



GIREP-EPEC

Transforming physics learning via Research & Practice
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Type: **Poster**

Analysis of Performance of Slovak Pupils in the Physics Part of IJSO According to Revised Bloom's Taxonomy in 2023 and 2024

Monday 30 June 2025 16:30 (1 hour)

The paper presents the results of an analysis of the performance of pupils who attended international rounds of the International Junior Science Olympiad (IJSO) in 2023 and 2024 (6 pupils each year). The goal of the analysis is to find out how a selected sample of Slovak pupils performs on standardized tests, to be more precise, to find out the extent to which pupils lack the ability to use certain cognitive processes to solve physics problems. Based on the analysis, Slovak pupils demonstrated consistent performance in tasks requiring Applying but faced challenges with tasks involving higher cognitive processes like Analysing.

Education level

Age 12-15 (Secondary education)

Physics topic

Full curriculum

Research focus

Other

Research method

Other

Organizing preference criteria

Education level

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