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, Transistor
   2. Parallel circuit
      1. LED, Resistor
      2. LED, Resistor, Transistor
   3. Blinking an LED
      1. Single LED
      2. Multiple LED’s
      3. Increasing value of resistors
      4. Introduce a transistor
   4. Color control with a Tricolor (RGB) LED
      1. Single RGB LED
      2. RGB LED, Potentiometer
      3. RGB LED, Potentiometer, Switch
   5. Using an LDR and measuring analog inputs
   6. Dimming an LED using a potentiometer
      1. LED, Potentiometer
      2. LED, Potentiometer, Switch
   7. Using a transistor to drive a motor
   8. 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
   9. 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
   10. Wind power in action
   11. Making a game using the compass
   12. Creating a capacitor charge circuit
   13. Interacting with the real world using sensors
       1. Displaying temperature using the on-board sensor
       2. Building a soil moisture sensor
       3. Measuring humidity using the DHT11
       4. Measuring temperature using the DHT11
       5. Using a relay to turn on a motor
   14. Making a pedestrian crossing
   15. Making a random dice