WATERSHED LAB DIRECTIONS:

MAP 1: MISSISSIPPI WATERSHED: (Use the 'USGS Streamer' website & Watershed Google Slides!)

at the top arrow to show north. Clockwise, add the letters E, S, & W to indicate the directions east, south, and west.
2. Using a green colored pencil, carefully outline the <u>Mississippi Watershed</u> on your map by following the dashed line. Write "watershed boundary" neatly along this line.
3. Using a blue colored pencil, carefully highlight the <u>Mississippi River</u> ; neatly label it. Use the 'Interactive Watershed Map' to help you!
4. Where does the Mississippi River start? Mark that place with a blue dot.
5. 'Search' and find Los Angeles, California on your map. Mark that place with a red dot. Is this river route within the 'Mississippi Watershed'?
6. Highlight the Minnesota River with a yellow colored pencil, highlight the Missouri River with a brown colored pencil, and the Ohio River in an orange colored pencil. Label each river.
7. Using other colors, neatly highlight at least two other rivers on the map that are tributaries to the Mississippi; label each river.
8. At what city does the Missouri River meet the Mississippi River? Mark this place with a pink dot on the map.
9. Make a "key" on your map to indicate what each colored line and dot represents.
10. Lay a string along the river, following all the river's curves; mark the string to the length of the river. Use the scale of miles at the bottom of the map to find the approximate length of the Mississippi River.
 a miles = length of Mississippi River b. Look up the actual length of the Mississippi River miles c. How close was your answer? Why is it not exact?
11. Generally, which direction does the Mississippi flow?
12. Label the body of water that the Mississippi River flows into on your map.
13. What tributary (stream or river) of the Mississippi River is your Highland Middle School closest to?
14. Name the states that have land along the Mississippi River. Write their two-letter postal code abbreviations (example: OH) on each of those states on your map.
15. Use a pencil to darken the state boundary lines inside the Mississippi Watershed area. How many states do you count that contribute water into the Mississippi River?
16. Look at your map and notice that all rivers DO NOT flow down or south on the map! This is a common error people think. However, all rivers do flow downhill to areas of lower elevation. Areas of lower elevation could be heading north, south, east, or west. On your map find a river that flows in each of the directions. Write it on your lab sheet.

MAP 2: GREAT LAKES WATERSH	(Use the 'USGS Streamer' website & Watershed Google Slides!)
17. Label the five Great Lakes on the	e map.
	tal divide' using a green colored pencil. Use the website to help. [Note: A undary between watersheds. One one side of the divide, water will flow a de of the divide.]
19. In what direction does the wate	r flow North of the continental divide? South of the continental divide?
20. Locate and label the Cuyahoga F	River in red, Sandusky River in blue, and the Maumee River in yellow.
21. How many states are included in	the Great Lakes Watershed and drain water into the Great Lakes?
eventually end up. List the tributaries	of water that enters the West Branch Rocky River near Medina, Ohio will (streams & rivers) and bodies of water (lakes or oceans) is travels along while on Lake Erie. Note how Lake Erie is connect to other lakes that eventually lead out
	o represent where Highland Middle School is located. Is HMS located in the Great North towards the Great Lakes. Or, is HMS located in the Mississippi Watershed,
	o the main watersheds and help to transfer water into and out of the area near (6) and near your home (zip code ?????).
Surf Your V	Vatershed
	ovided simple access to a rich collection of watershed information since its release more than 20 years ago. ssioned because of technology migration and related security issues.
	rently in development, with an expected released date of Fall 2018. <i>How's My Waterway?, Version 2</i> , will int and expand relevant watershed information. Please watch this page for periodic updates on How's My
 River Network: River Network is a nonprof local impact and healthier thousands of organizations 	e web sites listed below provide a wide variety of watershed related information: it connecting nearly 6,000 water-focused organizations, agencies, businesses, and communities for greater rivers across the U.S. Its project "Who is Protecting your Water?" will offer an interactive, searchable map of s, agencies, and indigenous communities protecting water across the U.S. This website performs a role site Adopt Your Watershed.
 How's My Waterway? Versio This website offers a 10 by 	n 1.0: https://watersgeo.epa.gov/mywaterway/ 10-mile search box through which users can learn the condition of local streams, lakes and other waters I language, and what's being done. Map and list formats are available. Version 2.0 will replace this website
Watershed Index Online: http://doi.org/10.1001	ps://www.epa.gov/wsio
Use the website: surf your wat	ershed (https://www.epa.gov/waterdata/surf-your-watershed)
'How's my watershe	ed' link,
'choose a location'	button,
enter zip code, ther	n select 'go',
select 'view map' to	
-	check the location,