Wio Smart Motor | Introduction

Learn to train and use the Wio Smart Motor to animate your creations!
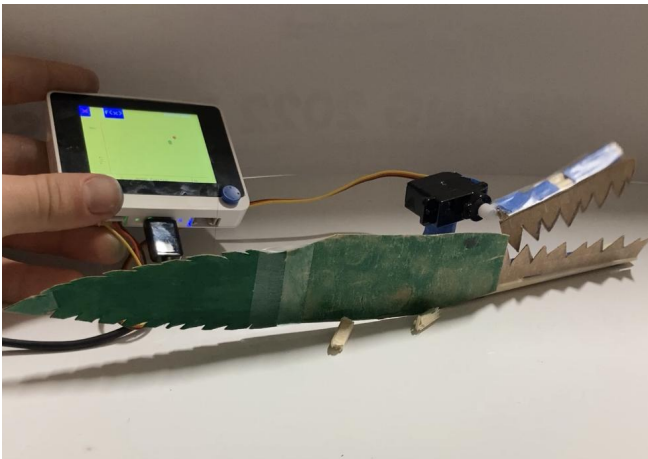
Think Like an Engineer:

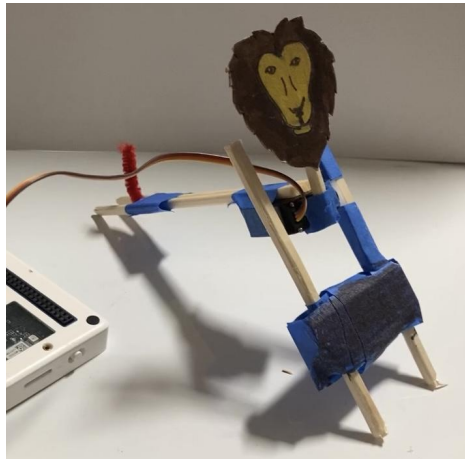What are different ways you can use a motor to make something move?

Think Like a Scientist:

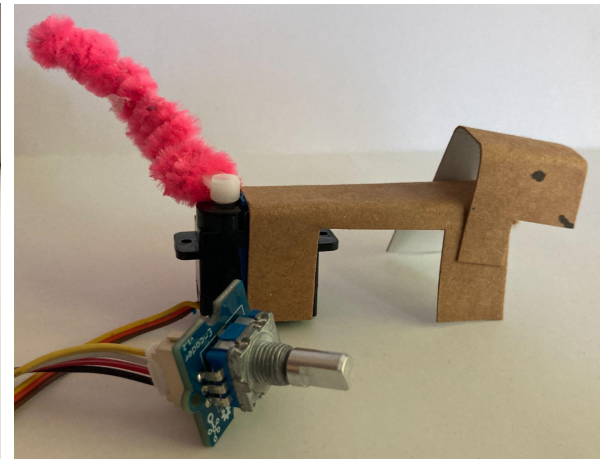How does the way an animal move reflect how it lives?

EXAMPLE IDEAS - *Animated Animal*

Tilt sensor alligator

Light sensor lion
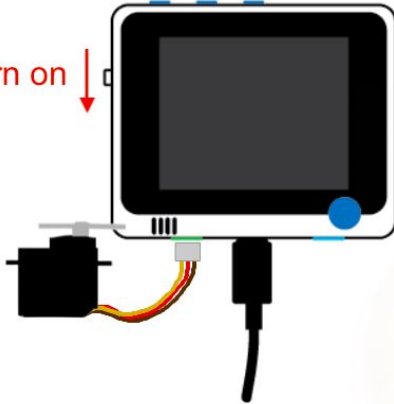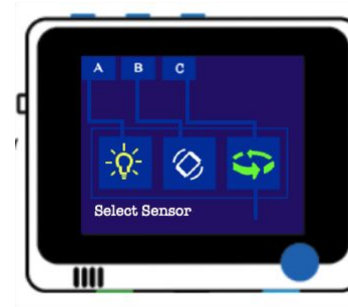
Rotary encoder dog

Flip over for more details!

Advanced

AI

Innovative Creations

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SETUP AND TRAINING

Turn on ↓

Select Sensor Type

⚙️ Press button B on home screen to select sensor type

A B C

Select Sensor

💡 – light sensor
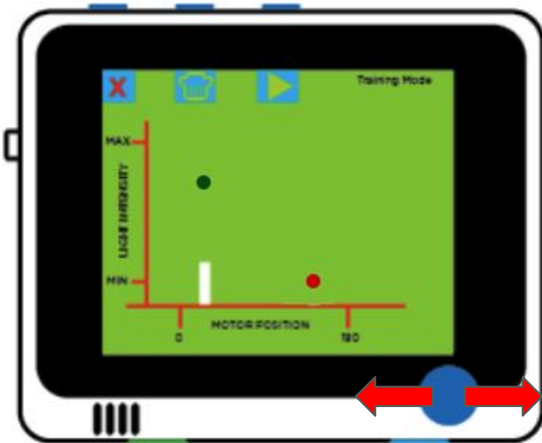
◇ – tilt sensor

🔄 – digital encoder
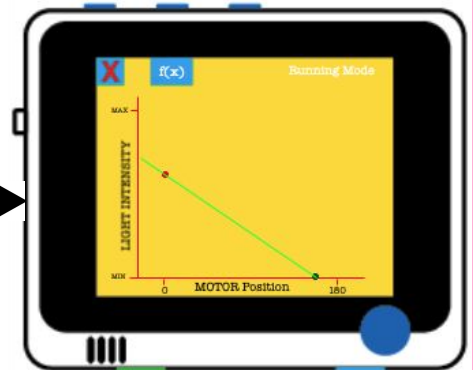
TRAINING

Running Mode

Training Mode 🧑‍🏫

Training Mode

1. Select button A to enter training mode
2. Shift the blue button right or left to move motor to desired position
3. Make sure light sensor, tilt, or digital encoder is at desired reading
4. Click blue button to train (listen for a beep!)
5. Repeat steps 1-3 for up to 5 different sensor readings/motor positions
6. Press the play button to complete training

Running Mode

Your Smart Motor is now trained and ready to use!

CHALLENGE YOURSELF

Draw your favorite animal and train the Smart Motor to make a part of it move depending on how much light you show the animal!