



Troubleshooting Guide

Most problems are simple oversights in the process of programming and wiring the Arduino boards. A steady methodical approach to finding that oversight is the best way of solving the problem. It is not uncommon to have more than one problem, so trust in your own ability and the process until a satisfactory result is achieved.

Programming problems.

If the computer does not recognise or connect with the Arduino board;

- Check the polarity of all connections to the Arduino. (LCD's, Drivers, etc)
- Try a different USB port.
- Close the Arduino program and reopen it.
- Shut the computer down and restart it.
- If it still does not want to connect, then it is possible that the driver for the Arduino board is not installed. That will require locating and installing the correct driver.

If it seems to be a problem with the compiling of the program then test the connection by loading a basic program with only a blank `setup() { }` and a `loop() { }`.

Equipment problems.

Check the batteries.

Check everything else is connected.

Check the polarity of everything. (white to signal, black to GND or negative.)

Check that the connections are made to the correct pin numbers.

Swap out the non-working device for another one. (eg LED).

Be patient and be persistent.