

# Fernwood's Environmental Studies Program

## Correlations with State Education Standards

WEJ9.10

In addition to providing an opportunity to learn about and experience nature, we strive to make sure our natural history and environmental education programs are meeting the curriculum needs of area schools. While our programs are designed for the recommended grades listed below, we understand that standards and benchmarks vary from grade to grade and most programs can be offered to students in a grade above or below what we recommend. If few or no standards are listed for a specific program, it is because our content doesn't match up *specifically* with listed standards – they are still based on basic scientific concepts and have much to offer as enrichment for what is being taught in the classroom. Please see the ESP Brochure for complete program descriptions. Correlations are for science and social studies standards. We are also open to suggestions, so if you have a specific concept you want incorporated into our program, please let us know in advance of your visit. If you have any questions about these correlations, please contact Head Naturalist Wendy Jones at 269-695-6491 ext. 220.

### On-site Programs

#### PreK/K/1<sup>st</sup> Grade: Awaken to Nature

Michigan: S.IP.00.11; S.IP.01.11; L.OL.00.12  
Indiana: science K.4.1; K.5.1

#### 2<sup>nd</sup> Grade: Plants

Michigan: S.IP.02.11; L.OL.02.14; L.OL.02.22;  
L.OL.03.31  
Indiana: science 2.4.3

#### 3<sup>rd</sup> Grade: Habitats

Michigan: E.FE.02.11; E.FE.02.21; L.EV.03.12;  
E.ES.03.52; L.OL.04.15; L.OL.04.16;  
S.RS.03.18  
Indiana: science 2.4.1; 2.4.3

#### 4<sup>th</sup> Grade: Pond Life

Michigan: E.FE.02.11; E.FE.02.22; L.OL.03.32;  
L.OL.03.42; L.EV.03.12; E.ES.03.52;  
L.EV.04.22; L.EC.04.11; L.EV.05.11;  
L.EV.05.12; S.RS.03.18  
Indiana: science 3.4.1; 5.4.7

#### 1<sup>st</sup> Grade: Insects

Michigan: S.IP.01.11; L.OL.01.13; L.OL.01.21  
Indiana: science 1.4.3; 2.4.1

#### 2<sup>nd</sup> Grade: Wild About Wildlife

Michigan: S.IP.02.11; L.OL.03.32; L.OL.03.42;;  
L.EV.03.12  
Indiana: science 2.4.1; 3.4.1; 3.4.3

#### 3<sup>rd</sup> Grade: Weather

Michigan: E.ES.01.22; E.ES.01.31; E.FE.02.13;  
E.FE.02.13; E.FE.02.14; E.FE.02.21;  
E.ST.04.21; E.ST.04.22; E.ES.05.61;  
E.ES.05.62  
Indiana: science 5.3.4; 5.3.5; 6.3.5  
social studies 3.3.6; 4.3.7

#### 4<sup>th</sup> Grade: Michiana's Native Americans

Michigan: social studies 3-H3.0.5; 3-H3.0.6;  
5-U1.1.3; 5-U1.4.3  
Indiana: social studies 3.1.1; 4.1.1; 4.1.2; 5.1.1;  
5.1.3

4<sup>th</sup>-6<sup>th</sup> Grades: Invasive Aliens are Here!

Michigan: E.ES.03.52; L.EV.04.22; S.RS.04.17;  
L.EV.05.12; S.RS.05.17; S.RS.06.17  
social studies 4-HS.0.8; 4-G5.0.1  
Indiana: science 5.4.7; 6.3.16  
social studies 6.3.13

6<sup>th</sup> Grade: Tallgrass Prairie

Michigan: L.EV.04.22; S.RS.04.17; L.EV.05.12;  
S.RS.05.17; S.RS.06.17; L.EC.06.41  
social studies 6-G3.2.2  
Indiana: science 5.4.4; 5.4.7; 6.3.16

6<sup>th</sup> Grade: Relationships in Nature

Michigan: L.EC.04.11; S.RS.04.17; S.RS.05.17;  
S.RS.06.17; L.OL.06.51; L.OL.06.52;  
L.EC.06.21; L.EC.06.22; L.EC.06.31  
Indiana: science 6.2.8; 6.4.1; 6.4.2; 6.4.9; 6.4.10

*Off-site Travelling Naturalist Programs*

K: Wildlife Encounter

Michigan: S.IP.00.11  
Indiana: science K.4.1; K.4.2; 2.4.4

1<sup>st</sup>: Tame vs. Wild

Michigan: L.OL.01.13  
Indiana: science 1.4.3; 1.4.4

2<sup>nd</sup> Grade: Michiana Mammals

Michigan: L.OL.03.32; L.OL.03.42; L.EV.03.12  
Indiana: science 1.4.3; 2.4.1; 3.4.1; 3.4.3

5<sup>th</sup> Grade: Animal Classification and Adaptations

Michigan: L.OL.03.32; L.OL.03.42; L.EV.03.12;  
L.EV.04.22; L.EV.05.11; L.EV.05.12  
Indiana: science 5.4.7

6<sup>th</sup> Grade: Forest Plot Study

Michigan: S.IP.06.11; S.IP.06.12; S.IP.06.13;  
S.IA.06.11; L.EC.06.31  
Indiana: science 6.1.2



K: Nature by Stories

hear nature stories and explore related animal skins  
and artifacts up-close

1<sup>st</sup> Grade: Insects

Michigan: L.OL.01.13; L.OL.03.42  
Indiana: science 1.4.3

3<sup>rd</sup> Grade: Plants

Michigan: L.OL.02.14; L.OL.02.22; L.OL.03.31;  
L.OL.04.15  
Indiana: science 2.4.3; 3.4.4; 4.4.3; 4.4.5

### 3<sup>rd</sup> Grade: Geology

Michigan: E.SE.03.14; E.SE.06.41; E.ST.04.31  
Indiana: science 4.3.6

### 5<sup>th</sup> Grade: Food Chains

Michigan: S.RS.04.18; L.EC.04.11; L.EC.04.21;  
S.RS.05.17; L.EV.05.12; S.RS.06.7;  
L.OL.06.51; L.OL.06.52; L.EC.06.52;  
L.EC.06.23; L.EC.06.41  
Indiana: science 2.4.4; 4.4.2; 4.4.6; 6.4.1; 6.4.1;  
6.4.9; 6.4.10

### 6<sup>th</sup> Grade: Developing an Environmental Ethic

Michigan: L.EC.06.41; L.EC.06.42

## **Other On- and Off-Site Topics Available by Request**

### Spring Wildflowers

Michigan: S.IP.01.11; S.IP.00.11; E.ES.01.12;  
E.ES.01.12; L.OL.02.14; L.OL.02.22;  
L.OL.03.31; L.OL.04.15  
Indiana: science 2.4.3; 4.4.3; 4.4.4

### What Does an Owl Have for Dinner?

Michigan: L.EV.03.12; L.EV.04.22; L.EC.04.11;  
L.EV.05.12

### Seeds

Michigan: L.OL.02.22; L.OL.03.31  
Indiana: science 4.4.3; 4.4.5

### 4<sup>th</sup> Grade: Predators

Michigan: L.EV.03.12; S.RS.04.18; L.EV.04.22;  
L.EC.04.11; L.EC.05.11; L.EV.05.12;  
L.OL.06.51  
Indiana: science 3.4.1; 5.4.7

### 6<sup>th</sup> Grade: Endangered Species

Michigan: S.RS.04.18; S.RS.05.17; S.RS.06.17  
social studies 4-H3.0.8  
Indiana: science 6.2.8; 6.3.16  
social studies 3.3.8; 6.1.10

### Birds

Michigan: L.OL.01.21; L.HE.01.11; L.OL.03.32;  
L.OL.03.42; L.EV.03.12; L.EV.05.12  
Indiana: science 3.4.1; 3.4.3

### Reptiles and Amphibians

Michigan: S.IP.00.11; S.IP.01.11; L.OL.01.21;  
L.HE.01.11; L.OL.03.32; L.OL.03.42;  
L.EV.03.12; L.EV.05.12  
Indiana: science 3.4.1; 3.4.3

### Skulls

Michigan: L.OL.03.32; L.EV.03.12; L.EV.04.22;  
L.EC.04.11; L.EV.05.12

Those Who Dared: Michiana Pioneers

Michigan: social studies 3-H3.0.5, H3.0.7  
Indiana: social studies 4.3.8

A Visit from the Garbage Guru

Michigan: E.ES.03.41; E.ES.03.42; E.ES.03.43;  
E.ES.03.44; E.SE.03.31  
Indiana: science 2.1.7

1<sup>st</sup> Grade: The Magic of Butterflies

Michigan: L.OL.01.13; L.OL.01.21

Fernwood Fantasyland

Michigan: S.RS.03.18; E.ES.03.52; S.RS.04.18;  
S.RS.05.17; L.EC.06.41

Animal Life Cycles

Michigan: L.OL.01.21  
Indiana: science 3.4.3

