

MODEL SESSION PLAN

Topic: Water cycle in nature, hydrological cycle

Subject: Biology

Student's age: 11-13 years

Duration of session: 60 minutes

Objectives



- Understanding the water cycle in nature at a basic level
- Exploring all three states of water: solid (ice); liquid (water); and gas (water vapor)
- Understanding how rain is formed

Material/resources



- **Tool:** Storyboard That
- Device to use and tool searched
- The student has studied the water cycle in theory and conducted small experiments, for example, with hot water.
- With this tool is intended to illustrate the already learned theory and create a visual memory of it.
- Theoretical knowledge is available for student



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Description of the lesson

Introduction (10 minutes)

- Start by asking the student if he/she remembers about the water cycle in nature
- Tell that you are recalling the subject and creating a picture /comic strip of it using the tool

Exploring Storyboard That (10 min)

- At first let a student find out the tool by him/ herself
- Choose the most interesting and suitable template for your work. It could be for example timelines, infographics, comics or some else

Making the story about hydrological cycle by pictures (30 min)

- A process in which water moves on the surface of the Earth, in the atmosphere, and within the ground. It consists of several stages:
 1. Evaporation
 2. Condensation
 3. Formation of Rain
 4. Water Flow
 5. Soil Absorption
 6. Groundwater Flow

Summary and reflection

- After completing the process, let the student explain what he has done
- Make sure, that the student understand an essential process that sustains ecosystems, weather conditions, and the possibilities for life on Earth.

