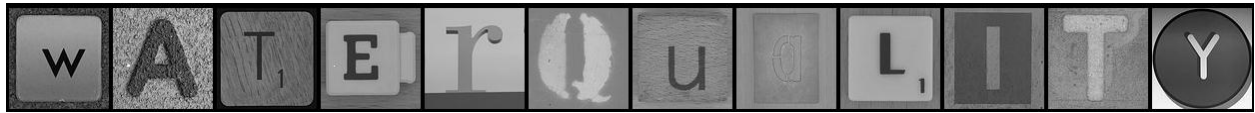


Pre-Activity:

Before attending Michigan International Speedway for your field trip, the following discussion topics may help prepare your students for the water quality activity:

- Who depends on healthy water sources?
- What is water quality?
- How does water quality affect people?
- How does water quality affect the environment?
- Do you know any tests for good water quality?
- What does it mean to be polluted?
- What can pollute water?
- Where do pollutants come from that impact water quality?
- Can a polluted water source still harm you even if you cannot see or smell the pollutants?
- What can we do to protect the health of fresh water sources?



Post activity:

The following scenario is for students after they have learned about chemicals and contaminants that affect water quality in water sources near us.

You are a worried citizen living in a farm town. This town is along a medium sized river. The river is used for fun purposes. You have noticed that the farming and personal uses of the water has begun to pollute the streams. Make a summary of your area's pollution problem to show to the city council. Create a plan for your city that will let the water be used, but will also help the pollution problem.

During this investigation, the students will need to identify the problem, explore possible solutions, and then, based on what they have decided as being the best solution for this issue, they will recommend an action plan to the rest of the class to address the environmental issue of this water source.

The scenario can be on cards that are given to each team, or it can be on the board, a flip chart, or projected to share the information.