**Coding a micro:bit Conductivity Tester**

Describe your Conductivity Tester code. What does your code tell the micro:bit to do?

|  |
| --- |

If you were to try to improve your code, what would you WANT to make it do?

|  |
| --- |

Transfer your program to the micro:bit, then test different materials to see if they are electrical Insulators or Conductors. Remember to restart your program (or have your program clear the screen) after each material test.

**Observations Using My Conductivity Tester**

| Object / Material | Display on the micro:bit | Is the material an insulator or conductor? | Did your previous conductivity test results match? |
| --- | --- | --- | --- |
|  |  |  |  |

**Compare the two methods of Conductivity Testing**

|  | Pros | Cons |
| --- | --- | --- |
| Previous Conductivity Test |  |  |
| micro:bit Conductivity Tester |  |  |

Which method is best? Why?

Which method is worst? Why?