**21. Overuse of Water Resources**

P5 - Natural Resources: Saving Energy

Learning objectives:

* Learn about the problem of water shortage
* Understand the definition of overuse of water resources

What kind of crisis is the global water supply facing?

Under current trends, demand for water will exceed supply by 40% in 2030 , a lot of people around the world will suffer severe water stress. In other words, the rate of replenishment of fresh water is much ( slower / faster ) than the rate that we are exploiting water resources, and there ( will / will not ) be a day that water resources are used up.

(Reference: United Nations Environment Programme, 2016)



Which of the following are activities that overuse water resources? Match the text and pictures and fill in the correct letter in the ( ).

A. Over-exploiting water from the upstream, causing water stress in downstream

C. Over-exploiting underground water resources

B. Over-irrigation

D. Cooking with drinking water

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1

**21. Overuse of Water Resources**

Learning objectives:

* Understand the consequences of overusing water resources

Which of the following are consequences of overusing water resources? Put a ✓ or in the ( ).

|  |  |
| --- | --- |
| Diseases due to lack of  clean drinking water ( ) | C:\Users\user\Downloads\WhatsApp Image 2019-05-06 at 5.10.00 PM.jpeg  Collapse of buildings ( ) |
| Conflicts due to competition  of water resources ( ) | People forced to use dirty water ( ) |
| Lacking water for irrigation,  causing famine ( ) | C:\Users\user\Downloads\WhatsApp Image 2019-05-06 at 5.10.00 PM (2).jpeg  Volcanic eruptions ( ) |

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2

**21. Overuse of Water Resources**

P5 - Natural Resources: Saving Energy

Learning objectives:

* Learn about ways to reduce waste at source

Agricultural and manufacturing industries use a large proportion of the global water resources. A few ways to reduce water wastage in the production process are shown below. Match the text and picturess and fill in the correct letter in the ( ).

|  |  |  |
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| C:\Users\user\Downloads\WhatsApp Image 2019-05-06 at 5.10.00 PM (6).jpeg | C:\Users\user\Downloads\WhatsApp Image 2019-05-06 at 5.10.00 PM (5).jpeg |  |
| (　 　) | (　 　) | (　 　) |

1. Using a water circulation system in factories to reuse water and reduce total water consumption.
2. Using a more efficient method of irrigation such as adjusting water amounts according to the situation.
3. Education on the importance of water conservation, and encourage reducing water wastage in production processes.



Domestic water use accounts for 10% of the global water consumption. As a global citizen, what can you do to reduce wastage of water resources?

(Reference: Worldometers)

In order to reduce water wastage, I can:

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