



Author Name: Mary Pat Harris	Content Areas: Science
Community Conservation Plan: Dragonfly Club	State: OH
Lesson Time Frame: school year	Inspired by an Earthwatch Expedition: Sri Lanka's Temple Monkeys
Student Level: Elementary	

- a. Environmental Science Club for Intermediate Students (Dragonfly Club)
- b. The goal of this project is to work with children ages 8 – 11 (third and fourth grades) in an after school program named Dragonfly Club. I will meet with a group of students (up to 20) to facilitate their growth in inquiry-based learning. Children will follow the QUEST by questioning and observing, uncovering comparative questions, exploring predictions, starting action plans and gathering data, and sharing their findings.
- c. Students in elementary grades benefit from opportunities to explore the questions they have. The Dragonfly Quest Club will provide experiences in the way to ask questions, gather data and communicate results through use of graphs and technology. Our textbooks are filled with ideas for inquiry lessons but students are rarely able to investigate their own questions.
- d. Students will create a garden to attract butterflies and birds to the area. Learning about local wildlife in the garden and through animals in the classroom provides a foundation for students to gain an appreciation for animals.
- e. Students will gather information about the availability of recycling, reducing and reusing in the school community and about recycling in their homes. At this time there is no recycling program in the school building.

Action Plan:

Week of September 19: I will seek approval from my building principal to facilitate an after school club.

Week of September 26: Notify the McCormick PTO of the club.

Week of October 3: The application for students in grades 3 and 4 will be sent home in the Friday Folders.

Weeks of October 3 and 10: The students will be notified of membership in the club.

Weeks after October 17: The students will meet twice a week after school from 3:45 until 5:00. Opportunity will be given for students to participate in seasonal sessions. This will allow students involved in other after-school activities to be members when they are able.

Citations:

Project Wild. (1991). Western Association of Fish and Wildlife Agencies and the Western Regional Environmental Education Council Inc.

Kaufman, Donald G. and Stephen Eshbaugh. (1995) Hands-On Environmental Education Activities for K-6 Teachers. Kendall/Hunt Publishing Company.

Hoover, Evalyn and H. Larimer. (1993). The Budding Botanist Investigations with Plants. AIMS Education Foundation.

Allen, Maureen et. al . (1992). Critters. AIMS Education Foundation.

Kricher, J.(1999). The Neotropical Companion. Princeton University Press.

Local Organizations

Clermont Country Soil and Water Outreach.

Jan Dietrich, School Services Coordinator of the Cincinnati Zoo

Dave Jenike, Director of Education Cincinnati Zoo

Jamie Bercaw Anzano, Director of Program Services Miami University Dragonfly Project

Chris Myers, Director of Project Dragonfly.