

Introduction to the Water Cycle

Read the following introduction and answer the questions:

Welcome to the Water Cycle and Sources of Fresh Water worksheet! This activity is designed to help you learn about the different stages of the water cycle and the various sources of fresh water. By completing this worksheet, you will gain a deeper understanding of the importance of water conservation and the role you can play in protecting this vital resource.

1. What is the main purpose of this worksheet?

2. What will you learn about by completing this worksheet?

Water Cycle Diagram

Draw a diagram of the water cycle, labeling the different stages: evaporation, condensation, precipitation, and infiltration.

[Space for diagram]

Describe each stage of the water cycle in your own words.

1. Evaporation:

2. Condensation:

3. Precipitation:

4. Infiltration:

Sources of Fresh Water

List the different sources of fresh water: rivers, lakes, groundwater, and glaciers.

- Rivers:

- Lakes:

- Groundwater:

- Glaciers:

Describe the characteristics and importance of each source of fresh water.

1. Rivers:

2. Lakes:

3. Groundwater:

4. Glaciers:

Water Conservation

What is water conservation, and why is it important?

List three ways you can conserve water in your daily life.

1.

2.

3.

Water Cycle Matching

Match the following words with their definitions:

Word	Definition
Evaporation	
Condensation	
Precipitation	
Infiltration	

Water Cycle Sequencing

Put the following stages of the water cycle in order:

1.

2.

3.

4.

The stages are: evaporation, condensation, precipitation, and infiltration.

Fresh Water Source Sorting

Sort the following sources of fresh water into categories:

Source	Category
River	
Lake	
Groundwater	
Glacier	
Ocean	

Water Conservation Plan

Create a plan to reduce water waste at home, including:

1. Specific actions you can take:

2. Ways to conserve water in your daily life:

Water Cycle Word Search

Find the following words related to the water cycle:

E	V	A	P	O	R	A	T	I	O	N
C	O	N	D	E	N	S	A	T	I	O
P	R	E	C	I	P	I	T	A	T	I
I	N	F	I	L	T	R	A	T	I	O
W	A	T	E	R	C	Y	C	L	E	A

The words to find are: evaporation, condensation, precipitation, infiltration, water, and cycle.

Water Conservation Quiz

Answer the following questions:

1. What is the main cause of water pollution?

2. What is the importance of water conservation?

3. How can you conserve water in your daily life?

Conclusion

Reflect on what you have learned about the water cycle and sources of fresh water.

How can you apply this knowledge to your daily life to conserve water and protect this vital resource?

Assessment Rubric

The assessment rubric for this worksheet is as follows:

- Completion of activities: 40 points
- Accuracy of answers: 30 points
- Depth of understanding: 30 points

Extension Activity

Create a public service announcement about water conservation, including ways to reduce water waste and protect water sources.

[Space for announcement]

