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Type: **Oral presentations**

The Use of Visual Representations for Light and Sound Topics in Science Textbooks: A Cross-Cultural Study

Monday 26 August 2024 17:10 (20 minutes)

This study compared graphical representations in primary school science textbooks in Turkish and English contexts regarding the light and sound concepts in physics. 186 visual representations were analyzed across four textbooks using document analysis methodology. The analysis encompassed graphical types (e.g., iconic, schematic), indexing and captioning of representations, quality (dynamic vs. static), and function of visuals. Results revealed differences between Turkish and English science textbooks, indicating variations in the representation of light and sound topics.

How would you like to present your contribution?

Live in Kraków (time slot to be allotted based on the programme)

Target education level

Early Science/Primary

Category

Formal Education

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