DO YOU LIKE SCIENCE? RESULTS OF POLISH STUDENTS QUESTIONNAIRE SURVEY IN PISA 2015 STUDY

M. Chrzanowski\textsuperscript{1}, K. Spalik\textsuperscript{2}, E.B. Ostrowska\textsuperscript{1}

\textsuperscript{1} Educational Research Institute, Instytut Badan Edukacyjnych (POLAND)
\textsuperscript{2} University of Warsaw, Faculty of Biology (POLAND)

Abstract

Science was the main domain of PISA (Programme for International Student Assessment) study in 2006 and in 2015. Students from Poland took part in both of these studies. In two cycles of PISA study 2006 and 2015 students were asked about different aspects of their attitude towards science. Specifically they were asked if learning broad science (different aspects of biology, chemistry, geography and physics) and acquiring of scientific knowledge and knowledge about science (How Science Works, HSW, Nature of Science, NOS) gives them fun and satisfaction feeling. Their responses from the questionnaire were used to construct the enjoyment of learning science index. There were two countries in which this index raised most when comparing results from 2006 and 2015: Ireland and Poland. In the paper we would like to provide the explanation for this change – what were the main factors influencing such a change.

Keywords: PISA, questionnaire, science, enjoyment index.