# Purpose of this Document

The following curriculum references are intended to show which Progression Steps in the Curriculum for Wales 2022 are **possible** for pupils to achieve through their participation in the BBC Micro:bit sessions.

## Area of Learning and Experience (AoLE) – Science and Technology

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| Statement of What Matters | Progression Steps | Activity |
| **Computation is the foundation for our digital world.** | I can follow algorithms to determine their purpose and predict outcomes.I can use conditional statements to add control and decision-making to algorithms.I can identify repeating patterns and use loops to make my algorithms more concise.I can explain and debug algorithms.I can use sensors and actuators in systems that gather and process data about the systems’ environment.I can select and use multiple sensors and actuators that allow computer systems to interact with the world around them. | Rock Paper Scissors, Reaction gameRock Paper Scissors, Reaction gameRock Paper Scissors, Reaction gameRock Paper Scissors, Reaction gameRock Paper Scissors, Reaction gameRock Paper Scissors, Reaction game |