

The Earth's Water Cycle



Kindergarten

Science,

Your students will learn all about the water cycle with a simple video, lively song and cut and paste activity!

Learning Objectives

Students will be able to explain the water cycle.

Materials and preparation

- A wet shirt in a bag
- A glass of ice water
- A glass of boiling water
- [The Water Cycle](#) by Sharon Schellenberg
- [Water Cycle Song](#) by Have Fun Teaching
- Water Cycle Diagram worksheet
- scissors
- glue sticks

Key terms

- evaporation
- condensation
- precipitation
- collection

Attachments

- Water Cycle Diagram (PDF)
- First Grade Water Cycle Diagram (PDF)

Introduction (5 minutes)

- Gather your students somewhere where they can all see you.
- Tell your students that you are sad because a glass of water fell on your favorite shirt.
- Pull the wet shirt out of your bag and show it to them.
- Pretend to be upset about the shirt being ruined.
- Tell your students that you will have to throw it away.
- Give your students time to object, hopefully someone will suggest that the shirt will dry.
- Ask your students what it means for something to dry.
- Ask your students where the water goes when something is drying.
- Tell your students that they will be learning about where water goes in the water cycle.

Explicit Instruction/Teacher modeling (10 minutes)

- Ask your students what a wheel does on a bike.
- Explain to students that water goes in a cycle just like a wheel goes around and around.
- Instruct your students to watch [The Water Cycle](#).
- Read the text as it appears in the video.
- Pause where necessary to elaborate or discuss what is meant by the text.
- Pay particular attention to the water cycle vocabulary: **evaporation, condensation, precipitation, and collection.**
- Use a glass of ice water as an example for condensation and collection and a glass of boiling water for evaporation if your class needs more help.
- Watch [Water Cycle Song](#) and have your students sing along.

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Guided Practice (5 minutes)

- Hand out the Water Cycle Diagram worksheet.
- Tell your students to sit in a circle with the diagram on the floor in front of them.
- Tell your students to put their finger on the picture in the diagram that matches the words you call out.
- Call out the following words: water, sun, evaporation, condensation, cloud, rain, precipitation, water, collection, condensation, rain, cloud.
- Repeat these words until you are confident that your students know their vocabulary.

Independent working time (10 minutes)

- Hand out the second page of the worksheet.
- Explain and model how to cut out the labels and glue them to the diagram.
- Instruct your students to raise their hand as they finish the assignment.
- Go to each student as they finish and ask them to point to and describe the parts of the water cycle on their diagram.

Differentiation

- **Enrichment:** Advanced students may label their diagram by writing the words instead of cutting and pasting them on. Students may also use the First Grade Water Cycle Diagram worksheet.
- **Support:** Some students may need extra time to complete the assignment as well as visual and verbal clues to help them finish the diagram.

Assessment (5 minutes)

- During Guided practice: Look for students who are pointing at the correct picture on the diagram.
- During Independent practice: Your students should be able describe the water cycle verbally as they point to the pictures on their diagram.

Review and closing (5 minutes)

- Invite your students to sing the Water Cycle Song again as you play the song.
- Ask your students to describe evaporation, condensation, and precipitation.
- Ask your students to think of ways they will tell their parents about the water cycle.

Water Cycle Diagram



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Water Cycle Terms

Cut out the labels and glue them on the diagram!

Evaporation



Condensation



Collection



Precipitation



Water Cycle Diagram



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Water Cycle Terms

Directions:

Glue these cut-out labels to the matching spots on the Weather Cycle Diagram that best fit their description!

Sun

Cloud

Rain

Ocean

Evaporation

Condensation

Precipitation