1. Course 1 - Microbit Beginner lessons
   1. Beautiful image - <https://www.microbit.co.uk/blocks/lessons/beautiful-image>
   2. Lucky7 - <https://www.microbit.co.uk/blocks/lessons/lucky-7>
   3. Answering machine - <https://www.microbit.co.uk/blocks/lessons/answering-machine>
   4. Game of chance - <https://www.microbit.co.uk/blocks/lessons/game-of-chance>
   5. Smiley - <https://www.microbit.co.uk/blocks/lessons/smiley>
   6. Magic logo - <https://www.microbit.co.uk/blocks/lessons/magic-logo>
   7. Snowflake fall - <https://www.microbit.co.uk/blocks/lessons/snowflake-fall>
   8. Screen Wipe - <https://www.microbit.co.uk/blocks/lessons/screen-wipe>
   9. Flashing Heart - <https://www.microbit.co.uk/blocks/lessons/flashing-heart>
   10. Blink - <https://www.microbit.co.uk/blocks/lessons/blink>
   11. Night Light - <https://www.microbit.co.uk/blocks/lessons/night-light>
   12. Game Counter - <https://www.microbit.co.uk/blocks/lessons/game-counter>
   13. Happy Birthday - <https://www.microbit.co.uk/blocks/lessons/happy-birthday>
2. Course 2 - Microbit Advanced lessons
   1. Magic8 - <https://www.microbit.co.uk/blocks/lessons/magic-8>
   2. Guess the number - <https://www.microbit.co.uk/blocks/lessons/guess-the-number>
   3. Counter - <https://www.microbit.co.uk/blocks/lessons/counter>
   4. Love Meter - <https://www.microbit.co.uk/blocks/lessons/love-meter>
   5. Rock Paper Scissors - <https://www.microbit.co.uk/blocks/lessons/rock-paper-scissors>
   6. Truth or Dare - <https://www.microbit.co.uk/blocks/lessons/truth-or-dare>
   7. Spinner - <https://www.microbit.co.uk/blocks/lessons/spinner>
   8. Die Roll - <https://www.microbit.co.uk/blocks/lessons/die-roll>
   9. Looper - <https://www.microbit.co.uk/blocks/lessons/looper>
   10. Strobe Light - <https://www.microbit.co.uk/blocks/lessons/strobe-light>
   11. Temperature - <https://www.microbit.co.uk/blocks/lessons/temperature>
   12. Digi Yoyo - <https://www.microbit.co.uk/blocks/lessons/digi-yoyo>
   13. Rotation Animation - <https://www.microbit.co.uk/blocks/lessons/rotation-animation>
   14. Compass - <https://www.microbit.co.uk/blocks/lessons/compass>
   15. Zoomer - <https://www.microbit.co.uk/blocks/lessons/zoomer>
   16. Glowing Pendulum - <https://www.microbit.co.uk/blocks/lessons/glowing-pendulum>
   17. Classic Beatbox - <https://www.microbit.co.uk/blocks/lessons/classic-beatbox>
   18. Light Beatbox - <https://www.microbit.co.uk/blocks/lessons/light-beatbox>
3. Course 3 - Making with the Microbit - Advanced lessons
   1. The Watch (Maker) - <https://www.microbit.co.uk/blocks/lessons/the-watch>
   2. Hack Your Headphones (Maker) - <https://www.microbit.co.uk/blocks/lessons/hack-your-headphones>
   3. Banana Keyboard (Maker) - <https://www.microbit.co.uk/blocks/lessons/banana-keyboard>
   4. Telegraph (Maker) - <https://www.microbit.co.uk/blocks/lessons/telegraph>
   5. Ornament Chain (Maker) - <https://www.microbit.co.uk/td/lessons/ornament-chain>
   6. Hero - <https://www.microbit.co.uk/blocks/lessons/hero>
4. Course 4 - Basics of Electronics
   1. Series circuit
      1. LED, Resistor
      2. LED, Resistor + Resistor (Series)
   2. Parallel circuit
      1. LED, Resistor
      2. LED, Resistor + Resistor (Parallel)
   3. Transistors – NPN (& PNP)
      1. Simple NPN circuit – Turn LED on/off
   4. Blinking an LED
      1. Single LED
      2. Multiple LED’s
      3. Increasing value of resistors
      4. Introduce a transistor
   5. Color control with a Tricolor (RGB) LED
      1. Single RGB LED
      2. RGB LED, Potentiometer
      3. RGB LED, Potentiometer, Switch
   6. Using an LDR and measuring analog inputs
   7. Dimming an LED using a potentiometer
      1. LED, Potentiometer
      2. LED, Potentiometer, Switch
   8. Using a transistor to drive a motor
   9. Using the accelerometer to control motor speed
      1. Single speed / Duty Cycle
      2. Set button A to increase speed
      3. Set button A to increase speed and button B to decrease speed
   10. Setting the tone with a piezo buzzer
       1. Play music with the buzzer
       2. Detect input on button A an play a melody
       3. Detect input on button B and play a different melody
       4. Detect input on button A + B and play a different melody
   11. Wind power in action
   12. Making a game using the compass
   13. Creating a capacitor charge circuit
   14. Making a pedestrian crossing using LED’
   15. Making a random dice
   16. Exploring transistors
       1. Darlington Pair for high current gain
       2. H-Bridge using 4 transistors to drive a motor
   17. Displaying temperature using the on-board sensor
   18. Building a soil moisture sensor
   19. Measuring humidity using the DHT11
   20. Measuring temperature using the DHT11
   21. Using a solid state relay to turn on LED, motor
   22. Create a Traffic Light Using 3 LEDs and a HC SR04 (Distance Sensor)