

Importance of water treatment



Water treatment refers to those processes used to make water more acceptable for consumption, including removing impurities in raw water, reducing the concentration of harmful chemicals and filtering solid substances. In a visit to the Ma On Shan Water Treatment Works in Sai Kung, our guide showed us a video about the complicated yet important processes of water treatment there. After looking around the plant, I gained a better understanding of the purification of water.

Raw water from Dong Jiang River is treated in the sedimentation plant and then the filtration plant. Different chemicals are added too. Aluminium sulphate can let the sludge attaching each other. Chlorine serves the purpose of killing bacteria while flourine can protect our teeth.



There is so much I can learn from this visit. Every drop of water is precious. We ought to think before turning on our water taps because water resources are invaluable and a lot of efforts are put in the treatment process. Moreover, the chemistry in water treatment is interesting which enhances my interest in science. Learning is not just from school and textbooks, but also from our daily life. The visit can definitely broaden my horizons.