native hedgerow planted/managed for pollinators (m)

Area of earth bank or bare soil created for mining bees (m2)

Number of holes drilled in wood

Number of bee hotels installed

**E. Reduce pesticide use**

Area where herbicide use has been eliminated (m2)

Business has adopted Pollinator Plan's best practice pesticide code

**F. Raising awareness of pollinators**

Pollinator Plan's farming guidelines promoted within supply chain (number farmers reached)

Pollinator Plan's businesses guidelines promoted within supply chain (number suppliers/contractors contacted)

Number of other pollinator friendly guidelines/leaflets distributed

Junior Pollinator Plan promoted (number of children reached)

Pollinator signage printed or sponsored (number signs)

Pollinator friendly project sponsored in a local community (briefly describe)

Sponsorship of a national Pollinator Plan project (briefly describe)

Number of pollinator workshops delivered to staff

**G. Tracking progress**

Participates in Bumblebee Monitoring Scheme

Pollinator records submitted to data centre

**H. Other**

ADD IMAGE

SAVE CANCEL

