Bubble Machine

What You Need:

1 x Crazy Circuits Bit Board (Coming Soon!)
1 x Adafruit Clue **- or -** micro:bit
1 x Roll of 1/8" Maker Tape
1 x LEGO Compatible 270 Degree Servo
1 x Crazy Circuits Standard Pushbutton Chip
1 x Crazy Circuits Screw Terminal Chip
1 x DC Motor with Fan Blade
1 x Battery (or DC Power Source)
1 x Small Cup
1 x LEGO Baseplate
Misc LEGO pieces
Bubble Wand & Bubble Soap

How it Works:

The Crazy Circuits Bit Board allows us to build our circuit on a LEGO baseplate, and then build the structure to hold our LEGO Compatible Servo and our DC Motor with a fan blade attached.

When the pushbutton is pressed it activates the servo to lower the bubble wand into a small cup of soap, wait a second, then raise the wand in front of the fan which is then turned on via the built-in relay on the Bit Board so the fan can blow the bubbles.

There are two different versions of code depending on if you are using an Adafruit Clue or a micr:bit board.