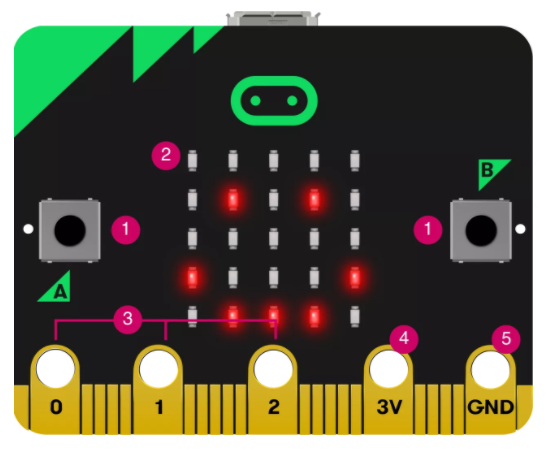
Plenary worksheet answers

1. **Buttons** - The micro:bit has two buttons on the front that can be used separately or together to make things happen.

2. **LED display** - 25 LEDs arranged in a 5x5 grid make up the display for showing pictures, words and numbers.

3. **GPIO pins** - General Purpose Input Output pins allow you to connect other electronics

4. **3V pin** - You can power external LEDs and other electronics using the 3 volt power pin.

5. **GND pin** - The GND pin is the ground or Earth pin - it's used to complete electrical circuits when you connect headphones, LEDs or external switches to your micro:bit.

**What do these three pins on the solar store?**

A B C



A - **Charge % (output)** - stored charge indicator. A voltage between 0V and 3V that can be connected to a micro:bit pin.

B - **Level (output)** - stored charge (raw). A voltage between 0V and 5V that can be looped directly to the enable pin, to auto-enable when charged.

C - **Enable (input)** - enables the power output, so that any stored energy can be used by the attached device.