

Game-15 Introduction to Hydroelectricity

Objective:

Apart from daily uses, water can also be used to generate electricity. In this game, the concept of hydroelectricity is brought out using images, which shows the principles of the generation process. Students can gain a fundamental understanding of the concept of hydroelectricity and its pros and cons.

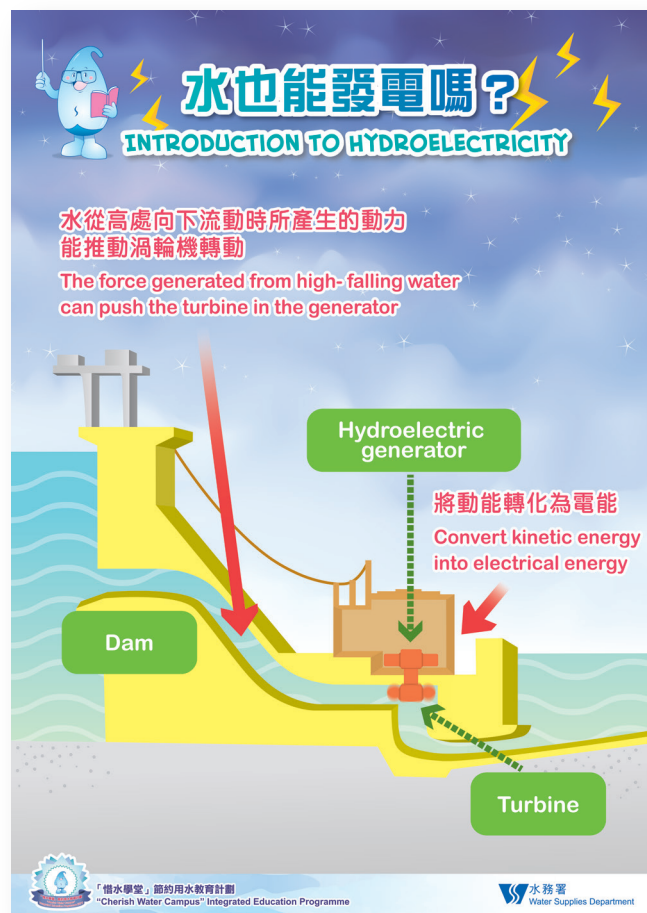
* Reference materials *

Teachers may make use of the following material:

P5: Topic 15 Renewable Energy - Hydroelectricity - Lesson plan and worksheets

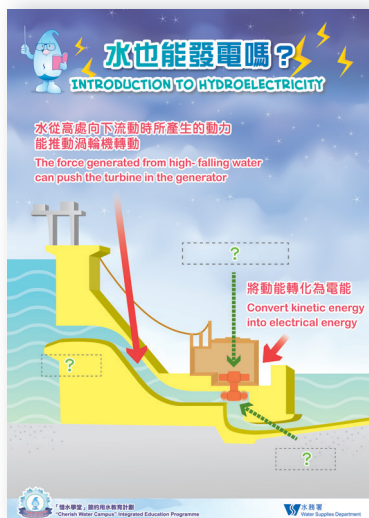
How to play:

The teacher may start by talking about the uses of water to introduce hydroelectricity as one of the many uses. Then, with reference to the process of power generation, the teacher will match the Word Cards onto the poster with explanation of the principles of hydroelectricity. After the activity, students are encouraged to further discuss on the pros and cons of hydroelectricity, as an extended learning activity.

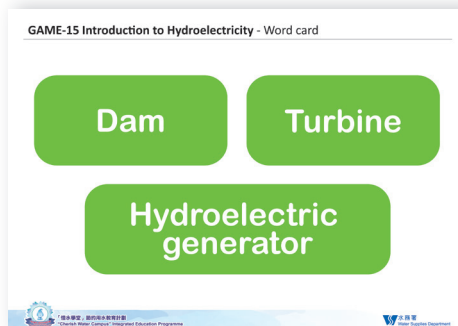


Items:

Background Poster



Word Card



Answer Sheet

