

## **Standards and Benchmarks**

### **Science**

#### **Linn-Mar Community Schools**

Indian Creek Nature Center study trips that meet specific standards are list in italics.

### **Kindergarten**

#### B. Life Science

K.B.1. Life cycles – birds, butterflies, insects *Honeybees, Interpretive Trail Hike, Monarch Tagging, Insects, Reptiles & Amphibians,*

K.B.2. Plant and Seed Parts, function, life cycle *Honeybees, Interpretive Trail Hike, Plants & Seeds,*

### **First Grade**

#### B. Life Science

1.B.1. Similarities between plants and animals *Interpretive Trail Hike*

1.B.2. Characteristics of habitats *Interpretive Trail Hike*

1.B.3. Basic Plant/Animal Survival Needs *Interpretive Trail Hike, Pond and Wetland*

1.B.4 Food chain/energy transfer *Interpretive Trail Hike*

#### C. Physical Science

1.C.2 Water Cycle , *Pond and Wetland*

### **Second Grade**

#### B. Life Science

2.B.1. Need for water, food, air *Interpretive Trail Hike, Reptiles & Amphibians, Mammals, Birds*

2 B. 2 Relationship between plants and animals for food, shelter *Interpretive Trail Hike*

2.B.3 Food chains and energy flow *Interpretive Trail Hike*

2 B 4 Life cycles of Frogs and Monarchs , *Monarch Tagging, Reptiles & Amphibians,*

### **Third Grade**

#### B. Life Science

3.B.1 Plant structures, functions, life cycles *Plants & Seeds*

3 B 2 Basic needs of organisms and how they react to external stimuli *Interpretive Trail Hike, Monarch Tagging, Insects, Reptiles & Amphibians, Mammals, Plants & Seeds, Birds*

**Fourth Grade**

## B. Life Science

4.B.1 Basic survival needs of living things *Honey Bees, , Monarch Tagging, Interpretive Trail Hike, Habitat Exploration, Ponds and Wetlands, Prairie Field Study, Woodland Field Study, Pond and Wetland Field Study*

**Fifth Grade**

## D. Earth and Space

5.D.1 Properties of rocks and minerals *Geology*

5.D.2 Understandings of environment/trees *Maple Syruping, Woodland Field Study*

**Seventh Grade**

## B. Life Science

7.B.1, 7.B.2, 7.B.3, 7.B.4, 7.B.5, 7.B.6 *Prairie Field Study*