Research has revealed the impact of cognitive-affective strategies (Molds of the Mind) on subjective well-being, interpersonal relationships, or school achievement. However, it seems odd that such strategies could influence the success of chess players, because this game is usually considered to be influenced mainly by technical and cognitive skills. To examine the influence of cognitive-affective molds, 53 chess players, ages from 9 to 16 years old, enrolled in sport competitions, were assigned to two groups, high and low success. They responded to the MOLDES, designed to evaluate individuals molds. The results show that the «Mental Molds» of the most successful players are more realistic, positive and regulators of the emotions, while the molds of the less successful players are more evasive, magic, defensive and inoperative.