

Tic-Tac-Toe Strategy:

The strategy used for tic-tac-toe follows eight steps in decreasing precedence.

1) If a winning move can be made, make it.

I. Check rows

O	O	(O)

II. Check columns

	O	
	(O)	
	O	

III. Check Diagonals

O		
	O	
		(O)

2) If an opponent can make a winning move, block it.

I. Block rows

O	O	(X)

II. Block columns

	O	
	(X)	
	O	

III. Block Diagonals

O		
	O	
		(X)

3) If a move can set up a guaranteed win next turn, make that move.

- I. If one piece is in an otherwise empty row, and another piece is in an otherwise empty column, place a piece in the intersection if it's blank

X	O	
O	(O)	

- II. If two pieces are on the ends of a row or column, and the center and adjacent side is free, place a piece on the other end of either diagonal

O	X	O
		(O)

4) If an opponent can set up a guaranteed win next turn, block that move.

- I. If one opponent piece is in an otherwise empty row, and another opponent piece is in an otherwise empty column, place a piece in the intersection if it's blank

X	O	
O	(X)	

- II. If two opponent pieces are on the ends of a row or column, and the center and adjacent side is free, place a piece on the other end of either diagonal

O	X	O
		(X)

5) If the center is available, move into the center.

6) If an opponent is in the corner, move into an adjacent corner if possible.

7) If any corners are available, move into a corner.

8) If any sides are available, move into a side.