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WRITTEN LESSON PLAN

SAVING WATER

GRADE : 1st grade

SUBJECT: Environmental Studies

TOPIC: Water conservation

DURATION: 40–45 minutes

LEARNING OBJECTIVES

- Understand the importance of water in our lives.
- Recognize that water is not an unlimited resource.
- Learn simple ways to avoid wasting water.
- Develop a responsible attitude towards water use.

TOOLS & MATERIALS

- Pictures and cards showing running taps, watering plants, rain, water in nature and everyday uses of water.
- Role-play activity: “Water Guardians”.
- Drawing and crafts: worksheets and a water-saving poster.
- Simple experiment: a bowl and a glass of water.
- Short videos, songs, books and stories about the value of water.
- Signs and stickers reminding children to turn off the tap.
- Quizzes, board games and Kahoot.
- An active Microsoft account for each pupil, Microsoft Designer, access to ChatGPT and an active teacher email address.

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LESSON PROCEDURE

OPTION A · CORE ACTIVITIES

A. Introduction · "The Magical Journey of Water" · 10 min

The teacher shows pictures of everyday uses of water. Pupils discuss whether the water is being used responsibly or wastefully.

QUESTIONS

- Where do we use water in our daily lives?
- What would happen if we had no water?

B. Main activities · 20 min

1. Simple experiment · 5 min

Fill a glass with water and slowly pour it into a bowl. Ask: "If we leave the tap running, how much water will be wasted?" Pupils observe and discuss ways to save water.

2. Role-play · Water Guardians · 10 min

Children act out situations: one child leaves a tap running and another reminds them to turn it off. They learn good habits through role-play.

3. Creative activity · Draw the solution! · 5 min

Children draw ways to conserve water, such as a closed tap or watering plants with a watering can.

C. Closing and reflection · 10 min

Discuss what was learned and make a poster with the slogan: "Turn off the tap – Save water!"

QUESTIONS

- What did we learn about water today?
- How can we save water at home?

OPTION B · INTERACTIVE QUIZ AND GAME

The introduction may also include an interactive quiz with different question types.

https://create.kahoot.it/details/duplicate-of-water-facts/fb6ffded-6be6-4a55-ba57-e9e9c9d9ece0

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3. Gamified activity · “Water Heroes on a Mission!” · 5–10 min

Divide pupils into 2–4 teams. They try to “save” water by answering questions correctly. For each correct answer, a team adds water to a container or prevents a simulated leak. For an incorrect answer, a little water is removed. The shared goal is to prevent all the water from disappearing.

GAME MATERIALS & STORY

Game materials: a transparent container of water (or digital simulation), cups or ladles, and question cards.

Game story: Planet Gaia is in trouble – its water is disappearing. Pupils become Water Heroes and work together to save it. The team that preserves the most water becomes the “Water Heroes of the Day”.

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GAME QUESTION CARDS

Examples

What should we do when brushing our teeth?

A. Turn off the tap.
B. Leave the water running.

What is the best way to water plants?

A. Use a watering can or drip irrigation.
B. Leave a hose running continuously.

Which of these helps save water?

A. Wash fruit in a bowl.
B. Wash fruit under running water.

Easy

What should we do after washing our hands?

A. Close the tap properly.
B. Leave the tap dripping.

How can we reduce water waste when showering?

A. Take a short shower.
B. Leave the water running continuously.

When it rains, do we need to water the plants?

A. No, because nature is watering them.
B. Yes, because rainwater is not enough.

Intermediate

How can we avoid wasting water when washing fruit and vegetables?

A. Use a bowl.
B. Wash them under running water.

Why is it important to repair a dripping tap quickly?

A. Every drop counts, and many litres may be lost.
B. Because the noise bothers us.

Which of these is the right thing to do?

A. Use leftover water to water plants.
B. Throw away the water left in our glass.

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Difficult

What makes up the largest share of water on our planet?

A. Salt water.
B. Fresh water.

How much water could a dripping tap waste in a year?

A. Up to 10,000 litres.
B. Very little; it is not important.

What is one clever trick for saving water when flushing the toilet?

A. Place a small water bottle inside the cistern to reduce the amount used per flush.
B. Flush twice to clean it better.

EXTRA CHALLENGE

EXTRA CHALLENGE

You are at home and see a friend leaving the tap running. What would you say to help them understand why saving water matters? Teams share their answers and the teacher chooses the most creative.

ASSESSMENT

- Pupils can name at least three ways to save water.
- They participate in role-play and drawing activities.
- They demonstrate understanding through their quiz answers and other activities.

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