



Introduction to the Water Cycle (10 minutes)

Watch the video on the water cycle and answer the following questions:

1. What is the water cycle?

2. What are the main stages of the water cycle?

3. Why is the water cycle important?

Visible Thinking Routine: See-Think-Wonder (15 minutes)

Look at the diagram of the water cycle and answer the following questions:

1. What do you see in the diagram?

2. What do you think is happening in the diagram?

3. What do you wonder about the diagram?



Visible Thinking Routine: Think-Pair-Share (15 minutes)

Discuss the following questions with a partner and then share your answers with the class:

1. How does the water cycle affect our daily lives?

2. What are some ways we can conserve water?

3. How can we reduce our impact on the water cycle?

Group Activity: Water Cycle Diagram (20 minutes)

Group Task:

Create a diagram of the water cycle and include the following components:

- Evaporation
- Condensation
- Precipitation
- Runoff
- Infiltration

[Space for diagram]

Reflection and Conclusion (10 minutes)

Individual Reflection:

1. What did you learn about the water cycle today?

2. How can you apply what you learned to your daily life?

3. What questions do you still have about the water cycle?

Assessment (10 minutes)

Complete the following quiz to assess your understanding of the water cycle:

1. What is the process by which water moves from the Earth to the atmosphere?

2. What is the process by which water falls to the Earth as rain, snow, or hail?

3. What is the process by which water seeps into the soil?



Visible Thinking Routine: The 4Cs (15 minutes)

Consider the following questions and answer them using the 4Cs:

1. How does the water cycle affect the environment?

2. How does the water cycle affect human societies?

3. How can we work together to conserve water?

Group Activity: Water Conservation (20 minutes)

Group Task:

Brainstorm and list ways to conserve water in your community:

- Fix leaks
- Use low-flow appliances
- Use rain barrels

[Space for list]

Visible Thinking Routine: Think-Pair-Share (15 minutes)

Discuss the following questions with a partner and then share your answers with the class:

1. What are some ways to reduce water pollution?

2. How can we protect aquatic ecosystems?

3. What are some ways to conserve water in agriculture?

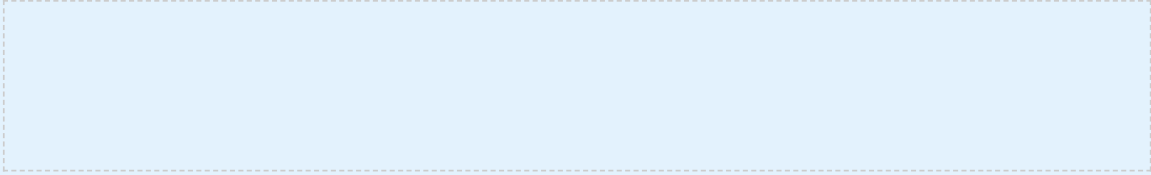
Reflection and Conclusion (10 minutes)

Individual Reflection:

1. What did you learn about water conservation today?

2. How can you apply what you learned to your daily life?

3. What questions do you still have about water conservation?



Visible Thinking Routine: The 4Cs (15 minutes)

Consider the following questions and answer them using the 4Cs:

1. How does the water cycle affect the environment?

2. How does the water cycle affect human societies?

3. How can we work together to conserve water?

Group Activity: Water Cycle Model (20 minutes)

Group Task:

Create a model of the water cycle using the following materials:

- Styrofoam ball
- Blue paint
- Glue
- Scissors

[Space for model]

Reflection and Conclusion (10 minutes)

Individual Reflection:

1. What did you learn about the water cycle today?

2. How can you apply what you learned to your daily life?

3. What questions do you still have about the water cycle?

Assessment (10 minutes)

Complete the following quiz to assess your understanding of the water cycle:

1. What is the process by which water moves from the Earth to the atmosphere?

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