

Bentley Park College, **Google**, **DFROBOT**
and **QSITE** present:

Micro:Bit and Boson Workshop

What is Micro:Bit?

Micro:Bit is made for the classroom. The Micro Bit (also referred to as BBC Micro Bit, stylised as micro:bit) is an ARM-based embedded system designed by the BBC for use in computer education in the UK. It is a small circuit board with a lot of built in sensors that can be utilised in STEM subjects.

What is Boson?

Boson is an extensive STEM kit, created by DFRobot, that connects directly to the Micro:Bit which extend the possibilities with motion sensors, rotation sensors, sound sensors, fans lights and servo motors etc.

It's time to play

Bentley Park College is offering educators a workshop to introduce them to Micro:Bit and Boson. Come and find out!

Ingredients

Electronics, coding, play and problem solving in the classroom.

Warning: All STEM disciplines

Date: Saturday 11 August 2018

Time: 9:00am – 3:00pm (includes lunch and morning tea)

Venue: Bentley Park College
(TA16 – See map on next page)

Cost: \$0 (All funded by Google and DFRobot)

Includes: Catering, a Micro:Bit kit and a Boson kit to take away and PD certificate

Suitable for: Educators who want to learn and play.
Transferable to students in Year 3 and up.

Sessions:

- Introduction to **Micro:Bit and Boson**
- Introduction to **lesson plans**
- Some **practical exercises**
- Troubleshooting 101
- Suggested **classroom activities** that fit with Digital Technology curriculums

Register: Email Paw Kappel (pkapp1@eq.edu.au)



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