# Brief Description: This activity takes students through a self-guided presentation to learn about watersheds and the qualities of rivers found throughout North Carolina. The activity covers these questions:

***Water Quality*Distance Learning – Middle School Activity**

**Healthy NC Water**

What is a watershed?

What are qualities of rivers and streams in the mountains, piedmont, and coastal plain?

How is a river impacted by humans?

How can I share my observations of my local stream or river to a statewide map?

# Specific Instruction

1. Students will complete self-guided Nearpod presentation.
2. Students will answer comprehension questions based on the presentation.

# Standards Correlation

6.L.2.3: Summarize how the abiotic factors (such as temperature, water, sunlight, and soil quality) of biomes (freshwater, marine, forest, grasslands, desert, Tundra) affect the ability of organisms to grow, survive and/or create their own food through photosynthesis.

8.E.1.1: Explain the structure of the hydrosphere including: Water distribution on earth, Local river basins and water availability

8.E.1.3: Predict the safety and potability of water supplies in North Carolina based on physical and biological factors, including: Temperature, Dissolved oxygen, pH, Nitrates and phosphates, Turbidity, Bio-indicators

# For More Information: You have options to assign your students additional exercises with this activity:

1. Write 5-6 sentences about what your nearby stream. Try to use the following words in your description:

Mountain, Valley, River, Lake, Erosion

1. Record a video to describe your river or stream.
2. Create a dance to demonstrate how the water flows down the stream. Record a video of your dance and share it with your teacher!
3. Complete the Student Copy Sheet: NC Water Resources Review