

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.1: Activity 3 Bee-hive thermometer

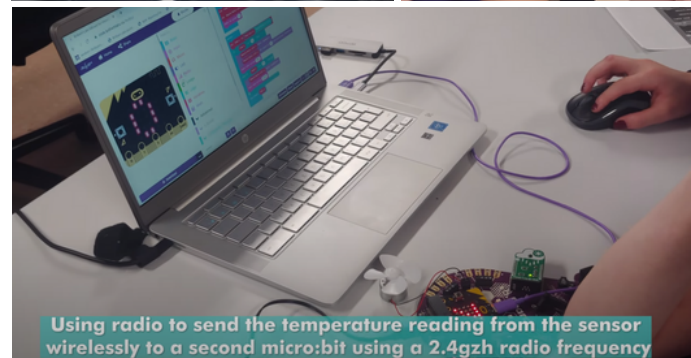
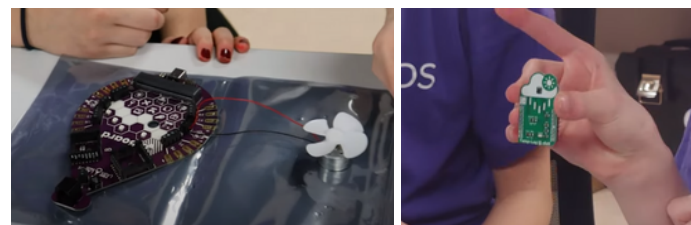
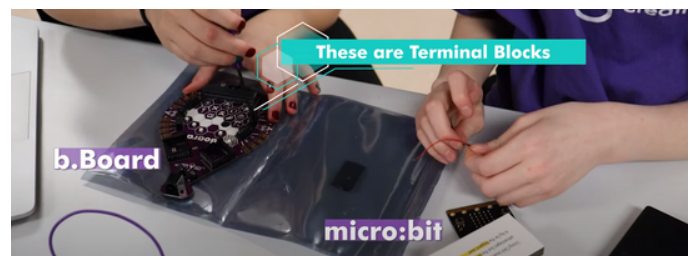
In this activity, we will learn that bees thrive in the hive at a temperature between 27°C-35°C. Learn how to code a bee-hive thermometer to help keep bees happy and healthy.

Timeframe: 30-60 mins

Materials: b.Board
Microbit
Temp-log Click-board
Battery Pack
USB cables
Mini Desk Fan
Battery Pack

Instructions:

Attach your mini desk fan to your b.Board using the red and black wires.
Fasten your Temp Log board to the b.Board.
Attach your battery pack power-supply to your b.Board via USB.
Insert your Microbit into the front b.Board slot.
Attach your b.Board to your PC via USB.
To code your templog device on the b.Board visit Code.Brilliantlabs.ca and choose "new project"



Did you know?

Some beekeepers in Canada can harvest 300 lbs (136 kg) of honey per colony, but the bees do all the work. To make 454 g (one pound) of honey, bees need to tap 2 million flowers! Find more bee facts at Honey Council of Canada.

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