

Scuba Diving



In this Activity, First We will learn about potentiometer and then create an animation of scuba diving using potentiometer of evive.

COMPONENTS REQUIRED

evive, USB cable, Laptop/PC

NAME

CLASS & SECTION

1. Choose a backdrop



2. Choose Sprites



3. Create multiple Fishes

```
when clicked
hide
forever
  create clone of myself
  next costume
  wait 1 seconds
```

4. Assign Actions

```
when I start as a clone
go to random position
show
glide 2 secs to random position
delete this clone
```

5. Sense Continuously

```
point in direction potentiometer 1 reading 360 / 1023
move 10 steps
```

6. Sense Continuously

```
forever
  point in direction potentiometer 1 reading 360 / 1023
  move 10 steps
```

7. Finalize the script

```
when clicked
go to x: 0 y: 0
forever
  point in direction potentiometer 1 reading 360 / 1023
  move 10 steps
```

CHALLENGE

Which palette contains the "potentiometer block"?

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