



Playcard Environmental Education Center Pre-visit Information Sheet
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Playcard Pre-visit Information Sheet
Third Grade Adaptations

Grade Subject

3rd Adaptations

3-1.3, 3-2.2, 3-2.3, 3-2.5, 3-3.1

Science Standards Addressed

Animals and plants physical and structural adaptations to habitats (Sight, sound, bones, camouflage, mimicry, etc.), animal sight adaptations, S.C. habitat management, trapping and collection, simple food chains, etc.

Source: *2005 SC Science Standards*

PROGRAM DESCRIPTION:

Students, working in cooperative groups, will explore the world of animal and plant adaptations. Students will compare and contrast those features that enable animals to survive in a particular habitat. They will explore how animals have developed specific adaptations, both physical and behavioral, to successfully compete in the wild. Students will also explore the field and forest/wetland habitats of Playcard to compare the adaptations of aquatic and terrestrial animals and plants. Exploring, searching, climbing, swamp-ferrying, and catching creatures with nets will be included in the program.

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

[Invertebrate](#)

[Vertebrate](#)

[Camouflage](#)

[Predator/Prey](#)

[Decomposer](#)

[Cold-blooded](#)

[Warm Blooded](#)

[Producer](#)

[Consumer](#)

[Scavenger](#)

[You tube producers, consumers, and decomposers video.](#)

CONCEPTS TO DISCUSS WITH STUDENTS BEFORE YOUR VISIT:

1. Discuss adaptations which help particular species survive.
2. Discuss how behavior as well as physical characteristics may help a species survive.

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 a 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 swamp collections. Please collect only what you need that does not harm the plant or animal, or the habitat in which you find it, release the creature back to its native habitat.

Post Visit Activity

As an assessment, each grade level is encouraged to create a learning, "feedback" project. These projects may be any appropriate feedback method as prescribed by the teacher. Some examples are, letters of what the students learned with drawings and/or photographs of the experience, power point presentations, videos, learning logs, journals,

projects, such as making an animal out of natural materials and describing its adaptations, etc.