

Group discussion for classification of water quality

By Kittipong Kunchariyakun

Overview

In the subject of water supply and wastewater engineering, the students learned about how to manage and design in the water supply system. The content of this subject that always made them confused is the water quality, where explains types and its impacts. In the past, the lecture based was the method that I used to teach the students, which may made them bored and no attention. From this problem, the group discussion method has been applied to improve their memorizing and understanding.

Aim & objective

To improve student's memorizing and understanding on water quality by group discussion method.

Activity

Before group discussion, I teach and explained the content of water quality by lecture based similar the previous method. After class, I order the student to form into group, and assigned to summarize this content as group homework. Next class, I evaluate them by matching test under their group.

Outcome

The reaction of students has been enjoyable more than the previous method. In addition, the average score of this content from examination was increased.

Impact

The impact after this subject was that the student able to know "what happen from the water supply", for example, red stain on sanitary ware occur from iron (Fe) in water, or less bubble from soap occur by hardness of water.

Future development

In the future, I will also bring the student to see real water supply system as site visited and surveyed. This could be made more their understanding on "how to know and measure each type of water quality".

