Polystars gameboards and pieces

Rules: Treat this as a puzzle at first. Only play the game when you have solved the puzzle. Before putting the pieces on the board, match the polygons with stars so that each polygon-star pair has a different shape combination and a different colour combination to all the others. Place the polygon-star pairs on the board so that no row, column or diagonal has two polygons of the same shape or two stars of the same shape. This is the winning layout. Start the game with an empty board and take turns to put the polygon-star pairs on the grid, using strategies to avoid making it easy for your opponent to win. When all the polygon-star pairs are on the board take turns to exchange the positions of two polygon-star pairs until a winning layout is achieved.

How to win:
The winner is the first player to move the pieces into a winning layout.


Cut out the game pieces a set of 32 small cards as shown below with 4 copies of each polygon and 4 copies of each star in different colours



Play inside the turquoise square for the 4-piece game.
Play inside the green square for the 9-piece game.
Play inside the purple square for the 16 -piece game.
Play inside the orange square for the 25 -piece game.
Play inside the brown square for the 36 -piece game.


