

ABSTRACT

IMPROVING MOTIVATION OF STUDENTS WITH QUANTUM LEARNING MODEL (QUANTUM TEACHING) ON TERMOCHEMICAL MATERIALS IN CLASS XI MAS PN BESITANG

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2013 curriculum is used for mastering millennial era skills so Chemistry learning in high school / MA is seen not only for the transfer of knowledge and skills (transfer of knowledge and skills) to students, but also to build high-level thinking skills (analytical, synthetic, critical, creative, and innovative) through scientific work experience. Material in thermo chemistry is concept and often considered difficult by students. For this reason teachers / researchers need to improve the motivation of students by conducting Classroom Action Research (CAR) in quantum teaching models (Quantum Teaching). The research method created is classroom action research (PTK) to motivate students by using the teaching model of quantum teaching, power point media, and by using the discovery approach and inquiry also using snake and ladder games for evaluation at the end of the material. The purpose of this study is for the learning and learning process to run smoothly and directed so that the class average value for thermo chemical material is ≥ 80.0 . This study used a qualitative approach and was carried out in MAS PN BESITANG Langkat North Sumatra, in class XI-1 and the time of the study was carried out in the odd-semestered of the 2018/2019 school year. The results of the research for student motivation are the average percentage for positive indicators from cycle I to cycle V, there is an increase in the average value of 82.48, which means that it is greater than 80.0, meaning that the purpose of this study has been achieved.

Keywords: PTK, Quantum Teaching