

# ***Illinois Wetlands Trunk***

## **Correlation to Learning Standards**

The following correlations to learning standards for the *Illinois Wetlands* trunk are intended to represent this resource being used as a unit. Within the trunk you will find many components that may be used individually, but they are not provided with individual correlations here.

The correlations to State Goals for each activity shown in the publication, *Illinois Wetlands: An Interdisciplinary Study*, are no longer relevant. These activities have been correlated to current learning standards, where possible, and listed in this document. Extension suggestions for the activities are not included in the correlations.

All correlations are for primary suggested uses. They do not include coincidental correlations. You may find that your teaching activities support the correlation of this unit to learning standards in a variety of other manners, too.

Targeted Grade Levels: 6-8. The information and resources included in the trunk may be used with other grade levels but should be adapted as necessary.

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## ***Illinois Wetlands Resources Trunk***

### **Illinois Social Science Standards**

Inquiry Skills: SS.IS.1.6-8., SS.IS.2.6-8., SS.IS.3.6-8., SS.IS.6.6-8.LC., SS.IS.6.6-8.MdC.

Geography: SS.G.1.6-8.LC., SS.G.1.6-8.MdC., SS.G.2.6-8.LC., SS.G.2.6-8.MdC., SS.G.3.6-8.LC.

### **Common Core State Standards for English Language Arts and Literacy in History/Social Studies, Science and Technical Subjects, Grades 6-8**

Reading Standards for Literacy in History/Social Studies: Key Ideas and Details 1.; Craft and Structure 4.; Integration of Knowledge and Ideas 7.

Reading Standards for Literacy in Science and Technical Subjects: Key Ideas and Details 1., 3.; Craft and Structure 4.; Integration of Knowledge and Ideas 7., 9.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Text Types and Purposes 3.; Production and Distribution of Writing 4., 6.; Research to Build and Present Knowledge 7., 8., 9.; Range of Writing 10.

## **Next Generation Science Standards**

From Molecules to Organisms: Structures and Processes: MS-LS1-4., MS-LS1-5.

Ecosystems: Interactions, Energy and Dynamics: MS-LS2-1., MS-LS2-4.

## **Mathematics**

Grade 7: Statistics and Probability: 1., 2., 3., 4.

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### ***Illinois Wetlands: An Interdisciplinary Study Publication***

Please note that not all of the activities included in this publication have direct correlations to current learning standards.

#### *Activity 3 - What about Those Cattails?*

Illinois Social Science Standards: Inquiry Skills: SS.IS.1.6-8., SS.IS.2.6-8.

Reading Standards for Literacy in Science and Technical Subjects: Key Ideas and Details 1., 3.; Craft and Structure 4.; Integration of Knowledge and Ideas 7., 9.

#### *Activity 4 - So What? Why Study Cattails?*

Illinois Social Science Standards: Inquiry Skills: SS.IS.1.6-8., SS.IS.2.6-8.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Range of Writing 10.

#### *Activity 5 - Tails in a Tub*

Reading Standards for Literacy in History/Social Studies: Key Ideas and Details 1.; Craft and Structure 4.; Integration of Knowledge and Ideas 7.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Research to Build and Present Knowledge 7., 8., 9.; Range of Writing 10.

Next Generation Science Standards: The relevant standards, if any, will be determined by the research projects selected by the class.

#### *Activity 6 – What about Those Water Lilies?*

Illinois Social Science Standards: Inquiry Skills: SS.IS.1.6-8., SS.IS.2.6-8.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Range of Writing 10.

*Activity 7 – Crossing Borders: The Science/Language Connection*

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Range of Writing 10.

*Activity 9 – Compare and Contrast*

Reading Standards for Literacy in Science and Technical Subjects: Integration of Knowledge and Ideas 7.

*Activity 10 – Dandelion Dozens: A Quadrat Study*

Mathematics: Grade 7: Statistics and Probability: 1., 2., 3., 4.

*Activity 11 – It’s in the Bag!*

Illinois Social Science Standards: Geography: SS.G.2.6-8.MdC.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Text Types and Purposes 3.; Production and Distribution of Writing 4.

Next Generation Science Standards: MS-LS2-1.

*Activity 13 Hydrophyte Detectives, What are They?*

Illinois Social Science Standards: Inquiry Skills: SS.IS.1.6-8., SS.IS.2.6-8.

Next Generation Science Standards: MS-LS2-1.

Mathematics: Grade 7: Statistics and Probability: 1., 2., 3., 4.

*Activity 15 - Swamp Things*

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Research to Build and Present Knowledge 7., 8., 9.; Range of Writing 10.

Next Generation Science Standards: MS-LS2-1.

*Activity 16 - Wetland or Not?*

Illinois Social Science Standards: Inquiry Skills: SS.IS.1.6-8., SS.IS.2.6-8.

Next Generation Science Standards: MS-LS2-1.

Mathematics: Grade 7: Statistics and Probability: 1., 2., 3., 4.

*Activity 17 – Muskrat Eat-out!*

Illinois Social Science Standards: Geography: SS.G.1.6-8.LC., SS.G.1.6-8.MdC.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Range of Writing 10.

Next Generation Science Standards: MS-LS2-1.

Mathematics: Grade 7: Statistics and Probability: 1., 2., 3., 4.

*Activity 18 – Order in the Court!*

Illinois Social Science Standards: Inquiry Skills: SS.IS.6.6-8.LC., SS.IS.6.6-8.MdC.; Geography SS.G.2.6-8.LC.

Reading Standards for Literacy in Science and Technical Subjects: Key Ideas and Details 1., 3.; Craft and Structure 4.; Integration of Knowledge and Ideas 7., 9.

*Activity 19 – Images of the Wetlands: Animal Effigies in Clay*

Illinois Social Science Standards: Geography: SS.G.2.6-8.MdC.

*Activity 20 – A-pa-quá – Cattail Mats*

Illinois Social Science Standards: Geography: SS.G.2.6-8.MdC., SS.G.3.6-8.LC.

*Activity 21 – The Large-mouth Frog and Other Tales*

Illinois Social Science Standards: Geography: SS.G.2.6-8.MdC.

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Text Types and Purposes 3.; Production and Distribution of Writing 4., 6.; Research to Build and Present Knowledge 7., 8., 9.; Range of Writing 10.

*Activity 22 – Totally Timeless Topos*

Illinois Social Science Standards: Geography: SS.G.1.6-8.LC., SS.G.1.6-8.MdC., SS.G.3.6-8.LC.

*Activity 24 Wartyback, Elktoe, Sheepnose – What are They?*

Next Generation Science Standards: Ecosystems: Interactions, Energy and Dynamics: MS-LS2-4.

*Activity 25 – A Visual Report*

Writing Standards for Literacy in History/Social Studies, Science and Technical Subjects: Text Types and Purposes 3.; Production and Distribution of Writing 4., 6.; Research to Build and Present Knowledge 7., 8., 9.; Range of Writing 10.