

Clean Water & Sanitation Unit

Standards Addressed:

- **RI.1:** Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- **W.5:** Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
- **W.6:** Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.

Objective: Conduct research and find evidence using multiple print/digital sources to answer the essential questions:

- **What are the UN Sustainable Development Goals?**
- **What is the SDG 6 Clean Water and Sanitation and what steps are being taken to achieve this goal?**
- **What are the challenges in achieving SDG 6 - clean water and sanitation for all?**
- **How can we solve water and sanitation problems?**

SDG 6 - Clean Water and Sanitation Targets:

- Target 6.1: Safe and Affordable Drinking Water
- Target 6.2: End open defecation and provide access to sanitation and hygiene
- Target 6.3: Improve water quality, wastewater treatment and safe reuse
- Target 6.4: Increase water-use efficiency and ensure freshwater supplies
- Target 6.5: Implement integrated water resources management
- Target 6.6: Protect and restore water-related ecosystems
- Target 6.7: Expand water and sanitation support to developing countries
- Target 6.8: Support local engagement in water and sanitation management

The questions in the table below require your written opinion, cited facts from reliable sources to support your opinion, and the MLA citation for the sources used. You can use multiple sources for each question, you just need to make sure your parenthetical citations are correct and you include a citation for each source in the last column.

There are resources available in the [SDG 6 Stations Activity](#), but you will need to use the databases as well:

- [Wake Tech Databases](#) (highly recommend Points of View Database)
- [WCPSS Databases](#) - EBSCO and Britannica (you can also access Points of View here)
- Google - try using the Google search restriction of site:edu and site:gov to limit your search results to .edu and .gov websites or Google Scholar.
- Try local government news and websites as well.
 - WRAL, Raleigh News and World Observer, ABC-11, governor.nc.org
 - For example, I found the following two articles:
 - [WRAL Article about the recent oil spill into a creek](#)
 - [Governor Press Release about NC Water and Wastewater Funding Project](#)
 - You may also use books, such as the Long Walk to Water. There are also some good resources that I can't provide in school: Netflix's "Inside Bill Gates' Brain" episode 1, and the documentary "The Devil We Know" which you can find on Youtube.

Use the reliable resources, interviews/panel discussions, and your own opinions to answer the following questions.

<p>Team Name:</p> <p>Team Members:</p> <p>Also, please write your name NEXT TO every opinion or fact you added to the document. Each person should contribute at least one opinion and fact to EACH question.</p>			
<p>Question</p>	<p>Your Opinion Explained Thoroughly/Formally (avoid using a conversational tone - write as if you are creating an academic argument)</p>	<p>Quoted Research to Support Opinion (must have parenthetical citations - last name of author OR "title of article" <i>if no author</i>)</p>	<p>MLA Citation for Source (see examples to check accuracy)</p>
<p>Opening Round Robin - yes, cite research:</p> <p>What do you think is the most pressing or important issue that needs to be addressed with clean water and sanitation? Be specific and identify a particular place, issue or concern that exists either locally, nationally or globally.</p>			
<p>1. What are the challenges in achieving safe, equitable and affordable drinking water for all? (Target 6.1)</p> <p>Research and consider local, state, national and/or global challenges. Maybe choose one particular country to focus on.</p>			

<p>2. What are the challenges in achieving equitable access to sanitation and hygiene, and ending open defecation? (Target 6.2)</p> <p>Consider local, state, national and global challenges. Maybe choose one particular country to focus on.</p>			
<p>3. How can we improve water quality by the year 2030? Research the challenges and solutions for reducing pollution, eliminating dumping, treating wastewater, and increasing recycling. (Target 6.3)</p>			
<p>4. What is the problem with freshwater supplies? What measures have countries taken to increase water use efficiency and address water scarcity? (Target 6.4)</p>			
<p>5. What is integrated water resources management? How are countries ensuring social equity, economic efficiency, and ecological</p>			

<p>sustainability across transboundary basins? (Target 6.5)</p>			
<p>6. What water-related ecosystems are in danger in the world, and why? What measures are being taken to protect and restore water-related ecosystems? (Target 6.6)</p>			
<p>7. What international cooperation or efforts are being made to support developing countries in water- and sanitation-related activities? (Target 6.7)</p> <p>You may choose to just research one particular country.</p>			
<p>8. In the U.S., what issues or challenges has the country faced with clean water and sanitation? Explain and identify specific cases. (Target 6.8)</p>			
<p>9. In North Carolina, what issues or challenges has the state faced with clean water and sanitation? Explain and identify</p>			

specific cases. (Target 6.8)			
10. On the local level, what can the community - both leaders and citizens such as yourself do to ensure sustainable clean water and sanitation for all? Find specific examples from your research. (Target 6.8)			
<p>Closing Questions - yes cite research:</p> <p>What is the most important solution to put into place in order to improve water and sanitation in the world?</p> <p>What are some of the most important things individuals (such as yourself) can do to improve water and sanitation issues?</p>			