

Costackertition

Presented by LiveWire Robotics
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Overview:

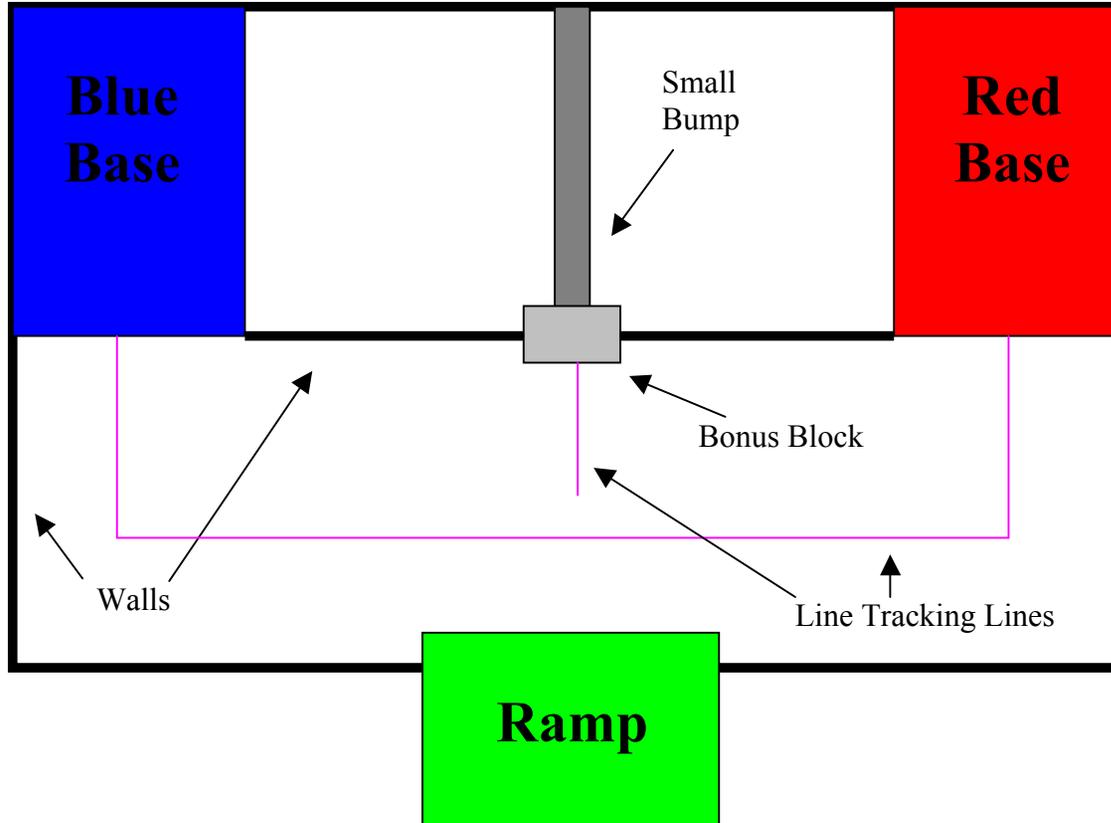
Two teams work together to score as many points as possible. Red and Blue Duplo blocks begin in their respective bases, and robots must move the blocks to the opposite colored base. Red blocks in the Blue base, and vice versa, may be stacked and returned. At the end of the game, robots may climb onto the ramp for bonus points. Each match is 2 minutes long.

General Rules:

- Only two team members may touch the robot each match
- Either of the two team members may touch either team's robot if any part of it is in Base
- Robots may only possess one Stack of game piece at a time
- If you touch the robot outside Base, it must return to base and one Blue or Red block will be removed from the stack it possessed. If it didn't possess a stack, the one will be removed from the highest stack
- Blocks will begin in Base. You may place blocks in or on the robot while it's completely in base.
- You may not touch game pieces outside of Base.
- You may only touch robots in your Base.

Scoring:

- Points are awarded for each stacked block in either base at the end of the match
 - 1 point per block if there are 2-4 blocks in the stack
 - 2 points per block if there are 5 or more blocks in the stack
- 10 points will be awarded for each robot fully supported by the ramp at the end of the match
- 10 points will be awarded if the bonus block is in either base at the end of the match



Stacking:

- When a block of the opposite color or a stack with a top block of the opposite color enters your base, you may stack **one** block of your color on top
- The Blue Base may only add Blue blocks, and the Red Base may only add Red blocks.
- Stacks must always alternate colors

Bonus Block:

- Placed approximately 3 inches above the floor
- Will not be reset if moved
- Can be taken by either team into a base

Tie-Breaking:

- Most ramp points
- Most bonus brick points
- Highest stack
- Number of stacks