

## Alignment to New York State Science Standards

*The alignment of the remainder of the activities listed is forthcoming.*

Activity	Grades	Standards	Elementary	Intermediate	Commencement
<b>Great Lakes Overview</b>					
How big is a crowd?	6-10	MST 4 LE:7.1a, 7.1b, 7.1c; MST 7.1; SS 3.1;			MST 1.1, 4 LE:7
How well do you know the GL?	6-10	MST 3: 2.R.5, 3.R.8, 4.R.8;			MST 4 PS: 3; MST 4 LE: 1, 6, 7
Where should I relocate in the GL region?	6-10				MST 1.1, 1.3; MST 4 PS: 1, 2; MST 4 LE: 6, 7
200 Years of Change	4-8				
Ojibway-Early Immigrants to the Great Lakes Region	4-8				
Great Lakes, Great Careers	4-8	CDOS 1.1, 2.1			
<b>Life in the Water</b>					
Don't Stop for Hitchhikers!	4-8				
Where Have all the Lake Trout Gone?	6-10				
Who can harvest a walleye?	6-10	MST 4 LE: 6.1a, 6.1b, 6.1c, 7.1a, 7.1b, 7.1c; MST 7.1			MST 4 LE: 1, 6, 7
What are the characteristics of some GL fish?	6-10	MST 4 LE: 3.2a, 3.2b, 3.1a, 6.1b, 6.1c			MST 4 LE: 3, 6
<b>Habitats</b>					
What is the ecological role of an estuary?	6-10				MST 4 PS: 2; MST 4 LE: 1, 6, 7
Seeing Purple: A Population Explosion	4-8	MST 4 LE: 5.1a, 3.1c, 6.1e, 6.1f			
Hydropoly: A Decision-Making Game	4-8	MST 4 LE: 7.1a, 7.1b, 7.1c; MST 7.1, 7.2; SS 4.2			
Wetland in a Pan	4-8	MST 4 LE: 1.1a, 5.2f, 5.2g, 7.1a, 7.1b, 7.1c; MST 4 PS: 2.1d, 3.1g			
<b>Climate &amp; Weather</b>					
How do the Great Lakes Modify the Growing Season	6-10				

Snowmaking- Great Lakes Style	6-10	MST 4 PS: 1.1a, 2.1a, 2.1b, 2.1c		
How does the temperature of the GL change over time?	6-10	MST 4 PS: 1.1; MST 1.1, 2.1		MST 1.1, 1.2, 1.3; MST 4 PS: 1, 2
Great Lakes Triangle set of 3 activities.	6-10	MST 1.1; MST 3: 3.CM.5, 4.CM.5;		MST 1.1, 1.2, 1.3; MST 4 PS: 1, 2
What happens to heat energy reaching the Great Lakes?	6-10	MST 4 PS: 4.1a, 4.1b, 4.1c, 4.1d, 4.2a		MST 1.3; MST 4 PS: 2, 3, 4
<b>Hydrology</b>				
Your Great Lake	4-8	MST 1.3, MST 7.2		
More than Just a Lake	4-8	MST 4 PS: 2.1b, 2.1c, 2.1d		
How does stratification affect water quality?	6-10	MST 4 LE: 1.1a, 1.1b, 7.1a, 7.1b, 7.1c; MST 4 PS: 1.1a, 3.2b, 3.2c		MST 1.3; MST 4 LE: 1, 6, 7
Making Great (Lakes) Connections	4-8			
Water Quantity	4-8			
<b>Coastal Processes</b>				
How did rocks and rivers shape the Great Lakes?	6-10	MST 4 PS: 2.1d; SS3.1		MST 1.1, MST 4 PS: 2, 3
What evidence of glaciation exists in the GL?	6-10			MST 1.1, MST 4 PS: 2, 3; MST 4 LE: 1, 6, 7
How fast can a shoreline change? How much land is lost?	6-10	MST 4 PS: 2.1d, 3.2c; MST 7.1		MST 1.1, 1.3; MST 4 PS: 1, 2, 3; MST 4 LE: 7
Indoor Dunes	4-10			
<b>Issues</b>				
Rival for Survival	4-8	MST 4 LE: 1.1, 3.1a, 7.1c; MST 7.1		
Beach Mysteries	4-10	MST 4 LE: 7.1a, 7.1b, 7.1c; MST 7.1; ELA 4 W3; SS 3.1;		
Exotic Puzzle - Title: What are the Characteristics of the Great Lakes Exotic Species?	6-8	MST 4 LE: 3.2a, 3.2b		
Invader Species of the Great Lakes (From GLEP)	4-8	MST 1SI1; MST 3 LE: 5.1b, 5.2a, 5.2b, 5.2e, 6.1b, 6.1f		
Where do the toxins go [internal, external]	6-10	MST 4 LE: 5.2b, 5.2g, 5.3a, 5.3b, 6.1c		MST 4 LE: 1, 6, 7

Is the globe warming? Is there evidence in the Great Lakes region?	6-10	MST 3: 2.S.4, 2.S.5, 3.S.7, 3.S.8, 4.S.3, 4.S.4, 4.S.5, 4.S.6		
Which Fish Can We Eat?	6-10	MST 4 LE: 7.1a, 7.1b, 7.1c; MST 7.1		MST 4 LE: 1, 6, 7
Whose Water?	6-10			