



Playcard Environmental Education Center Pre-visit Information Sheet

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Playcard Pre-visit Information Sheet

Eighth Grade: Wetland Wonders

Grade	Subject	Science Standards Addressed
8th	Wetland Wonders	Students take-on the role of a wetland ecologist by exploring, collecting from, and analyzing the difference between upland and wetland plant and animal communities of Playcard. Obtain scientific information from a wide variety of different sources. Environmental ethics (reduce, reuse, recycle).(IA1,2,3; IIA1,2)

PROGRAM DESCRIPTION:

Students take-on the role of a wetland ecologist by exploring, collecting from, and analyzing the difference between upland and wetland plant and animal communities of Playcard. Obtain scientific information from a wide variety of different sources. Environmental ethics (reduce, reuse, recycle) are stressed as a way to conserve wetlands for future generations.

(IA1,2,3; IIA1,2)

VOCABULARY (The following words will be used in your program. If possible, please investigate their definitions.)

Wetlands	Hydrophilic	Biological Indicator	Soil profile
Uplands	Hydrophobic	Macro-invertebrate	Hydrology
Pioneer Species	Secondary Forests	Deciduous Forest	Coniferous Forest
Mesic Soil	Xeric Soil	Hydric Soil	Wetland Ecologist

CONCEPTS TO DISCUSS WITH STUDENTS BEFORE VISIT

**Ecology of Wetlands, Primary Successional Fields, and Forests
Plants and Animals as Biological Indicators of habitats, Wetland Conservation**

Preparing for your Visit

1. Please encourage students to wear clothing appropriate for the weather conditions and be ready to explore nature with all their senses.
2. CHAPERONES: Students should have 1 adult for every 5 students. This is not a requirement, but does add to the program significantly.
3. Please bring ONE 1 GALLON SIZED ZIPLOCK BAG PER STUDENT for collections.

Post Visit Activity

As an assessment, each grade level is encouraged to create a learning, “feedback” project. You can analyze the different habitats around your own school for evidence of wetlands vs. uplands to discover whether your school was built on a wetland community. You may also web-quest the wetland conservation debate and section 404 of the Clean Water Act to enhance post visit connections. Please post these experiences to the web calendar and/or e-mail these connections to... benabercrombie@horrycountyschools.net

“Nature is the world’s best teacher!”