Requires the 1310 board to be installed:

SAMD21

Tools → board → board manager
"Arduino SAMD Boards"

Requires the SparkFun_U-blox_GNSS_V3 library

Tools → manage libraries
"sparkfun GNSS V3"

```
#include <Wire.h>                          // Needed for I2C comms
#include <SparkFun_u-blox_GNSS_v3.h>       // Inlcude the ZED-F9P library

SFE_UBLOX_GNSS myGNSS;                     // Create the GNSS object

void setup()
{
  Serial.begin(9600);                      // For the Serial Monitor
  Serial.println("Stand by to getSome!");

  Wire.begin();                            // Make sure I2C is started

  while(myGNSS.begin() == false)
  {
    Serial.print("Something went wrong... Retrying");
    delay(1000);                           // Retry in a second
  }
}

void loop()
{
  if(myGNSS.getPVT() == true) // If there is new data for us to read
  {
    long lat = myGNSS.getLatitude();
    long lon = myGNSS.getLongitude();

    long hour   = myGNSS.getHour();
    long minute = myGNSS.getMinute();
    long second = myGNSS.getSecond();

    long day    = myGNSS.getDay();
    long month  = myGNSS.getMonth();

    long siv    = myGNSS.getSIV();

    Serial.print("Latitude: ");  Serial.println(lat);
    Serial.print("Longitude: "); Serial.println(lon);
    Serial.print("SIV: ");       Serial.println(siv);

    Serial.print("Time: ");      Serial.print(hour); Serial.print(":");
    Serial.print(minute);        Serial.print(":");  Serial.println(second);

    delay(1000);
  }
}
```

Connect 5V, GND

For I2C
Connect SDA, SCL

read the data we care about

Print the data