

Game-16 What is Virtual Water?

Objective:

Apart from the visible portion of water that we consume every day, there is still a part of “virtual water” that is consumed, such as water consumed during the manufacturing processes of food and other products. Therefore, by reusing products and reducing food wastage, water can also be saved. This game compares the amount of “virtual water” consumed in the production of different types of food, such that students can learn the importance of cherishing food and other products to the conservation of water resources.

* Reference materials *

Teachers may make use of the following material:

- (1) P3: Topic 6 Practising Green Living - Lesson plan and worksheets
- (2) Teaching video: Topic 5 Water and Life (KS2)

How to play:

The teacher will first introduce what is “virtual water”, then a type of food will be placed on the left side of the balance. Based on the selected food, students would have to choose the corresponding amount of “virtual water”, and to place suitable volumes of water onto the right side of the balance. Lastly, the teacher can continue the discussion by explaining the specific processes that require the use of water in food production.

Items:

Background Poster



Image Card



Answer Sheet

