

The Water Princess Data Interpretation - Student Handout

PART 1:

Answer the following questions using Figure 1: Trends in access to water and sanitation services, 2000-2020 (% of global population).

1. Identify which category of water had the highest number of people in 2000.

2. Identify which category of sanitation had the lowest number of people in 2020.

3. Calculate the percentage difference between unimproved water access in 2000 vs 2020.

4. Calculate how many people your answer for question 3 represents.

5. State which categories decreased from 2000 to 2020.

6. State which categories increased.

7. State whether water or sanitation access is improving the most. Justify your answer using the data from Figure 1.

PART 2:

Answer the following questions using both Figure 1 and Figure 2.

8. How are percentage difference and percentage change different?

9. Using Figure 1, calculate the percentage difference for:

- limited water: _____
- limited sanitation: _____

10. Using Figure 2, state the percentage change for:

- limited water: _____
- limited sanitation: _____

11. Using data from both figures, discuss the claim that limited water access has improved more than limited access to sanitation.
