



Microbit Tier 0 (Stage 1)

SESSION NUMBER	SESSION NAME
Session 1	Introduction to Zoom and Microbit Makecode
Session 2	Patterns and fun figures
Session 3	Addressing of LEDs in the Matrix
Session 4	Introduction to variable and push button
Session 5	Mathamatical oprators
Session 6	Rock Paper Scissor (if block)
Session 7	Compass (if-else block)
Session 8	Dice Game
Session 9	Assessment challenge- 1
Session 10	Coin Head Tail
Session 11	Uploading first code to the Microbit
Session 12	Tones in the Microbit with animation
Session 13	Tones in the Microbit - Part II
Session 14	Hands on with Microbit board
Session 15	Hands on with Microbit board
Session 16	Hands on with Microbit board
Session 17	Assessment challenge- 2
Session 18	Light Sensor application
Session 19	Working with sensors
Session 20	Working with sensors
Session 21	Working with sensors/actuators
Session 22	Introduction MLBB board
Session 23	Introduction MLBB board
Session 24	Introduction MLBB board
Session 25	Assessment challenge- 3 (using RGB)
Session 26	Applications using MLBB
Session 27	Applications using MLBB
Session 28	Applications using MLBB
Session 29	Applications using MLBB
Session 30	Applications using MLBB
Session 31	Applications using MLBB
Session 32	Assessment challenge- 4
Session 33	External component interfacing with Microbit-1
Session 34	External component interfacing with Microbit-2
Session 35	External component interfacing with Microbit-3
Session 36	External component interfacing with Microbit-4
Session 37	External component interfacing with Microbit-5
Session 38	External component interfacing with Microbit-6
Session 39	External component interfacing with Microbit-7

Disclaimer

- ** 1. The curriculum is subjected to changes and upgradation as per the feedback received from our customers.
- 2. Project and activities will depend on the type of course and tier.
- 3. Moonpreneur reserves all the rights to update its curriculum at any given point in time.



Microbit Tier 0 (Stage 2)

SESSION NUMBER	SESSION NAME
Session 1	Identify user's need
Session 2	define problem
Session 3	Ideation
Session 4	Gathering Components
Session 5	Preparation
Session 6	Prototyping Session 1
Session 7	Prototyping Session 2
Session 8	Prototyping Session 3
Session 9	Testing 1
Session 10	Testing 2
Session 11	Testing 3
Session 12	Final Evaluation
Session 13	Planning Future Prospects

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