

## BUFFALOLABS electronics workshops for kids in Mui Wo (SEP-DEC 2017)

### PRACTICAL

- Term starts first week of Sep, ends first week of Dec: 12 weekly sessions
- 1 hour per session
- 4-5 kids per session
- Minimum age 6
- At Tom's house in Mui Wo: 11 Nam Bin Wai, 5min walk from swimming pool
- Kids take home a new project every week and bring it back the week after (shoe box)

### CONTENT

- We learn about the technology that surrounds us, sensors, lights, sound, motors
- We focus on hardware and connecting components to build projects, e.g. simple games
- We make one project each week; we take it apart next week to build a new one
- All materials are included in the fee, and are re-used as much as possible
- In the first term, we focus on hardware, not on coding/software
- From the second term we use tools such as soldering iron and hot glue gun to build permanent projects that can take several sessions to finish
- If a kid misses one session, that is not a problem as we usually build a new project every session

### SMALL PRINT

- Commitment for one term, session dates fixed in advance
- \$150 per session, payable in full at start of the term (12x \$150 = \$1,800 by cheque or transfer)
- No refunds or make-up classes for missed classes
- Classes are canceled in case of T8 or black rain
- Parents need to sign a waiver form
- The components we use are not toys and are not specially designed for children; most are fragile. The kids need to show respect for their material. I will replace broken components unless damaged by careless handling.

Term dates Sep-Dec 2017:

Mondays: (skip week of 2 Oct and 6 Nov)

Sep 4,11,18,25

Oct 9,16,23,30

Nov 13,20,27

Dec 4

Tuesdays: (skip week of 2 Oct and 6 Nov)

Sep 5,12,19,26

Oct 10,17,24,31

Nov 14,21,28

Dec 5

Thursdays: (skip week of 2 Oct and 6 Nov)

Sep 7,14,21,28

Oct 12,19,26

Nov 2,16,23,30

Dec 7

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