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How well do physics textbooks meet the the development of Scientific Literacy skills

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Physics textbooks are viewed as primary resources for the implementation of curricula throughout the world. Scientific literacy (SL) skills are a core goal of physics education in many curriculum documents, in which four aspects of SL are recognized: Science as (1) a body of knowledge, (2) a way of investigation, (3) a way of thinking, and (4) the interaction amongst science, technology, and society. This paper, which forms part of a broader review, highlights a gap between curriculum and content and concludes that most physics textbooks cover aspect (1) of SL adequately, but that they significantly understate the other three aspects.

How would you like to present your contribution?

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

Target education level (primary)

Lower-secondary education

Target education level (secondary, optional)

Higher-secondary education

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