

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

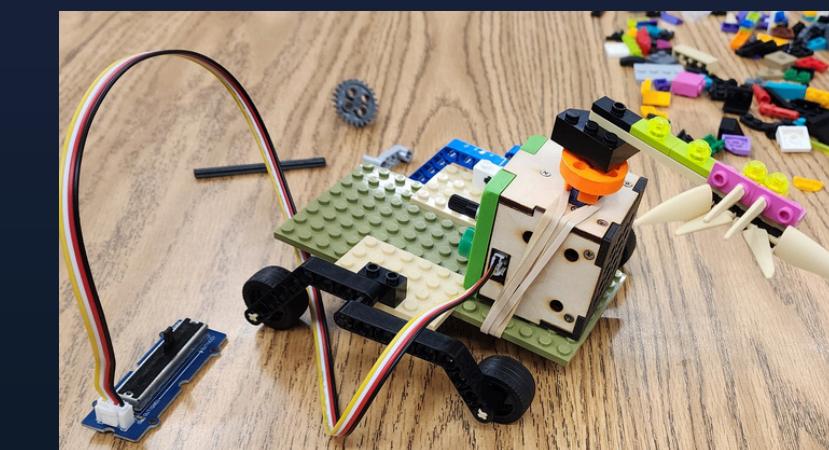


THINK LIKE AN ATHLETE:

JUST LIKE IN SPORTS, STRATEGY, POWER, AND
REFLEXES ARE KEY TO DOMINATING A
BATTLE BOT FIGHT.

Example Ideas

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





DESIGN IT!

ATTACK BOTS: STRIKE FAST, STRIKE HARD

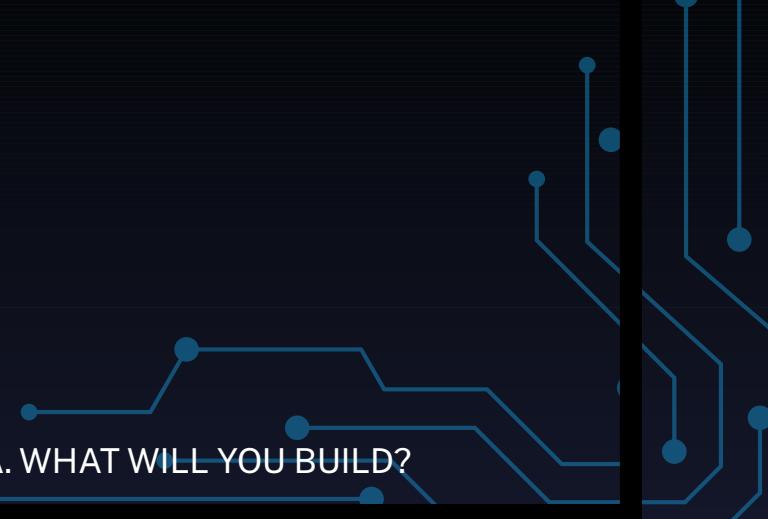
ATTACK-FOCUSED BOTS ARE BUILT FOR SPEED, POWER, AND PRECISION. THEIR GOAL? TO INFILTRATE MAXIMUM DAMAGE AND DISABLE OPPONENTS QUICKLY.

DEFENSE BOTS: BUILT TO ENDURE

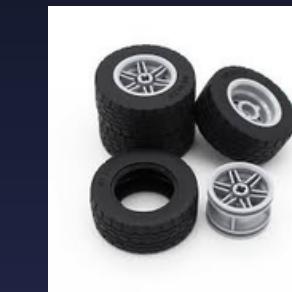
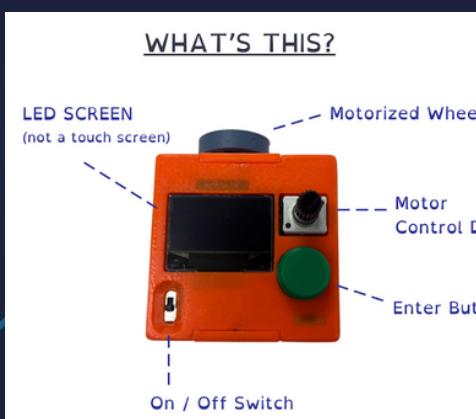
DEFENSE-FOCUSED BOTS RELY ON DURABILITY, CONTROL, AND COUNTER-STRATEGY TO OUTLAST OPPONENTS.

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)



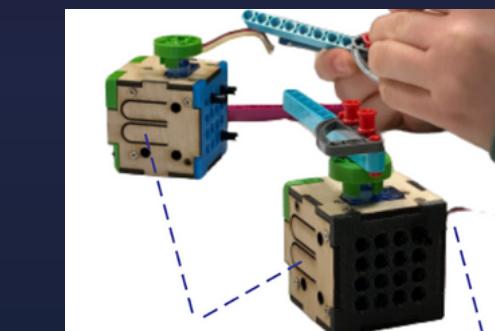
MOBILITY (WHEELS OR LEGS)

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 + POPCICLE 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.