

Process of Playing Chess as an Academic Motivation in Organizing Investigative-enquiry Activities among School Pupils

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Issues and Aims defined

- In the Republic of Armenia teaching chess at elementary school level has been practiced since 2011. At the chess Academy of Armenia, together with the development of respective methodological guidelines and books on teaching/learning chess, the psychological and sociological research work among pupils, chess trainers, and parents have been initiated.

Major Aim to be Highlighted

- The influence of the cognitive potential of chess
- Perception of the role of chess
- Situation analysis
- Formation of investigative and enquiry-based motivation

Pivotal issue particularized

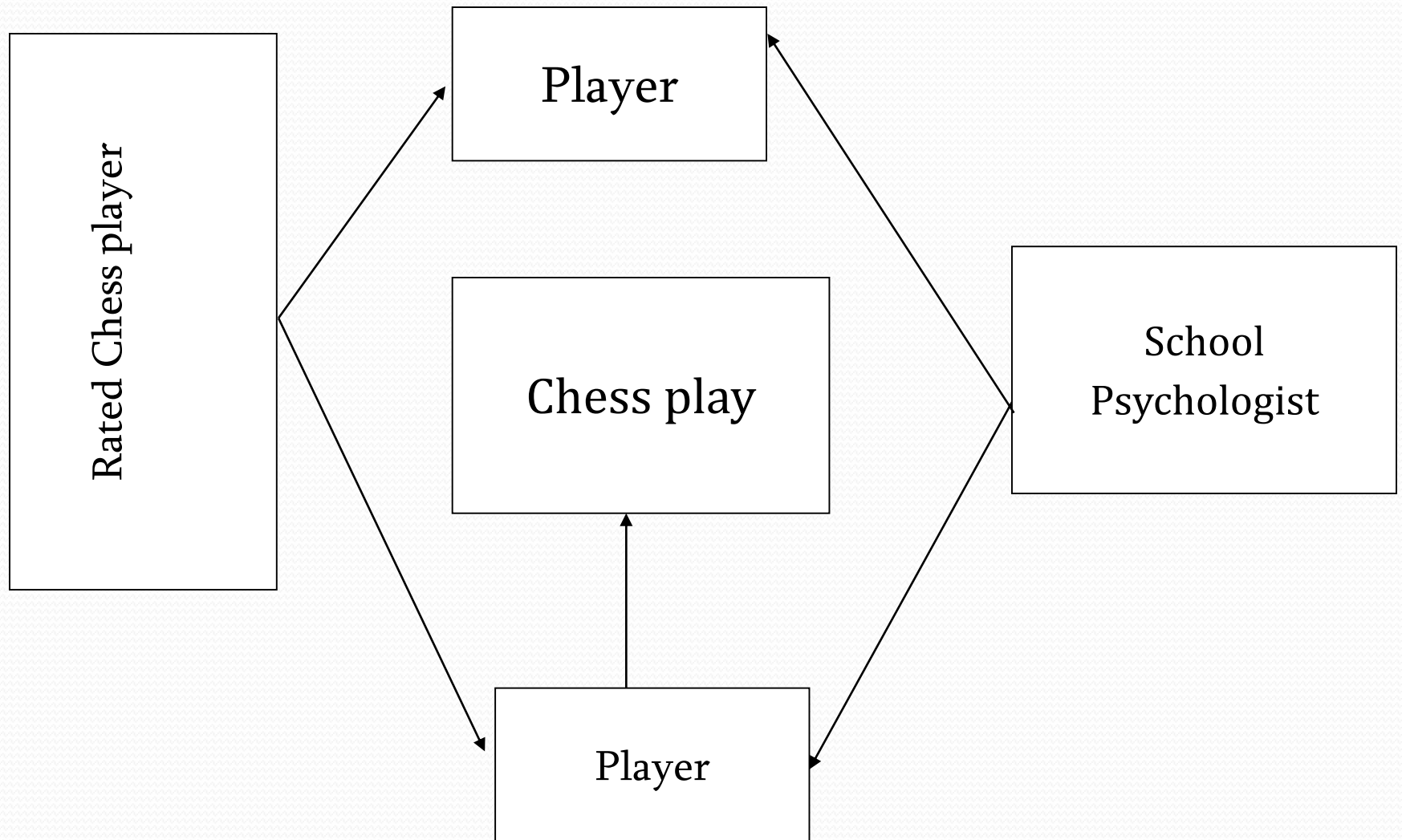
- In the course of a game of chess at early-elementary school level the autonomous enquiry-based and investigative activities (the analysis of situation, organization of defense, developing the moves in response, etc.) **motivate** pupils' cognitive activities, in particular, within the process of the respective tactics and the choice of rational moves.

Research toolkit

- **Reflexive,**
- **Methods,**
- **Techniques,**
- **Laboratory experiments,**
- **Egoscope,**
- **Process of playing chess,**
- **Audio-visual reproduction,**
- **Interview, etc.**

The questions raised by a rated chess-player teacher is alert so that the pupils understand the necessity of every step and the risks that might derive from the opponent.

- What are we going to do...?
- How are we going to defend...?
- Why do we make this move...?
- How much or what is the move expedient for...?
- When can we make that move and in which sequence?



Conclusion

- During the game of chess, organizing pupils for purposeful searching activity, also understanding and analytical processes provides opportunities for encouraging mechanisms that allow us to conclude that these actually are to be introduced as primary educational motives. Chess play is delivered as cognitive studying with vivid focus on the respective motives.



Thank You!