

# ***Trabalho de Microcontroladores***

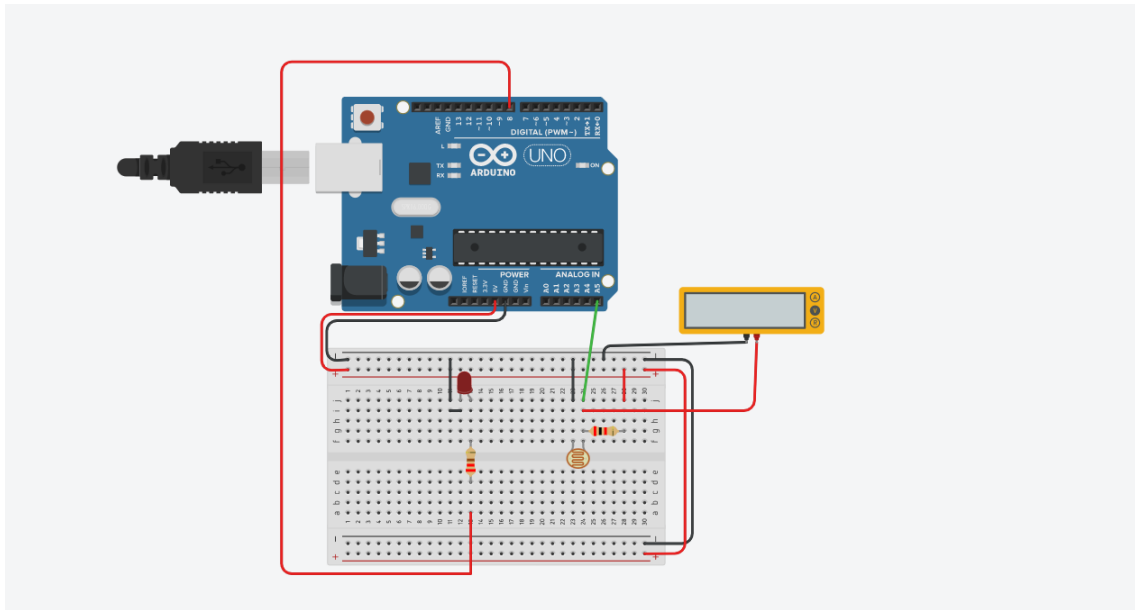
***UNIP – São José Dos Campos***

***Alunos***

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## Sistema Analogico



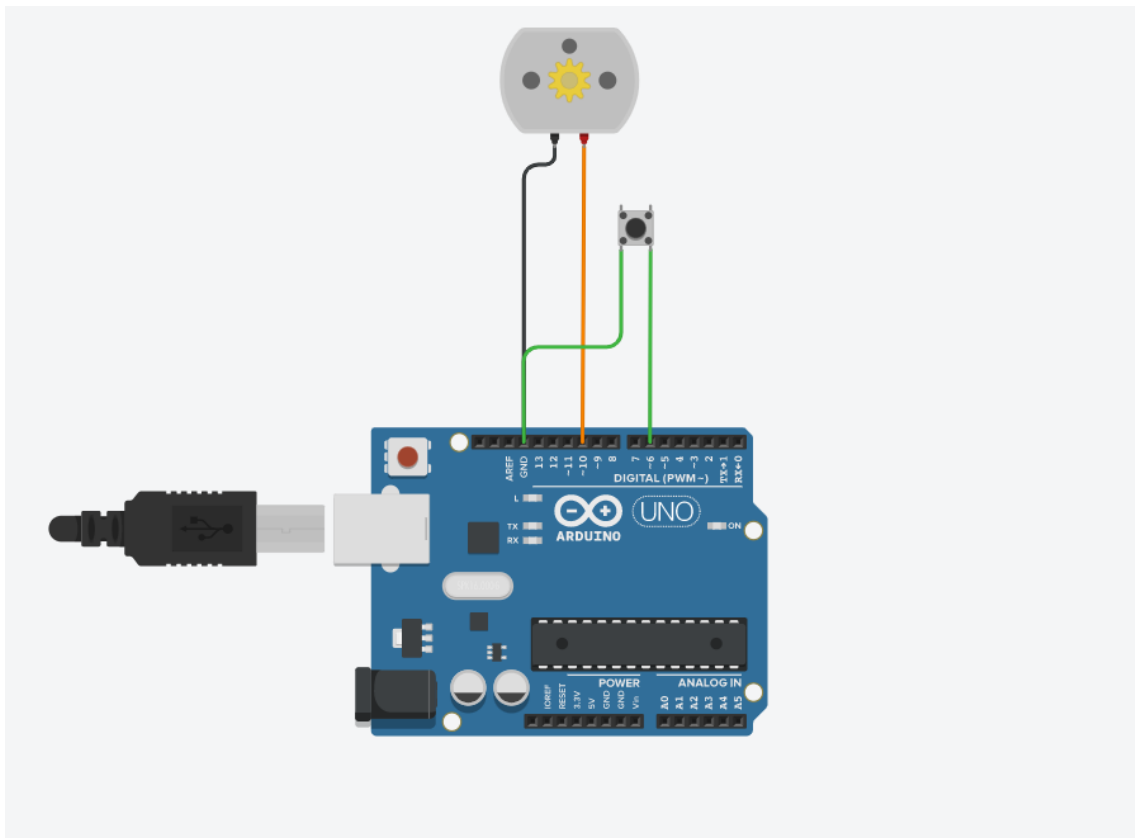
### Código utilizado

```
int val = 0;

void setup() {
  pinMode (8,OUTPUT);
}

void loop() {
  val = analogRead(5);
  digitalWrite(8,1);
  delay(val);
  digitalWrite(8,0);
  delay(val);
}
```

## Motor DC acionado por botão



```
void setup()
{
  pinMode(10, OUTPUT);
  pinMode(6, INPUT_PULLUP);
}

void loop()
{
  if (digitalRead(6) == LOW){
    analogWrite(10, 255);
  }
  else{
    analogWrite(10, 0);
  }
}
```

}

}

Link dos projetos feito no tinkercad

<https://www.tinkercad.com/things/1p6tzzBKcZg>

<https://www.tinkercad.com/things/4EsBGPpsDC7M>