

WIO Smart Motor | Digital Encoder

Use the WIO Smart Motor and digital encoder to make a game!



Think Like an Engineer:

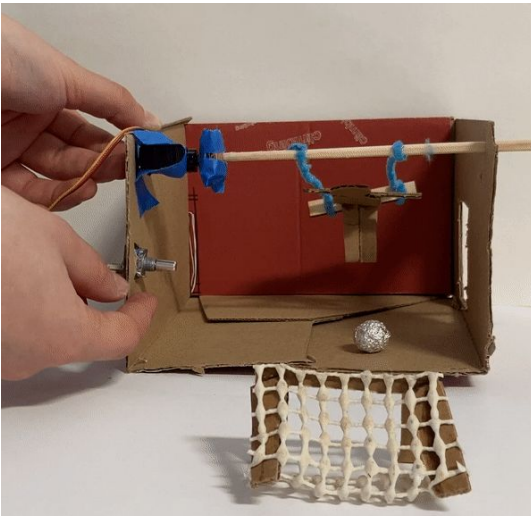
What kind of games involve rotation?



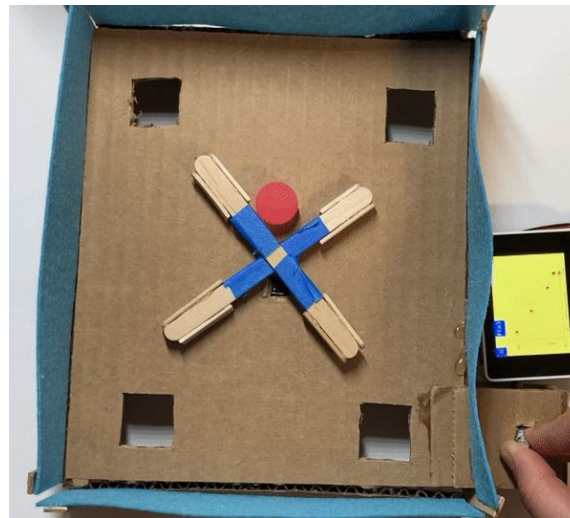
Think Like a Game Designer:

How can you animate your favorite game?

EXAMPLE IDEAS



Soccer Game



Pinball



Basketball

Flip over for more details!

WIO Smart Motor | Digital Encoder

Use the WIO Smart Motor and digital encoder to make a game!



Think Like an Engineer:

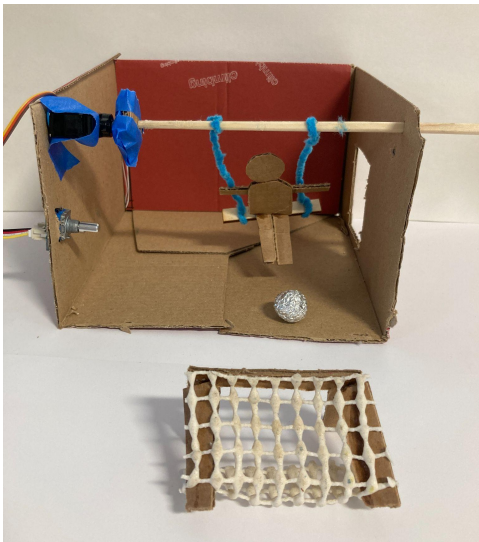
What kind of games involve rotation?



Think Like a Game Designer:

How can you animate your favorite game?

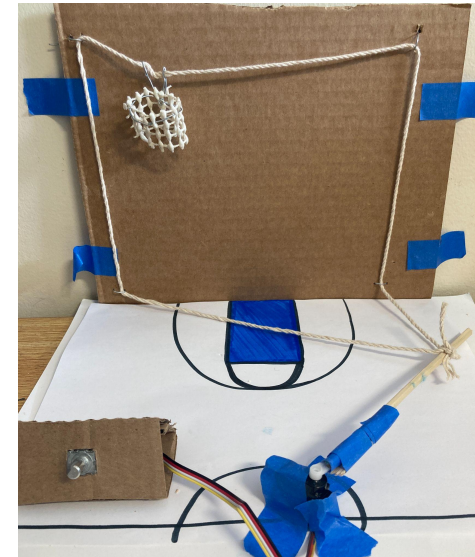
EXAMPLE IDEAS



Soccer Game



Pinball



Basketball

Flip over for more details!

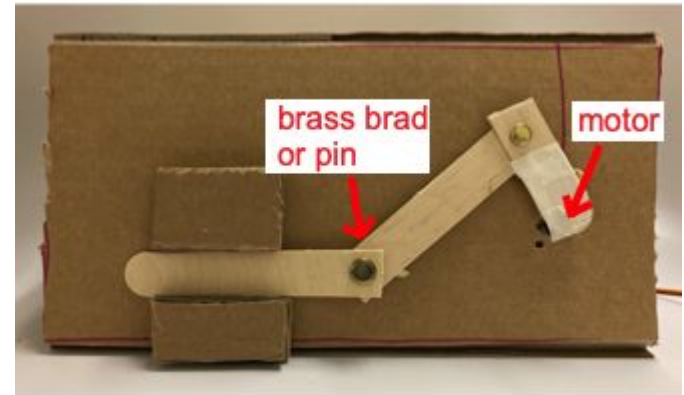


Turn the rotation of the motor into linear movement



BUILD IT!

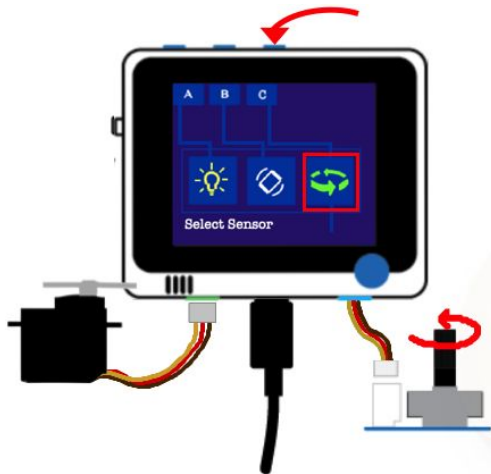
← String mechanism



Slider crank mechanism



Training with the Digital Encoder



You may want to train the motor to go to multiple places, rather than just back and forth between two spots



CHALLENGE YOURSELF

Try using the Smart Motor to make a two person game.