**#11 – Temp. Sensor**

A temperature sensor measures ambient temperatures of the world around it.  In this project, we will be displaying the temperature in the serial monitor of the Arduino IDE.

**Parts Needed**

* (1) Arduino Uno
* (1) USB A-to-B Cable
* (1) Breadboard – Half Size
* (1) Temperature Sensor – TMP36
* (5) Jumper Wires

**Project Diagram**

Click Image To Enlarge

**Project Code**

1. Connect the Arduino board to your computer using the USB cable.
2. Open project code  –  **Circuit\_11\_TempSensor**
3. Select the board and serial port as outlined in earlier section.
4. Click upload button to send sketch to the Arduino.