

FFL Principle 5- Attracting Wildlife: Landscape Architects Elementary School

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Program Type: In Class Activity		Duration: ~2hrs
Standards: SC.3.L.17.3 Describe that animals, including humans, need food, water, shelter, and space to live and grow. SC.4.L.17.4 Recognize ways plants and animals, including humans, can impact the environment. SC.5.L.17.1 Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments. SC.3.L.15.2 Classify animals into major groups according to physical characteristics and behaviors. SC.4.L.17.2 Explain that animals, including humans, cannot make their own food and must rely on plants or other animals for energy.		
Learning Objectives: Learn how to design a yard/garden/area in a way that attracts and provides a habitat for native Florida flora and fauna.		
Guiding Questions: What is a habitat, and what do all organisms need to survive? How do the types of plants affect what organisms will be found in that habitat? What major groups of animals would we expect to find in the community garden built in this activity? What do the animals in this garden eat?		
Intended Outcomes		
As a result of the program, what I want my audience to LEARN... Learn the types of habitats used by local wildlife Learn the major groups of animals in their local community and what animals they would likely find in their community What plants should they put around their school to attract specific species? How the presence of certain species can impact others.	As a result of the program, I want my audience to ACT by... Encouraging their parents and local community to use Florida-Friendly landscaping tactics to foster native wildlife. Considering the impact we have on native wildlife populations.	Assessment: (How will you know your audience has reached your intended outcomes) A small poster board/ diorama/ or drawing project (depending on students' access to materials) depicting how they would design their own yard to foster local wildlife.
Schedule Layout:		Items Needed:
Introductory lesson based on material in FFL, "attracting wildlife". Talk about the importance of plants as a habitat and how the distribution of plants can impact what animals will be found in that habitat. ~20min		FFL Handbook. Available for free online through UF IFAS. A presentation on the suggested introductory material provided by IFAS, altered to be more specific to your local community.
Have students work together to identify what organisms are native to Florida and found in their community from a pre-made list. ~10min		Premade presentation of native organisms to choose from. Could also make this a game where students form groups to determine which species are local. Each time a group gets it right, they get a point

Have students select plants that may attract local species. Remind students of “right plant right place” as it relates to their community ~15min	Same format as above but determine the best plants for a local yard/ landscape.
Walk around the school and have students write down how they think the school landscape attracts or may even deter native wildlife. ~20min	Clipboard for students, pencils, paper
Students will work together in small groups to determine what their school should add to be a better landscape for local Florida wildlife. ~20 min	A large piece of paper and markers to draw and write their landscapes
As a class, determine what aspects of the school landscape may already be habitat for local species and design ways to attract other organisms to the school's landscape. Draw this out on very large piece of paper ~20 min	Very large piece of paper so that each student can add something to the landscape.

Details:

Activity Set-Up:

Create a presentation to teach learning objectives of FFL “attracting wildlife” principle. Create presentations of different species of animals and plants so students can play the game outlined above. Have clipboards with paper attached ahead of time and ensure paper and markers for the last two activities are set aside.

Check the weather report to avoid bad weather conditions such as high UV index and storms.