# 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 game  Rock Paper Scissors, Reaction game  Rock Paper Scissors, Reaction game  Rock Paper Scissors, Reaction game  Rock Paper Scissors, Reaction game  Rock Paper Scissors, Reaction game |