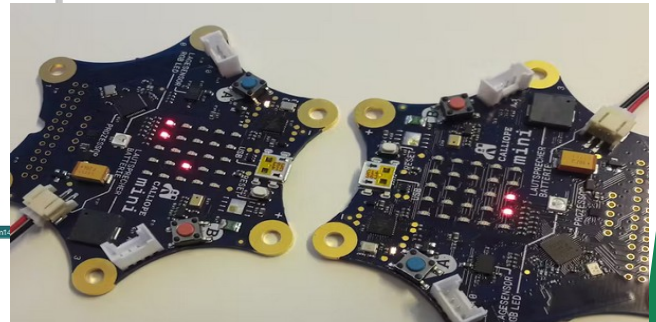


# Technik-AG

- Programmieren, Basteln...
- ...eigene Ideen entwickeln...
- ... und verwirklichen mit Hilfe von Technologie



```
sketch_jan15a.ino
5 void setup() {
6   // put your setup code here, to run once:
7   // Set up serial connection
8   Serial.begin(9600);
9   Serial.println("Hi!");
10
11 // Set up Buttons
12 pinMode(PIN_BUTTON_A, INPUT);
13 pinMode(PIN_BUTTON_B, INPUT);
14
15 // Set up 3 internal RGB lights
16 pixels.begin();
17 pixels.setPixelColor(0, pixels.Color(50, 0, 50)); // red + blue = magenta
18 pixels.setPixelColor(1, pixels.Color(50, 50, 0)); // red + green = yellow
19 pixels.setPixelColor(2, pixels.Color(0, 50, 50)); // green + blue = cyan
20 pixels.show(); // Initialize all pixels to 'off'
21
22 // Set up motor driver
23 pinMode(PIN_M_MODE, OUTPUT);
24 pinMode(PIN_M_DIR, OUTPUT);
25 pinMode(PIN_M_SPEED, OUTPUT);
26 pinMode(PIN_M1_DIR, OUTPUT);
27 pinMode(PIN_M1_SPEED, OUTPUT);
28 digitalWrite(PIN_M_MODE, 1); // Sets motor M0 into correct mode (PHASE/ENABLE)
29 digitalWrite(PIN_M1_DIR, 0); // Sets motor M0 into forward direction
30 analogWrite(PIN_M1_SPEED, 200); // Sets speed of M0 to 200/255
```



- Für SuS ab Stufe 7
- Voraussichtlich donnerstags ca. 7.-8. Stunde
- Vortreffen für Interessenten:

Donnerstag, den 02.10. um 14 Uhr im alten Computerraum