



Pathology of the teaching process considering the learning of chemistry course in the second secondary school of Tabriz city

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Abstract

The main goal of this research is the pathology of the chemistry teaching process considering learning in the second year of high school. The current research is a descriptive-field research and the statistical population consists of a group of chemistry teachers and their students in Tabriz city. For each statistical population, there are 10 closed-ended questions on the Likert scale and 1 open-ended question, considering that the statistical population in question is 15 teachers and 200 students. The data obtained from the questionnaire through data analysis in two The level of descriptive and inferential statistics was done and finally the problems related to the teaching process and its importance were identified and solutions were presented. By looking deeply at these problems, teachers are obliged to take basic steps in order to revise their teaching style.

Keywords: Pathology, chemistry teaching, learning process.

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References

- Ali Yasini (2018), comparing the effectiveness of the learning path of elemental analysis by exploratory and traditional methods; A reflection on determining the path of knowledge in learning chemistry, scientific journal of teaching and learning research, period 16, number 2, consecutive 30 autumn and winter 2018 86-73: pp [In Persian].
- Badrian, Kyamanesh (2008) Revision of curriculum requirements in different courses of chemistry education, National conference on challenges and perspectives of the curriculum of the first secondary school. Tarbiat Moalem University of Tehran [In Persian].
- Eilks, Rauch, F., Ralle B. and Hofstein, A. (2013). How to allocate the chemistry curriculum between science and society In Eilks and A. Hofstein (eds) Teaching chemistry-a study book. Rotterdam's: sense publishers. 1-36
- Edgar Dale (April 27, 1900 in Benson, Minnesota, – March 8, 1985 in Columbus, Ohio).
- Mohammad Zare et al., (2014); Comparison of traditional and Bayebi teaching method on the level of creativity and cognitive load in chemistry course, practical research quarterly of innovation and creativity in humanities [In Persian].
- Sharif Sahmeh (2019), researching the knowledge needed by newly graduated chemistry teachers of Farhangian University for teaching experimental science in the first intermediate course, research in chemistry education, second year, third issue, pages 85-96 [In Persian].
- Sheikhi Fini, Ali Akbar; Zarei, Iqbal; Saadatzadeh, Samieh (2012) The effect of cooperative teaching method with emphasis on expressive boldness on students' academic progress in religion and life. Researches on teaching and learning behavior scholar. Second year, third issue, pp. 351-360 [In Persian].