



# Biodiversity Action Plan

What is the problem/issue needing improvement and why is it a problem/in need of improvement?

We recently learned about a number of state wildlife and plant species that are in decline for a number of reasons, from development, to pesticide/herbicide use and agricultural practices. We want to work with our local state fish and wildlife agency to identify the best ways to improve biodiversity and habitat needs for these specific wildlife, and then design a habitat or multiple small habitats based on their recommendations.

How is it impacting people, the school, the economy and/or the environment?

What action(s) will we take?

- Connect with our state fish and wildlife agency
- Using our Eco-Action Team meetings to research and talk with experts we will design habitats to meet the needs of our identified species.
- Host two fundraisers to support the financial needs of the project and to provide snacks for our guests.
- Host 2 work days: 1) area prep 2) planting
- Host habitat hikes to share the project with school and greater community

How will we persuade people at school to change current practices in order to solve the problem/make improvements?

Who will do it?

- Eco-Action Team members
- Staff, parents, volunteers
- Facilities department staff
- State fish and wild agency staff
- Master naturalist and/or gardener

Who are the community experts and leaders that can help us solve the problem/make improvements?



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| <p><b>What is the timeline for completion –for goals to be accomplished?</b></p> <p>Be as specific as possible – goals can be modified.</p>                               | <p>This project will take place over the entire school year. During our first meeting with experts we will develop a more detailed timeline. Tentative plan below:</p> <ul style="list-style-type: none"> <li>• Fall: Research, planning meetings, design meetings and 1 fundraiser</li> <li>• Winter: 2<sup>nd</sup> fundraiser, finalize designs, begin securing materials</li> <li>• Spring: Land preparation and planting days, host 2 habitat hikes and talk with teachers about how to use the habitats for learning</li> </ul> |
| <p><b>How and when will we monitor our progress toward our goals?</b></p>   | <ul style="list-style-type: none"> <li>• Eco-Action Team meetings</li> <li>• Use photographs and video to record our progress and share with the school and greater community</li> </ul>  |
| <p><b>What will success look like?</b></p>  | <p>Success will include:</p> <ol style="list-style-type: none"> <li>1. New partnership with state fish and wildlife agency and continued partnership with our master naturalist and gardeners</li> <li>2. New habitats that host a diversity of plant life and help meet the needs of wildlife that are in decline</li> <li>3. Engage the community to participate in our sustainability projects via our community habitat walks</li> </ol>  |
| <p><b>What materials do we need to solve our problem/accomplish our goals?</b></p> <p>Do we have them at school? Will we need any money? Where can we find donations?</p> | <ul style="list-style-type: none"> <li>• Need to purchase-\$200: Compost and soil amendments</li> <li>• Donation-plants, shrubs and trees – see if we can get 50% off or donated plants from local nursery and tree farm</li> <li>• Informational/Marketing-members of the team and our journalism and communications classes</li> <li>• Combo of purchased and service provided by students-\$200: Bird baths, insect, bird and bat houses</li> </ul>  |