name: class: date:

Hydroelectric Power

1. Fill in the gaps with the right words!
2. Scan the QR code to check your answers interactively!
3. Copy the text in your exercise book!
4. Formulate the content of the text yourself!
   Use all gap words!

The _____ shines down on the earth, providing energy to the water cycle. This cycle causes water in rivers to flow, which can be harnessed for _____. One of the most common ways to do this is through hydroelectric power plants. These plants use a _____ to store river water in a reservoir. When energy is needed, water is released from the reservoir, flowing through a _____ and generating electricity.

The process of generating electricity from water is known as _____. It is a renewable source of energy because the water _____ is continuous, powered by the sun. Unlike fossil fuels, hydroelectric power does not produce air _____ or greenhouse gases. However, building dams can have a significant impact on local _____ and communities.

Hydroelectric power is the largest source of renewable electricity in the _____, providing about 16% of the world's electricity. It plays a crucial _____ in reducing reliance on fossil fuels and combating climate _____. Countries with abundant water resources, like Canada, Brazil, and Norway, generate a large portion of their electricity from _____.

Despite its benefits, there are challenges to hydroelectric power. The construction of large dams can displace _____ and harm local wildlife. Also, changing climate patterns can affect river _____, impacting the reliability of hydroelectric power. To address these issues, there is a _____ on developing smaller, less invasive hydroelectric projects and improving the efficiency of existing _____.

change	energy	hydropower	focus	hydropower	ecosystems	flows		
pollution	cycle	sun	world	role	people	turbine	dam	plants

Reference: https://materials.school/educational-activities/task-collection/environmental-science/hydroelectric-power (created with ChatGPT)