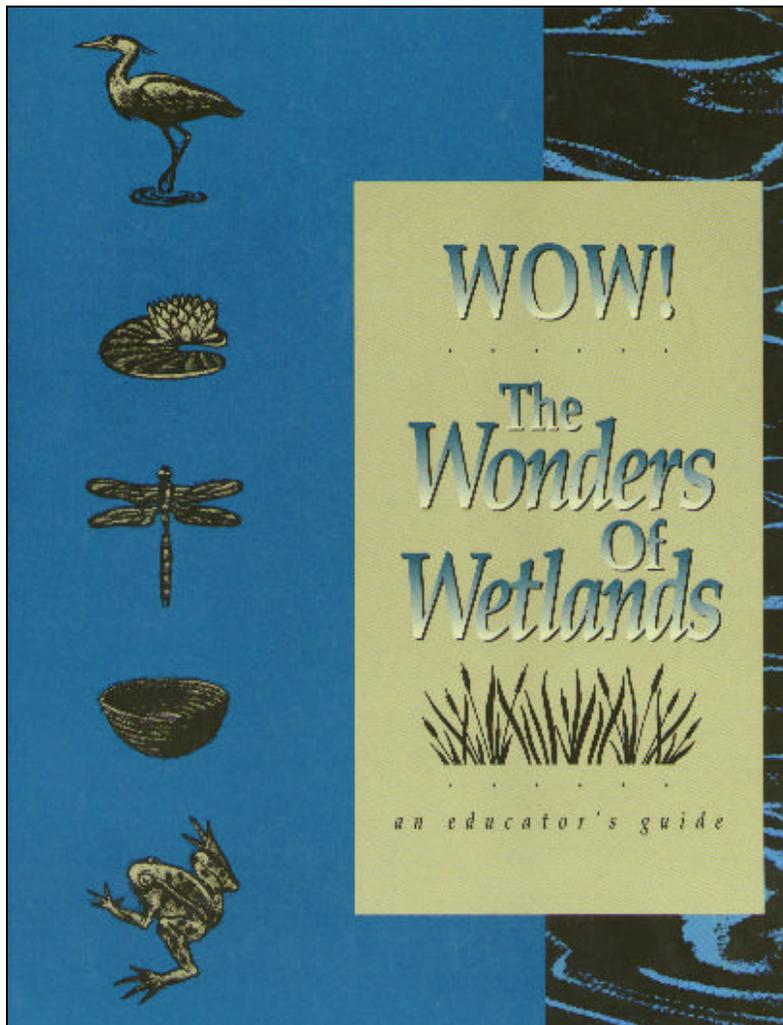


Correlation of  
**WOW! the Wonders of Wetlands**  
to the Oklahoma Priority  
Academic Student Skills (PASS)

A Guide for Educators



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Oklahoma Project WET  
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# **INTRODUCTION**

## **Considerations of the Alignment Process**

The process of alignment is somewhat complicated when dealing with more than content area and multiple grade levels. The Oklahoma Priority Academic Student Skills (PASS) objectives are process skills based with some content specific knowledge objectives. These objectives logically vary according to content area and grade level. The formatting of PASS was not consistent between content areas and in some cases between grade levels. The grade level break down did not always coincide between PASS and WOW. The specificity of some PASS objectives made it difficult to align with the more general WOW activity objectives. In order to align with the activities in WOW! the Wonders of Wetlands, criteria had to be set for the alignment. Finally, there is a subjective caveat inherent in the alignment process. This subjectivity was kept to a minimum through group discussions of the alignment criteria during the alignment process.

In general the rationale for the alignment process included the following:

- Do not assume or infer beyond what is stated in the main lesson plan.
- Some objectives, in general, fit many activities because of broad nature of some PASS objectives (e.g. communication).
- Alignment was defined as a strong link to the PASS objectives.

## **RECOMMENDATIONS**

Inquiry-based learning is part of the current education reform, nationwide. WOW! the Wonders of Wetlands could gain more alignment with the PASS inquiry objectives if in the explanation component of the activity, instead of the teacher explaining everything the student took more of a role in explaining his/her understanding of the concept(s). It is hoped that this alignment will further strengthen the justification to include WOW! the Wonders of Wetlands in both formal and non-formal education curricula.

## **LANGUAGE ARTS**

### **Considerations for Alignment of WOW! the Wonders of Wetlands Activities with PASS Objectives**

The Language Arts alignment was based on the following portions of each activity: Warm Up, The Activity, Wrap Up, Action, Extension and Assessment.

All of the WOW activities provide multiple examples of PASS objectives that are a part of every day/every lesson literacy awareness. As so many of the PASS objectives in Reading and Language Arts should be a part of any/all lesson plans, assessment for the Language Arts PASS alignment was considered only for those activities which listed Language Arts as a subject area. Each of these has actual Reading or Writing activities involved in the carrying out of the activity. Those left blank contain definite PASS objectives in Reading and/or Writing, but only as part of the normal course of teaching.

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for LANGUAGE ARTS - Grades 1-12

Activity Title (page number)	Grade Level			
	1-3	4-5	6-8	9-12
Chrysti the Wordsmith on Wetlands (280)			I-A1,2,3,4,6,7; VI-B;	I-A1,2,3,4,6; VI-6A
Do You Dig Wetland Soil (231)				
Drop in the Bucket, A (158)				
Get Involved! (310)				
Hear Ye! Hear Ye! (253)		gr.5:I-A,B,C; II-L	I-A,B,C; II-B,E,F,I,N	I-A,B,C; II-G,H,K,O,P,T
Helping Wetland Habitats (288)				
How Thirsty is the Ground? (239)				
Hydropoly! (260)				
Introducing Wetlands (71)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>
Let the Cattail Out of the Bag (78)				
Life in the Fast Lane (152)				

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for LANGUAGE ARTS - Grades 1-12

Activity Title (page number)	Grade Level			
	1-3	4-5	6-8	9-12
Marsh Market (109)				
Marsh Munchies (192)				
Marsh Mystery (116)				
Nature's Filter (250)				
Nature's Recyclers (226)				
Nutrients: Nutrition or Nuisance? (188)				
Over Hill and Dale (220)				
People of the Bog (266)				
Recipe for Trouble (199)				
Regulation Rummy (270)				
Rottin' Experience, A (245)				

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for LANGUAGE ARTS - Grades 1-12

Activity Title (page number)	Grade Level			
	1-3	4-5	6-8	9-12
Run for the Border (143)				
Runoff Race (210)				
Salt Marsh Players (165)	gr.3:II-A; V-A,B; VI-A;	gr.4:II-B,N; V-A,B,C; VI-A gr.5:I-A,B,C; II-C,L; V-A,BC; VI-A,	I-A,B,C; II-B,N; V-A,B; VI-A	
Soak It Up! (162)				
This Plant Key is All Wet (123)				
Tracking Plants and Keeping Track (138)				
Treatment Plants (120)				
Water Purifiers (215)				
Water Under Foot (204)				
Water We Have Here? (174)				
Wet 'n' Wild (99)				

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for LANGUAGE ARTS - Grades 1-12

Activity Title (page number)	Grade Level			
	1-3	4-5	6-8	9-12
Wetland Address (147)		gr.5:V-A1,C; VI-A	V-A,B,C,D; VI-A	V:A,B,D,F; VI-A,B
Wetland Gourmet, The (112)				
Wetland Habitats (87)				
Wetland in a Pan (212)				
Wetland Metaphors (85)				
Wetland Tradeoffs (285)				
Wetland Weirdos (94)				
Wetland Wheel (129)				
Wetlands in the Classroom (80)				
What a Boat! (278)				
Whose Clues? (104)				

# **MATHEMATICS**

## **Considerations for Alignment of WOW! the Wonders of Wetlands Activities with PASS Objectives**

The Mathematics alignment was based on the entire activity, from the Making Connections segment to the Assessment.

Strong correlations between the activities and PASS objectives were sought. Alignment was determined by meeting at least one component of the PASS objective. Extensions for the activities were not considered since not every teacher would do these activities. The PASS objectives for each activity correlate strictly with the lesson so that a teacher who follows the lesson exactly will meet the objectives listed. If a teacher extends the lesson, he/she may encounter more PASS objectives while a teacher who leaves out a part of an activity may miss some of the PASS objectives.

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for MATHEMATICS - Grades 1-8

Activity Title (page number)	Grade Level								Process	
	1	2	3	4	5	6	7	8	1--5	6--8
Chrysti the Wordsmith on Wetlands (280)										
Do You Dig Wetland Soil (231)										
Drop in the Bucket, A (158)				II-C	II-A,C; III-C	II-A,C				
Get Involved! (310)										
Hear Ye! Hear Ye! (253)										
Helping Wetland Habitats (288)										
How Thirsty is the Ground? (239)				V-B	V-B	V-C				
Hydropoly! (260)										
Introducing Wetlands (71)										
Let the Cattail Out of the Bag (78)										
Life in the Fast Lane (152)			IV-A	IV-C; V-B,C	IV-A; V-B,D					

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for MATHEMATICS - Grades 1-8

Activity Title (page number)	Grade Level								Process	
	1	2	3	4	5	6	7	8	1--5	6--8
Marsh Market (109)										
Marsh Munchies (192)			III-A	III-A	III-A					
Marsh Mystery (116)										
Nature's Filter (250)										
Nature's Recyclers (226)										
Nutrients: Nutrition or Nuisance? (188)										
Over Hill and Dale (220)										
People of the Bog (266)										
Recipe for Trouble (199)										
Regulation Rummy (270)										
Rottin' Experience, A (245)										

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for MATHEMATICS - Grades 1-8

Activity Title (page number)	Grade Level								Process	
	1	2	3	4	5	6	7	8	1--5	6--8
Run for the Border (143)					VI-C	VI-A				III-B
Runoff Race (210)										
Salt Marsh Players (165)										
Soak It Up! (162)										
This Plant Key is All Wet (123)										
Tracking Plants and Keeping Track (138)										
Treatment Plants (120)										
Water Purifiers (215)										
Water Under Foot (204)										
Water We Have Here? (174)			V-B	V-B; VI-A,B	V-B; VI-C	V-C; VI-A				
Wet 'n' Wild (99)										

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for MATHEMATICS - Grades 1-8

Activity Title (page number)	Grade Level								Process	
	1	2	3	4	5	6	7	8	1--5	6--8
Wetland Address (147)										
Wetland Gourmet, The (112)										
Wetland Habitats (87)										
Wetland in a Pan (212)										
Wetland Metaphors (85)										
Wetland Tradeoffs (285)										
Wetland Weirdos (94)										
Wetland Wheel (129)										
Wetlands in the Classroom (80)										
What a Boat! (278)										
Whose Clues? (104)										

# WOW! the Wonders of Wetlands Correlations to PASS Objectives for MATHEMATICS - Grades 9-12

Activity Title (page number)	9-12			Process
	Alg I	Geo	AlgII	9-12
Chrysti the Wordsmith on Wetlands (280)				
Do You Dig Wetland Soil (231)				
Drop in the Bucket, A (158)				
Get Involved! (310)				
Hear Ye! Hear Ye! (253)				
Helping Wetland Habitats (288)				
How Thirsty is the Ground? (239)				
Hydropoly! (260)				
Introducing Wetlands (71)				
Let the Cattail Out of the Bag (78)				
Life in the Fast Lane (152)				

# WOW! the Wonders of Wetlands Correlations to PASS Objectives for MATHEMATICS - Grades 9-12

Activity Title (page number)	9-12			Process
	Alg I	Geo	AlgII	9-12
Marsh Market (109)				
Marsh Munchies (192)				
Marsh Mystery (116)				
Nature's Filter (250)				
Nature's Recyclers (226)				
Nutrients: Nutrition or Nuisance? (188)				
Over Hill and Dale (220)				
People of the Bog (266)				
Recipe for Trouble (199)				
Regulation Rummy (270)				
Rottin' Experience, A (245)				

# WOW! the Wonders of Wetlands Correlations to PASS Objectives for MATHEMATICS - Grades 9-12

Activity Title (page number)	9-12			Process
	Alg I	Geo	AlgII	9-12
Run for the Border (143)				III-B
Runoff Race (210)				
Salt Marsh Players (165)				
Soak It Up! (162)				
This Plant Key is All Wet (123)				
Tracking Plants and Keeping Track (138)				
Treatment Plants (120)				
Water Purifiers (215)				
Water Under Foot (204)				
Water We Have Here? (174)				
Wet 'n' Wild (99)				

# WOW! the Wonders of Wetlands Correlations to PASS Objectives for MATHEMATICS - Grades 9-12

Activity Title (page number)	9-12			Process
	Alg I	Geo	AlgII	9-12
Wetland Address (147)				
Wetland Gourmet, The (112)				
Wetland Habitats (87)				
Wetland in a Pan (212)				
Wetland Metaphors (85)				
Wetland Tradeoffs (285)				
Wetland Weirdos (94)				
Wetland Wheel (129)				
Wetlands in the Classroom (80)				
What a Boat! (278)				
Whose Clues? (104)				

# SCIENCE

## Considerations for Alignment of WOW! the Wonders of Wetlands Activities with PASS Objectives

The Science alignment was based on the following portions listed in the procedure section of each activity: Warm Up, The Activity, Wrap Up and Action.

Background, Extensions and Assessment were not considered in the alignment. Background is considered information for the teacher and not necessarily covered in the activity. Extensions were considered optional, so they were not included in the alignment process. Assessment was considered to be assessment of the content and processes included in the three step Procedure. Therefore, it is assumed that content and skills assessed were previously addressed in the lesson.

Subject Areas, Skills, Charting the Course and Vocabulary as designated in each activity are not drivers for determining alignment. Subject Areas do not always align with those designated in PASS. The same holds true for skills and Vocabulary. Charting the Course may or may not be considered by the teacher when teaching the activity, so it cannot be included as part of the PASS alignment.

As the grade level increases so does the detail of skills. This specificity provided limited alignment with WOW at the middle school and high school grades. WOW aligned more frequently with PASS stated in more general terms.

For purposes of the alignment, data can include observations and information gathered from texts, books and other written resources.

Although safety is a consideration for all the activities, alignment with PASS Safety in the Science Classroom objectives exists only when specifically stated in the activity.

When another activity is referenced as part of the activity under examination, PASS alignment is considered only for the main activity.

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 1-8

Activity Title (page number)	Grade Level		
	1-3	4-5	6-8
Chrysti the Wordsmith on Wetlands (280)			na
Do You Dig Wetland Soil (231)	I-A,C; II-B; III-A,C; IV-A,C; V-B; VII-A; VIII-A,B,C; XI-D; XIV-A	I-A,B; II-A; IV-A,C,D; V-A,B; VII-C,D; XIII-D; XIV-A	II-A,C; III-D; IV-A,C,D,E; V-A,B; VII-C,D; VIII-A
Drop in the Bucket, A (158)			IV-A; V-A; VI-C,D
Get Involved! (310)	V-B; XIII-A; XIV-A	V-B; XII-C,D	V-B; XIII-B; XIV-C,D
Hear Ye! Hear Ye! (253)		XIII-B,C,D	XIII-B; XIV-C,D
Helping Wetland Habitats (288)	I-A; XI-B,C	I-A; XI-A,D	XIV-D; XV-B
How Thirsty is the Ground? (239)	I-A,C; II-B; III-A,C; IV-A,C; VII-A,B; VIII-A,C; XIV-A	I-A,B,C; II-A; IV-A,C,D; V-B; VII-B,C,D; VIII-B	I-A,D; II-A,C; IV-A,C,D,E; V-A; VII-C,D
Hydropoly! (260)		XIII-B,C,D	XIII-B; XIV-C,D
Introducing Wetlands (71)	I-A,C; V-B; VIII-B	I-A,C; V-B; XI-B	II-A,B,C
Let the Cattail Out of the Bag (78)	I-A,C; II-B; V-B; VII-A; VIII-A,B,C; XII-B,C,D	I-A,C; II-A; III-C,D; V-B; VII-C; XI-A,B	II-A,C; IV-A; V-A; VII-D,C; VIII-A
Life in the Fast Lane (152)	I-B; IV-A; V-B; VII-A	I-B; IV-A; V-B; VII-A,C,D; XIII-B	I-C,D; III-C; IV-A; V-A; VII-A,C,D; XIV-C
Marsh Market (109)	I-C; II-B; VII-A; VIII-A,B; XI-A; XIII-A	I-C; II-A; IV-C,D; XI-B; XIII-A,B,C,D	I-A; II-A,C; IV-A,C; V-A; VII-C,D; X-B,C; XIII-B; XIV-C,D

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 1-8

Activity Title (page number)	Grade Level		
	1-3	4-5	6-8
Marsh Munchies (192)		I-A; IV-A,C,D; V-B; VII-A,D; XIII-A,B,C	I-A; IV-A,C,D; V-A; VII-C,D; X-B; XIII-B; XIX-C,D
Marsh Mystery (116)		I-C; II-A; IX-C,D; XI-B; XIII-A,B,C,D	I-A; II-A,C; IV-A,C; V-A; VII-C,D; X-B,C
Nature's Filter (250)	I-A,C; II-B; III-A; VIII-A,B; XIV-A	I-A,C; II-A; IV-D; VII-C,D; VIII-B; XIII-B,D	I-A; II-A,C; III-D; IV-D,E; V-A; VII-C,D; XIV-D
Nature's Recyclers (226)	I-A; II-B; III-A,C; IV-C; V-B; VI-A,B; VII-A,B; VIII-A; XI-B,C,D; XII-A; XIII-C	I-A,C; II-A; IV-C,D; V-B; VI-A,B; VII-C,D; XI-A; XIII-C	I-A; II-A,C; IV-A,C,D,E; V-A; VI-A,B; VII-C,D; XIV-D
Nutrients: Nutrition or Nuisance? (188)	I-A; VII-A; VIII-A; XI-A,C; XIII-C; XIV-A	I-A; IV-C,D; V-B; VII-C,D; VIII-B; XI-A; XIII-B,C,D	I-C; IV-A,C,E,D; V-A
Over Hill and Dale (220)	I-A,C; II-B; III-A,C; V-B; VI-A,B, VII-A; VIII-A; XI-D; XIV-A	I-A,C; II-A; IV-C,D; V-B; VI-A; VII-C,D; VIII-B; IX-B; XIII-B,C,D	I-C; II-A; IV-A,C,D,E; V-A; VI-A; VII-C; IX-A; XIII-B; XIV-D
People of the Bog (266)			I-C,D; IV-A,D,E; XIII-B; XIV-D
Recipe for Trouble (199)		I-A,C; II-A; IV-C,D; V-B; VI-A,D; VII-A,C,D; VIII-B; XIII-A,B,C,D	I-A,C; II-A,B,C; III-C; IV-A,C,D; VI-A,B; VII-A,C,D; VIII-C; XIII-B; XIV-B,C,D
Regulation Rummy (270)			
Rottin' Experience, A (245)	I-A,C; II-A,B; IV-A,C; V-B; VII-A; VIII-A; XI-A,B,C; XIII-C; XIV-A	I-A; III-A,B,C; IV-A,C,D; V-B; VII-A,C,D; VIII-B; XI-A; XIII-B	I-A; III-A,B,C,D,E; IV-A,C,D,E; V-A,B; VII-A,C,D; XIII-B,D
Run for the Border (143)		I-A,C; II-A; IV-A,C,D; V-A,B; VII-D; XI-A,B; XIII-D,C	I-A; II-A,C; VIII-A; IV-A,C,D,E; V-A,B; VII-C,D; XI-C; XIII-B; XIV-D
Runoff Race (210)	I-A,C; III-A; IV-C; V-B; VII-A; VIII-A,C; XI-C; XIV-A	I-A,C; IV-C,D; V-B; VII-A,C,D; VIII-B; XI-A; XII-D	I-C; IV-A,C,D,E; V-A; VII-C,D; VIII-A; IX-B; XIV-C,D

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 1-8

Activity Title (page number)	Grade Level		
	1-3	4-5	6-8
Salt Marsh Players (165)	XI-B,C	XI-A	
Soak It Up! (162)	I-A; II-A,B; III-A; IV-C; V-B; VII-A; VIII-A; XIV-A	I-A,C; II-A; IV-C,D; V-B; VII-C,D; VIII-B; XVI-B	I-A,C; II-A,C; IV-C; VII-C,D; XVII-D
This Plant Key is All Wet (123)	I-A,C; II-A,B; III-C; V-B; VII-A; VIII-A,B; XI-D	I-A,C; II-A; IV-C,D	I-A; II-A,B,C; VII-C,D
Tracking Plants and Keeping Track (138)		I-A,C; II-A; IV-A,D; V-A,B; VII-C,D; VIII-C	I-A; II-A,C; IV-A,C,D; V-A,B; VII-C,D
Treatment Plants (120)	I-A; V-B; VII-A; VIII-A; XI-B,C	I-A; VIII-B; XIII-B,C,D	I-A; V-A; VII-D; XI-C; XIII-B; XIV-D
Water Purifiers (215)			I-C; III-A,D; IV-A,C,D; V-A; VI-C,D; VIII-A,D
Water Under Foot (204)		I-A; IV-C,D; V-B; VII-A,C,D; VIII-B; XIII-B,D	I-C; IV-A,C,D,E; V-A; VII-C,D; XIII-B; XIV-B,C,D; XVII-D
Water We Have Here? (174)		I-C,D; II-A,C; III-A; IV-A,C,D; V-A; VII-C,D; VIII-C; IX-A; XIII-B; XIV-B	I-A,B,C; II-A; III-A; IV-A; V-B; VII-B,C,D; VIII-A,B; IX-B; XIII-B,D
Wet 'n' Wild (99)	I-A; II-B; V-A; VI-A; VII-A,B; XI-A,B,C,D	I-A; IV-D; V-B; VI-A; VII-D; XI-A,B; XIII-D;	I-A; II-A,C; IV-A; V-A; VI-A; XIV-C,D; XV-B
Wetland Address (147)		XI-A; II-A	XIII-B
Wetland Gourmet, The (112)	I-B,C; II-B; VIII-C	I-A,B; II-A; IV-D	I-A,D; II-A,C; V-A
Wetland Habitats (87)			I-A; II-A,C; IV-A; VII-C,D; XV-A

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 1-8

Activity Title (page number)	Grade Level		
	1-3	4-5	6-8
Wetland in a Pan (212)	I-A,C; III-A; IV-C; V-B; VII-A; VII-A; XI-A,D;	I-A,C,D; II-C,D; V-B; VII-C,D; VIII-B; XIII-B,C,D	I-C; IV-A,C,D,E; V-A; VII-C,D; VIII-B; XIII-B; XIV-B,C,D
Wetland Metaphors (85)	I-C; II-B; V-A; VII-A;	I-C; II-A; V-A; VII-A	I-A; II-A
Wetland Tradeoffs (285)			
Wetland Weirdos (94)		I-A,C; IV-D; VII-C,D; XI-A; XII-B	I-A,C; IIC; IV-A; V-A; VII-C; XI-C; XII-B,C; XV-B
Wetland Wheel (129)		I-A,C; II-A; IV-C,D; XI-B	I-A; II-A,C; IV-E; VII-C,D
Wetlands in the Classroom (80)	I-A,C; II-A,B; XI-B,C	I-A,C; II-A; XI-C; XIII-B; XIV-D	II-A,C; XI-A,B; XIII-C
What a Boat! (278)	I-A; III-A,B; V-B; VII-A; VIII-A,C; XIII-A	I-A; III-C; IV-D; V-B; VII-C; XIII-C	
Whose Clues? (104)	I-A,B,C; II-B; III-A,B,C; IV-C; V-A; VII-A,B; VIII-A,B; XI-D; XIII-C	I-A,B,C; II-B; III-A; IV-C,D; V-B; VII-A; XI-C	I-A,D; II-A,C; III-A; IV-A,C; VII-C,D; XI-C; XV-C

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 9-12

Activity Title (page number)	9-12				
	Process	Physical Science	Biology	Chemistry	Physics
Chrysti the Wordsmith on Wetlands (280)					
Do You Dig Wetland Soil (231)	I-A; II-A,C; IV-A,B,E,F,G,H; V-B,C; VIII-D				
Drop in the Bucket, A (158)					
Get Involved! (310)			XII-C		
Hear Ye! Hear Ye! (253)			XI-C; XIV-A		
Helping Wetland Habitats (288)			XII-C		
How Thirsty is the Ground? (239)	I-A,C,D; II-A,C; IV-A,B,E,F,G,H; V-A; VI-B,C; VII-D				
Hydropoly! (260)			XII-C		
Introducing Wetlands (71)	I-A; II-A,C; V-A; VI-C				
Let the Cattail Out of the Bag (78)					
Life in the Fast Lane (152)					

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 9-12

Activity Title (page number)	9-12				
	Process	Physical Science	Biology	Chemistry	Physics
Marsh Market (109)	I-A; II-A,C; IV-A; VI-C; VIII-D		XII-A,B,C; XIII-A,B; XIV-A		
Marsh Munchies (192)					
Marsh Mystery (116)	I-A; IIA,C; IV-A; VI-C; VIII-D		XII-A,B,C; XIII-A,B; XIV-A		
Nature's Filter (250)	I-A,C; II-A,C; III-D; IV-A,E,F,G,H; V-B; VI-C; VIII-D				
Nature's Recyclers (226)					
Nutrients: Nutrition or Nuisance? (188)					
Over Hill and Dale (220)	I-C; II-A; IV-A,E,F,G,H; V-B; VI-C; VII-A; VIII-D		XII-A,C; XIV-A		
People of the Bog (266)	I-C; IV-A,B,E,F,G,H; V-A; VI-C		XI-B		
Recipe for Trouble (199)	I-A,C; II-A,C; III-B; IV-A,B,E,G,H; VI-C; VII-A,B; VIII-D		XI-C; XII-C; XIX-A		
Regulation Rummy (270)			XI-C; XII-C; XIV-A		
Rottin' Experience, A (245)	I-A; III-A,B,D; IV-A,B,E,F,G,H; V-B; VI-B,C; VIII-A,B,D		XIV-A		

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 9-12

Activity Title (page number)	9-12				
	Process	Physical Science	Biology	Chemistry	Physics
Run for the Border (143)	I-A; II-A,C; IV-A,B,E,G,H; V-B,C; VIII-D; XI-A		XI-A; XIII-A		
Runoff Race (210)	I-C; IV-A,E,F,G,H; V-B; VI-A,C; VIII-D		XII-C; XIV-A		
Salt Marsh Players (165)					
Soak It Up! (162)	I-A,C; II-A,C; IV-A,H; VI-C; VIII-D				
This Plant Key is All Wet (123)	I-A, II-A,C; III-D; IV-E,F,G,H				
Tracking Plants and Keeping Track (138)	I-A; II-A,C; IV-A,B,F,H; V-C				
Treatment Plants (120)	I-A,C; VI-D		IX-A; XII-C		
Water Purifiers (215)	I-A,C,D; IV-E,F,G,H; V-A; VI-B,C; VIII-A,D	XII-A	XII-A		
Water Under Foot (204)	I-C; IV-A,B,E,F,G,H; V-B; VI-C; VIII-D		XI-C; XIV-A		
Water We Have Here? (174)	I-A,D; II-A,C; III-C; IV-A,B,H; V-D; VII-C,D; VIII-C,D; XIII-B; XIV-B,C,D		XII-A; XIV-A	IX-D; X-B,C	
Wet 'n' Wild (99)	I-A; II-A,C; IV-A,B; V-A; VI-C		XI-B; XII-C; XIV-A,B		

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SCIENCE - Grades 9-12

Activity Title (page number)	9-12				
	Process	Physical Science	Biology	Chemistry	Physics
Wetland Address (147)					
Wetland Gourmet, The (112)	I-A,D; II-A,C; V-C				
Wetland Habitats (87)	I-A; II-A,C; IV-A,B; V-A; VI-C				
Wetland in a Pan (212)	I-A,C; IV-A,B,E,F,G,H; V-B; IV-B,E,F,G,H; V-B; VI-C; VIII-D		XIV-A		
Wetland Metaphors (85)	I-A; II-A,C; V-A; VI-C				
Wetland Tradeoffs (285)	V-B				
Wetland Weirdos (94)	I-A; II-C; IV-B; V-A; VIII-D		XI-B; XIV-A,B		
Wetland Wheel (129)	I-A; II-A,C; IV-A,E,F,G,H; V-B; VI-B,C				
Wetlands in the Classroom (80)					
What a Boat! (278)					
Whose Clues? (104)	I-A,D; II-A,C; III-D; IV-A,B,E,F,G,H; V-B; VIII-D		XI-B		

# **SOCIAL STUDIES**

## **Considerations for Alignment of WOW! the Wonders of Wetlands Activities with PASS Objectives**

The Social Studies alignment was based on the following portions of each activity: Warm Up, The Activity, Wrap Up, Action, Extension and Assessment.

Background sections were consulted to see what information might be included. This was assessed for PASS alignment based on the overall theme/tone of the activity. While not all teachers would use the background information in the same ways, assessment still looked at this to provide possible Social Studies integration, in the hopes that the broadest possible use of WOW! the Wonders of Wetlands would be seen.

Some activities state Geography or History connections that were not contained within the PASS objectives, due to their more specific nature. These activities were not used for Social Studies PASS alignment, even though they clearly contained Social Studies integration.

If PASS objectives had several components and the activity met part or one of the components, it was considered to in alignment. At times, the more general objective met the alignment while specific subsequent components did not. In these cases, the corresponding letter for the general objective was listed without the components.

Middle school and high school levels, while not grade specific, were broken down into different disciplines, such as US History, World Geography, etc.

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for SOCIAL STUDIES - Grades 1-8

Activity Title (page number)	Grade level		Grades 6-8			
	1-3	4-5	Civics	US History	World Cultural History	World Geography
Chrysti the Wordsmith on Wetlands (280)					II-B	
Do You Dig Wetland Soil (231)						
Drop in the Bucket, A (158)						I-A,B,D; IV-B,C,D; V-A
Get Involved! (310)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>			
Hear Ye! Hear Ye! (253)		gr.5:I-A1,2; B2; II-A,B,C	II-A; V-F; VII; VIII; X		VI	I-A,D; IV-B,D; V-A
Helping Wetland Habitats (288)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>			
How Thirsty is the Ground? (239)						
Hydropoly! (260)		gr.4:I-A1,2; II-B; IV-A gr.5:I-A2; B2; II-A; IV-D	II-A,B; VII; VIII; X		IV-B; VI	IV-B,C,D; V-A,B,D
Introducing Wetlands (71)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>			
Let the Cattail Out of the Bag (78)						
Life in the Fast Lane (152)		gr.4:I-A2, C2 gr.5:I-B2				I-B,D; II-B

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SOCIAL STUDIES - Grades 1-8

Activity Title (page number)	Grade level		Grades 6-8			
	1-3	4-5	Civics	US History	World Cultural History	World Geography
Marsh Market (109)	gr.2:IV-A; gr.3:IV-A,B	gr.4: IV-A				V-A
Marsh Munchies (192)						
Marsh Mystery (116)		gr.5: I-A2	X			IV-B,C,D
Nature's Filter (250)						
Nature's Recyclers (226)						
Nutrients: Nutrition or Nuisance? (188)						
Over Hill and Dale (220)		gr.5:I-B2, C2				I-B; II-B
People of the Bog (266)					IV-C	IV-D
Recipe for Trouble (199)		gr.4:I-A1; gr.5:I-A2; B2				IV-C,D
Regulation Rummy (270)						
Rottin' Experience, A (245)						

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for SOCIAL STUDIES - Grades 1-8

Activity Title (page number)	Grade level		Grades 6-8			
	1-3	4-5	Civics	US History	World Cultural History	World Geography
Run for the Border (143)						
Runoff Race (210)						
Salt Marsh Players (165)						
Soak It Up! (162)						
This Plant Key is All Wet (123)						
Tracking Plants and Keeping Track (138)					VI	I-A
Treatment Plants (120)	gr.3:IV-C	gr.4:I-A1,2 gr.5:I-A2; B2	X		VI	IV-B,C,D
Water Purifiers (215)					VI	I-D; IV-C
Water Under Foot (204)		gr.4:I-A1; gr.5:I-A2; B2				IV-C,D
Water We Have Here? (174)		gr.5:I-A2; B2				IV-C,D; V-A
Wet 'n' Wild (99)						

# WOW! the Wonders of Wetlands Correlation to PASS Objectives for SOCIAL STUDIES - Grades 1-8

Activity Title (page number)	Grade level		Grades 6-8			
	1-3	4-5	Civics	US History	World Cultural History	World Geography
Wetland Address (147)						
Wetland Gourmet, The (112)						
Wetland Habitats (87)						I-B,D
Wetland in a Pan (212)	gr.3:I-A1	gr.4:I-A1; gr.5:I-A2; B2				IV-C,D
Wetland Metaphors (85)	gr.1:I-C2; gr.2:I-C3; gr.3:I-A1	gr.4:I-a1,2; gr.5:I-A2, B2				IV-C,D
Wetland Tradeoffs (285)			VIII			V-B,D
Wetland Weirdos (94)						
Wetland Wheel (129)						
Wetlands in the Classroom (80)	gr.2:I-C1; gr.3 I-C5	gr.4:I-C2				
What a Boat! (278)	gr.1:I-A1; IV-A; gr.2:I-A2; IV-A; gr.3:IV-B,C	gr.4:I-A2; IV-A;				
Whose Clues? (104)						

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SOCIAL STUDIES - Grades 9-12

Activity Title (page number)	Grades 9-12			
	Government	US History	World Geography	World History
Chrysti the Wordsmith on Wetlands (280)			III-A; IV-E; VIII-A,B	
Do You Dig Wetland Soil (231)				
Drop in the Bucket, A (158)				
Get Involved! (310)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>
Hear Ye! Hear Ye! (253)	I; III-B; V-A,D,F; IX; XI; XVI-A,D		IX-B	
Helping Wetland Habitats (288)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>
How Thirsty is the Ground? (239)				
Hydropoly! (260)	I, III-A,B; IX; XI; XVI-A,D; IV:B,C,D,E; IX:B,D			
Introducing Wetlands (71)	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>	<i>Activity Dependent</i>
Let the Cattail Out of the Bag (78)				
Life in the Fast Lane (152)				

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SOCIAL STUDIES - Grades 9-12

Activity Title (page number)	Grades 9-12			
	Government	US History	World Geography	World History
Marsh Market (109)				
Marsh Munchies (192)				
Marsh Mystery (116)			IV-B,C,D; IX-B	
Nature's Filter (250)				
Nature's Recyclers (226)				
Nutrients: Nutrition or Nuisance? (188)				
Over Hill and Dale (220)			I-C; II-C,D,E; IX-B	
People of the Bog (266)			IV-D	
Recipe for Trouble (199)			IV-C,D; IX-B	
Regulation Rummy (270)	I, III-A,B; IV; IX; XI; XII-D,E; XVI-A		IV-B,C,D,E; IX-V	
Rottin' Experience, A (245)				

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SOCIAL STUDIES - Grades 9-12

Activity Title (page number)	Grades 9-12			
	Government	US History	World Geography	World History
Run for the Border (143)				
Runoff Race (210)				
Salt Marsh Players (165)				
Soak It Up! (162)				
This Plant Key is All Wet (123)				
Tracking Plants and Keeping Track (138)			I-A,B; IX-B	
Treatment Plants (120)			IV-B,C,D; IX-B	
Water Purifiers (215)			I-A; IV-B,C; IX-B	
Water Under Foot (204)			IV-C,D; IX-B	
Water We Have Here? (174)			IV-C,D; IX-B	
Wet 'n' Wild (99)				

# WOW! the Wonders of Wetlands

## Correlation to PASS Objectives for SOCIAL STUDIES - Grades 9-12

Activity Title (page number)	Grades 9-12			
	Government	US History	World Geography	World History
Wetland Address (147)				
Wetland Gourmet, The (112)				
Wetland Habitats (87)			I-B; II-D; IX-B	
Wetland in a Pan (212)			IV-C,D; IX-B	
Wetland Metaphors (85)			IV-B,C,D; IX-B	
Wetland Tradeoffs (285)	IX; XI	XIV	IX-B,D	
Wetland Weirdos (94)				
Wetland Wheel (129)				
Wetlands in the Classroom (80)				
What a Boat! (278)				
Whose Clues? (104)				