

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 1, Rainwater Collection System

In this activity, we will explore how to harvest rainwater and fresh water conservation.

Timeframe: 30-45 min

Materials: Bucket
Water
Garden hose
Rock (something heavy to hold down hose)

Instructions:

Find a bucket. Place one end of a garden hose in the water. Place a rock or something heavy on the garden hose so it stays in the bucket. Use the other end of the hose to water your flowers or garden. In order for the water to flow in the hose it needs to be pulled through the hose. You can do this by creating negative pressure on the end you want the water to come out. In this b.Brilliant episode the Makers chose to suck on the hose to get the water flowing.

Did you know?

Rainwater Collection also known as Rainwater harvester reduces demand on city water. It helps in case there isn't enough water. It reduce erosion and flooding.



Platt, Brian. "Rainwater Collection 101: Your Quick-Start Guide to Better Harvesting." Diversified Spec Sales, Inc., 6 Apr. 2022, <https://diversifiedspec.com/rainwater-collection/#benefits>.

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