

## ***This Old Habitat Interdependence and Education Standards***

### **Project 2061 Benchmarks**

3-5<sup>th</sup> Grade. By the end of 5<sup>th</sup> grade students should know:

*Organisms interact with one another in various ways besides providing food. (Pollination, seed dispersal)*

6 -8<sup>th</sup> Grade. By the end of 8<sup>th</sup> grade students should know that:

*Two types of organisms may interact with one another in several ways: They may be in a producer/consumer, predator/prey, or parasite/host relationship. Or one organism may scavenge or decompose another. Relationships may be competitive or mutually beneficial.*

### **National Science Standards**

9-12<sup>th</sup> Grade Content Standard C, Life Science: Interdependence of Organisms

*Organisms both cooperate and compete in ecosystems.*

### **Illinois State Standard**

12.B: Know and apply concepts that describe how living things interact with each other and with their environment

Late Elementary, 12.B.2a: *Describe relationships among various organisms in their environments (e.g., predator/prey, parasite/host, food chains and food webs)*

### **Performance Descriptors for Illinois State Standard 12B**

4-5<sup>th</sup> Grade

*Diagramming a simple relationship between plants and/or animals (i.e., predator/prey, parasite/host, consumer/producer) commonly found in local habitats*

6-7<sup>th</sup> Grade

*Identifying different niches and relationships found among organisms in an Illinois habitat.*