

b.Brilliant

Welcome to b.Brilliant

Join Alex as she and her fellow makers explore the world by creating with new technology, interviews with experts to help solve problems, and uncovering the mysteries of "BB", a mischievous lab A.I. that seemingly likes to help, but also likes to cause some problems for b.Brilliant's teacher: Mr.Lingley.

b.Brilliant, Ep.7: Activity 2 Healthy Waterways

In this activity we will learn about the Water cycle and learn about how waterways are monitored. When water evaporates into the air and forms clouds it is called condensation and when rains or snows it is called precipitation. The YSI is used to measure the health of waterways. Some YSI products have a PH, temperature and dissolved oxygen sensors

Real world applications

Keeping waterways healthy is important for our drinking water. It is also important because it helps support the food we eat whether it be to help grow plants or water animals. For example in order to produce a kilogram of cheese we need approximately 3,178 litres of healthy water free from parasites, metals and feces. In order to produce a kilogram of bread we need 1,608 litres of water.

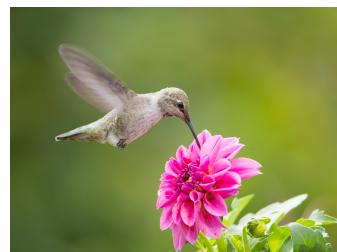
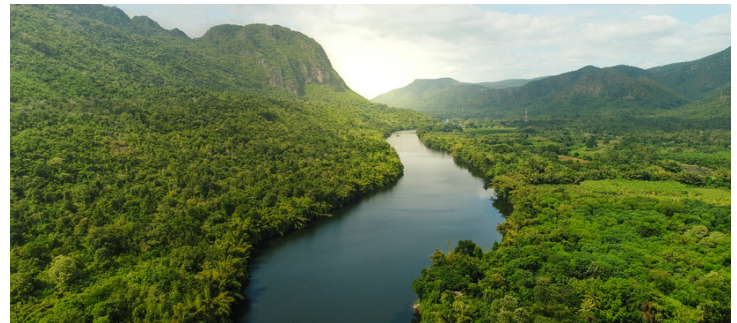
What can I do?

Water is very important. We should try to reduce the amount of water we use wherever we can. For example, you can turn off the tap while brushing your teeth. You can also keep garbage out of waterways by picking up the garbage.

About Ysi, <https://www.ysi.com/about>.

"Professional plus (pro plus) Multiparameter Instrument." YSI Professional Plus Handheld Multiparameter Meter, <https://www.ysi.com/proplus>.

"How Much Water Is Needed to Produce Food and How Much Do We Waste?" The Guardian, Guardian News and Media, 10 Jan. 2013, <https://www.theguardian.com/news/datablog/2013/jan/10/how-much-water-food-production-waste>.



QUESTIONS OR NEED A LITTLE SUPPORT? LET'S CONNECT, EMAIL INFO@BRILLIANTLAB.CA