

GAME-20 How to Maintain Good Drinking Water Quality in the Building?

Objective:

Even though the quality of water is good after being processed by the Water Treatment Works, the quality of tap water may still be affected by the poor maintenance of a building's water plumbing system. This game shows the potential risks on water safety in the building, allowing students to think of methods to prevent and improve, in order to ensure the safety of drinking water.

* Reference materials *

Teachers may make use of the following material:

Teaching video: Topic 4 Quality Water (KS1 & KS2)

How to play:

From the Background Poster, students would have to identify the potential risks on water safety in the building, then come up with strategies to improve. Students need to place the Image Cards into the correct positions to eliminate the risks. After the activity, the teacher can give detailed explanation and information, such as on the Quality Water Supply Scheme for Buildings - Fresh Water (Management System) (QMS) (Note 1), and teach students how to find suitable licensed plumbers (Note 2) etc..

Note 1: Quality Water Supply Scheme for Buildings - Fresh Water (Management System)

<https://www.wsd.gov.hk/en/core-businesses/water-quality/buildings/fresh-water-plus/index.html>

Note 2: Licensed Plumbers

<https://www.wsd.gov.hk/en/plumbing-engineering/licensed-plumbers/index.html>

Note 3: Please refer to the ITC website: Laboratories accredited for testing lead in water

[https://www.itc.gov.hk/en/quality/hkas/doc/CAB accredited for lead.pdf](https://www.itc.gov.hk/en/quality/hkas/doc/CAB%20accredited%20for%20lead.pdf)

Note 4: Application for Water Supply Pipes and Fittings Approval

<https://www.wsd.gov.hk/en/plumbing-engineering/pipes-and-fittings-to-be-used-in-inside-service-or/application-for-water-supply-pipes-and-fittings-ap/index.html>

Items:

Background Poster



Image Card



Answer Sheet

