

## Water cycle

Level: intermediate (A2)

Time: 45 minutes

Aims:

- To understand that water is a precious resource
- To explore how we use water on the earth
- To observe processes in water cycle
- To understand that water can be a limited source
- To learn about water cycle
- To read for general and specific information
- To look for specific information in the internet

Language functions:

- To describe pictures
- To talk about water cycle processes
- To discuss different water problems
- To read about water cycle
- To use new vocabulary
- To talk about rivers and lakes
- To discuss the problems with the shortage of water

CLIL: Biology/ Geography/ IT technology

Materials: glass of water, worksheets and Web pages

STAGE	AIMS	PROCEDURE	TIME	MATERIALS
Introduction	To start the lesson and introduce students to the idea that water is a precious resource	<p>Start your lesson by putting a glass full of water on the table in front of your students. Ask them to have a look at the glass and tell how old the water is. Write down some of your students' answers. Explain your students that the water in our glass may have fallen from the sky as rain last week but the water itself has been around as long as the earth has.</p> <p><b>Brainstorming:</b> Write Water Cycle on the board. Tell your students to make a mind map of all the words they can associate with this phenomenon. Allow some time for pair work or group work. Check their answers and put some of the ideas on the board.</p>	5-8 min	A glass of water
Main part of the lesson	To present covered material.	<p><b>1. Tutorial</b> Tell your students to go to page: <a href="http://www.epa.gov/safewater/kids/flash/flash_water_cycle.html">http://www.epa.gov/safewater/kids/flash/flash_water_cycle.html</a> This is an online tutorial about water cycle. Students can name different stages of the water cycle and</p>	10-12 min	Worksheet A

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	To ask and answer questions about water cycle and processes connected with it.	learn some facts connected with them. Allow some time for students to go through all stages of water cycle. Explain any vocabulary that is needed. You're your students worksheet A –a glossary with all the terms used in the material.	6-7 min	<a href="https://www.fcwa.org/story_of_water/html/hydrocycle.htm">https://www.fcwa.org/story_of_water/html/hydrocycle.htm</a>
	To learn new vocabulary connected with water cycle.	<p><b>2. Quiz</b></p> <p>To check what your students remember tell them to go to page:  <a href="https://www.fcwa.org/story_of_water/html/hydrocycle.htm">https://www.fcwa.org/story_of_water/html/hydrocycle.htm</a>  and do an online quiz about water cycle and words related to it. There are 9 questions concerning this phenomenon. Allow some time to do the task and then check who had the best score. The winner may get a small prize.</p> <p><b>3. Animation and video</b></p> <p><a href="http://www.youtube.com/watch?v=YswL4dIDQuK">http://www.youtube.com/watch?v=YswL4dIDQuK</a>  And watch a short film about water cycle. Then give your students worksheet B with the task to do. Ask your students to name different parts of the diagram. Students can work in pairs or small groups. Check their answers after 3-4 minutes.</p> <p>Next go to page:  <a href="http://www.bbc.co.uk/schools/riversandcoasts/water_cycle/rivers/pg_02_flash.shtml">http://www.bbc.co.uk/schools/riversandcoasts/water_cycle/rivers/pg_02_flash.shtml</a>  And watch a short animation made by BBC about rivers and coasts linked to the water cycle.</p>	7-8 min	<a href="http://www.youtube.com/watch?v=YswL4dIDQuK">http://www.youtube.com/watch?v=YswL4dIDQuK</a>
			5 min	Worksheet B <a href="http://www.bbc.co.uk/schools/riversandcoasts/water_cycle/rivers/pg_02_flash.shtml">http://www.bbc.co.uk/schools/riversandcoasts/water_cycle/rivers/pg_02_flash.shtml</a>
Wrap-up	To summarize the material covered during the lesson To revise material and vocabulary	Then students watch a short film : <a href="http://www.youtube.com/watch?v=0_c0ZzZfC8c">http://www.youtube.com/watch?v=0_c0ZzZfC8c</a> By NASA about water cycle. Check if they remember some vocabulary used during the class. Do an exercise – word search. (Worksheet C).	5-6 min	<a href="http://www.youtube.com/watch?v=0_c0ZzZfC8c">http://www.youtube.com/watch?v=0_c0ZzZfC8c</a>  worksheet C

### Sources:

<http://www.kidzone.ws/water/>

[http://www.epa.gov/safewater/kids/flash/flash\\_watercycle.html](http://www.epa.gov/safewater/kids/flash/flash_watercycle.html)

<http://www.youtube.com/watch?v=YswL4dIDQuK>

[http://www.youtube.com/watch?v=0\\_c0ZzZfC8c](http://www.youtube.com/watch?v=0_c0ZzZfC8c)

[http://www.bbc.co.uk/schools/riversandcoasts/water\\_cycle/rivers/pg\\_02\\_flash.shtml](http://www.bbc.co.uk/schools/riversandcoasts/water_cycle/rivers/pg_02_flash.shtml)

*Materials credits:* online tutorial and quiz: [www.bbc.co.uk/schools/](http://www.bbc.co.uk/schools/) <http://www.epa.gov>