

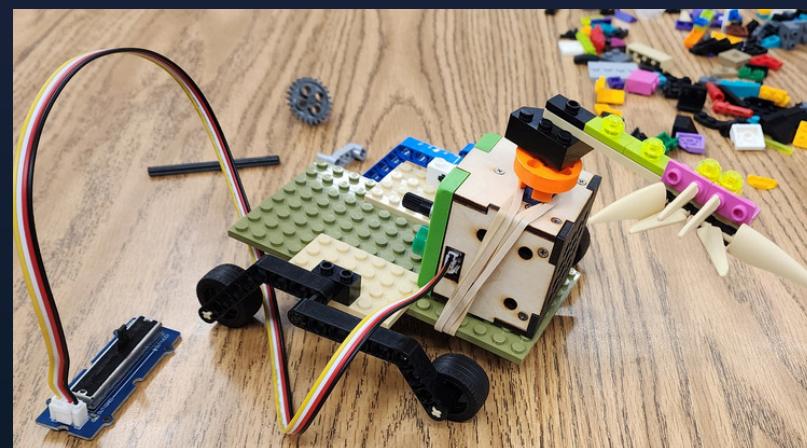
AI-SMART MOTORS

# BUILD A BATTLE BOT

The Future of Robot Combat is Here



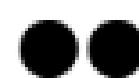
**THINK LIKE AN ENGINEER:**  
BUILDING A SUCCESSFUL BATTLE BOT  
REQUIRES A BALANCE OF MECHANICAL  
DESIGN AND STRATEGY



Example Ideas  
JUST SOME OF THE EXCITING BATTLE BOTS WITH VARIOUS ATTACK AND DEFENCE CAPABILITIES.



**THINK LIKE AN ATHLETE:**  
JUST LIKE IN SPORTS, STRATEGY, POWER, AND  
REFLEXES ARE KEY TO DOMINATING A  
BATTLE BOT FIGHT.





# DESIGN IT!

ATTACK BOTS: STRIKE FAST, STRIKE HARD

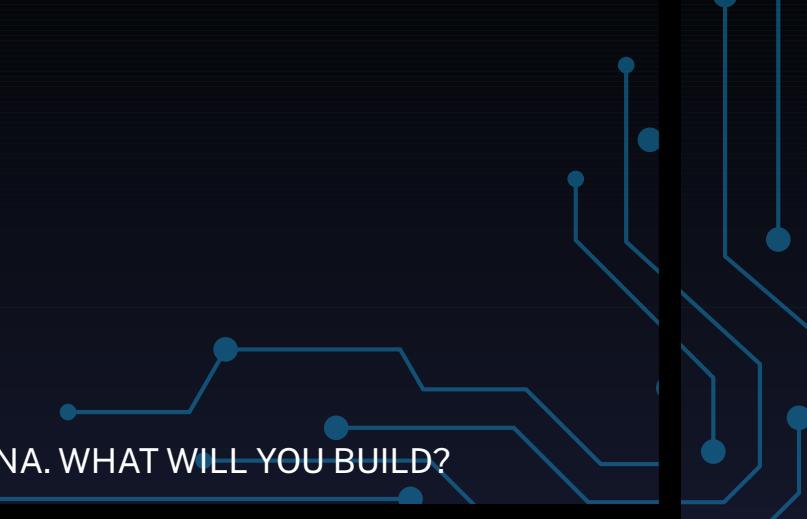
ATTACK-FOCUSED BOTS ARE BUILT FOR SPEED, POWER, AND PRECISION. THEIR GOAL? TO INFILTRATE MAXIMUM DAMAGE AND DISABLE OPPONENTS QUICKLY.

DEFENSE BOTS: BUILT TO ENDURE

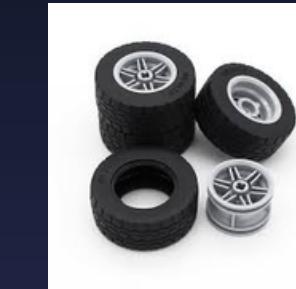
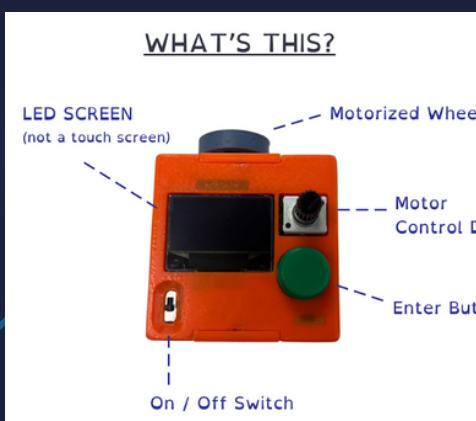
DEFENSE-FOCUSED BOTS RELY ON DURABILITY, CONTROL, AND COUNTER-STRATEGY TO OUTLAST OPPONENTS.

ATTACK OR DEFEND? THE CHOICE IS YOURS!

WHETHER YOU CHOOSE BRUTE FORCE OR RESILIENCE, AI-POWERED SMART MOTORS GIVE YOUR BOT THE INTELLIGENCE TO ADAPT, REACT, AND DOMINATE THE ARENA. WHAT WILL YOU BUILD?



## FRAME & STRUCTURE (BODY OF THE BOT)



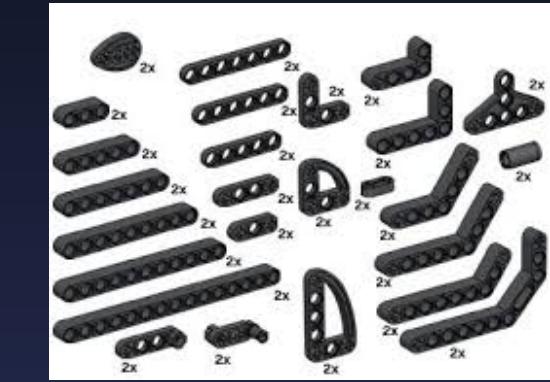
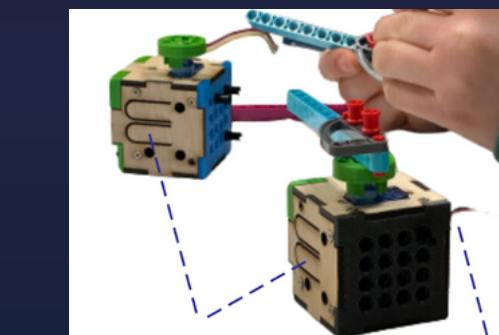
## MOBILITY (WHEELS OR LEGS)

LEGO WHEELS, TRACKS, OR GEARS 🚗  
BOTTLE CAPS OR JAR LIDS (MAKESHIFT WHEELS) 🚨  
CD/DVD DISCS (LOW-FRICTION SPINNING BASE) 💡  
STRAWS AND CHOPSTICKS (AXLES OR SUPPORTS) ✂️

# BUILD IT!

## WEAPONS

LEGO TECHNIC GEARS & ROTATING ARMS ⚙️  
PLASTIC SPOONS OR FORKS (FOR LIFTING/FLIPPING) ⌁  
RUBBER BANDS + POOPSICLE STICKS (SPRING-LOADED CATAPULT) ☀️



## DEFENSIVE ADD-ONS

FOAM OR SPONGE (FOR SHOCK ABSORPTION) 🏊  
LEGO TECHNIC BEAMS, BRICKS, AND CONNECTORS 🏠  
PLASTIC OR CARDBOARD SHEETS (FOR ARMOR) 🛡️  
ALUMINUM FOIL (LIGHTWEIGHT SHIELDING) 🎣  
ZIP TIES, PIPE CLEANERS, OR RUBBER BANDS (FOR FLEXIBLE JOINTS) 🔗



## COMBAT RULES

### ✓ WINNING CONDITIONS:

KNOCKOUT (KO) – OPPONENT IS IMMOBILIZED

JUDGES' DECISION – IF TIME RUNS OUT,  
JUDGES DECIDE BASED ON DAMAGE, CONTROL, AND AGGRESSION.

# BATTLE IT!

## TOURNAMENT STYLE (OPTIONAL)

SINGLE ELIMINATION – LOSERS ARE OUT, WINNERS ADVANCE.  
BEST OF THREE – FIRST BOT TO WIN TWO ROUNDS MOVES FORWARD.  
POINT SYSTEM – EARN POINTS FOR ATTACKS, STRATEGY, AND SURVIVAL.