**Scoil Phádraig NS Biodiversity Action Plan**

|  |  |
| --- | --- |
| **Goal 1**To Create Awareness of Biodiversity  |  |
| **Action** | **Person/Group Responsible** | **Time frame** |  |
| **Elect a new committee** **Inform Parents** that the school is now participating in Green-Schools BiodiversityEncourage ‘Green Schools’ themed curriculum workPrepare lesson plans for other teachers | Green-Schools Coordinator  | Sept 2016 | See full size image |
| **Biodiversity Awareness Survey**1. Carry out Biodiversity Awareness Survey to examine level of awareness among students and staff.
2. Graph results in bar chart format
3. Analyse the survey and suggest recommendations.
 | Green-Schools Committee  | Survey 1Nov 2016Survey 2Nov 2017 | See full size image |
| **Habitat Map**1. Draw a Habitat Map of the school grounds to identify and mark habitats by shading each area with different colours
2. Compile list of Species in all identified habitats.
3. Identify trees growing on the school grounds and mark on the map
4. Identify areas for positioning new habitats to promote biodiversity.
 | Green-Schools Committee All Classes | Map 1Nov 2016Map 2Dec 2017 | See full size image |
| **Data Base of Species**1. Set up a Data base listing all plants, invertebrates, birds and mammals on our school grounds
2. Make a scrapbook to show evidence
3. Draw, paint or photograph all species found
4. Hold Biodiversity day when classes find as many species as they can.
5. Invite a Heritage Specialist to the school to help find, name and record species.
 | 3rd /4th Class3rd /4th Class3rd /4th ClassAll Classes | Mar-June 2017Feb 2018Nov 2016 | See full size image |
| **Learn about the diversity around us**1. Use teaching resources and worksheets from Green School Web Site and Internet sites to learn about various species in our grounds and local countryside.
2. Record the seasonal changes that occur in habitats by observing and recording
3. Erect Green Schools posters in the courtyard and hang biodiversity themed garden decorations in the area
4. Arrange a trip to visit the ‘Wetlands in Ballybay’
 |  All Classes3rd /4th ClassCommitteeCoordinatorCoordinator | On-goingOngoingSept 2016April 2018 | See full size image |
| **Green Code** Hold a poster/slogan competition to come up with a new Green Code relating to biodiversity. Display on Green School Notice Board  | 3rd – 6th Class | Feb 2017 | See full size image |
| **Action Day**Organise and advertise an Action Day – * Organise the event by getting parents and community involved.
* Ask the ‘After School’ to join with us for the day
* Watch biodiversity videos
* Pick up rubbish in local area.
* Tidy up and weed the school garden and plant flowers, herbs, shrubs, fruit and vegetables
* Paint the benches in the courtyard
* Secure all new trees with supports
 | All Classes | Mar 2017Mar 2018 | See full size image |

|  |  |
| --- | --- |
| **Goal 2**To preserve and enhance biodiversity in our school. |  |
| **Action** | **Person/Group Responsible** | **Time frame** |  |
| **Increase Biodiversity in the School Grounds** Organize and put in action a system that will enhance biodiversity levels in the school and create new habitats 1. Organise a biodiversity workshop to visit the school (Dale)
2. Plant trees and shrubs within the school grounds
3. Create a prairie garden area to attract ladybirds and butterflies by planting a variety of wild flower seed mixes
4. Erect bird feeders and bird tables
5. Erect bird boxes, hedgehog homes, squirrel shelters, nesting boxes
6. Create a log pile and a Leaf pile to provide a habitat for ‘mini beasts’
7. Create a wild flower bed.
8. Create an Insect Hotel.
9. Plant trees and shrubs
10. Erect a bird bath near feeders
11. Indicate on Habitat Map each new development
12. Erect new attractive planters for shrubs and flowers (minions, tyres, snails, baskets etc)
13. Allow some garden areas to grow wild
14. Take part in national tree week
 | Green-Schools Committee ParentsJunior Classes/StaffSenior Classes/StaffCommittee |  Ongoinga) Oct-Dec 2017b) Jan 2017c) Nov 2016d) Mar 2017e) Mar2017f) Apr 2017g) Feb 2018h) Jan 2018i)On-goingj) Feb 2017ongoingOct 2017ongoing | See full size image |
| **Arrange biodiversity related activities** and races for school sports dayUse mint from the garden to flavour drinks/ice-cream Make smoothies and soups using a variety of our fresh produceMake salads and garnishes for lunchDesign biodiversity brochures and hand them out in the local area | All Classes | June 2018 |  |
| 1. **Nature Trail and Quiz**

Design a Nature Trail around the school groundsCompile quiz questions for senior classes | Green-Schools Committee  | Jan 2018 | See full size image |
| 1. **Threats to Biodiversity**
2. Identify the Possible threats to biodiversity,

Threat Effects Action |  |
| Ground Pollution | Kills plants | Remove any rubbish | Green-Schools Committee  |  | See full size image |
| Noise Pollution | Frightens away animals | Create a safe area |  |
| Habitat change | Loss of animals and plants | Restore natural areas |  |
| Invasive Creatures | Outcompetes with the native species and breaks the food chain | Remove any invasive creatures |  |