

WIO Smart Motor | Light Sensor

Use the WIO Smart Motor to tell a story of what you did yesterday using the light sensor.



Think Like an Engineer:

How can you attach the motor to make your creation rotate in different directions?



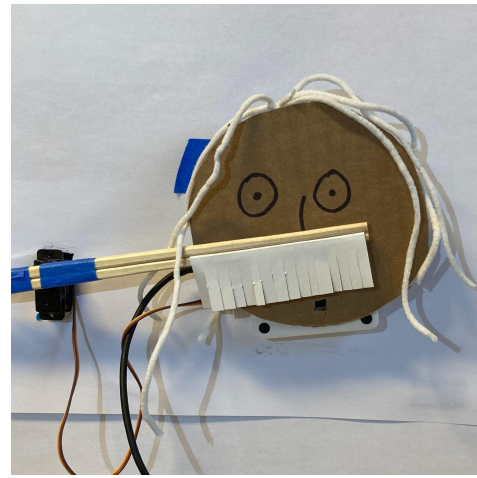
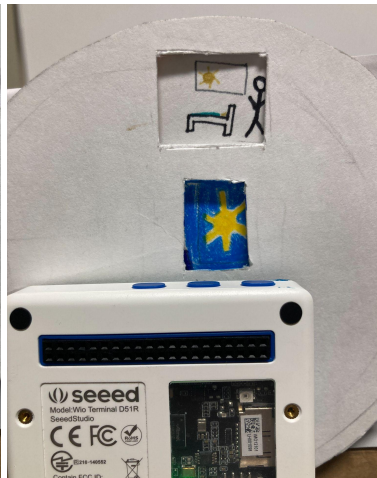
Think Like an Illustrator:

How can you show a part of your day without words?

EXAMPLE IDEAS



Waking up in the morning

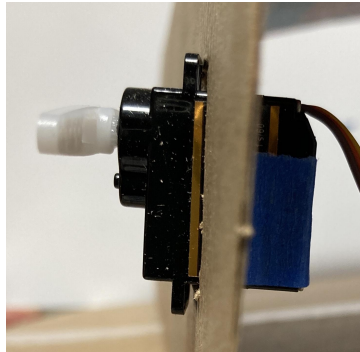


Brushing teeth



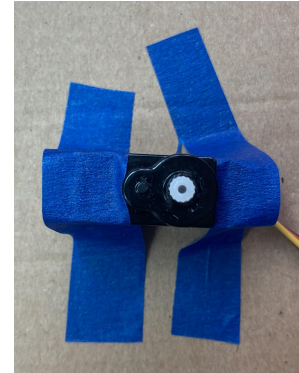
Reading Book

Flip over for more details!

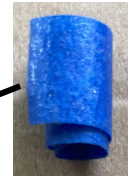


BUILD IT!

Mounting the motor



Use tape



Rolled-up tape

Stick the motor through a hole cut in cardboard to raise it off the ground



Making a Closed-Loop System

Make the SmartMotor move back and forth by itself!



Light Sensor



High light sensor reading (light) + motor in position covering sensor



Low light sensor reading (no light) + motor in position that doesn't cover sensor

Training



CHALLENGE YOURSELF

Can you show multiple things that happened during your day in one build?