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Problem Based Learning and Renewable Energy Sources in the scenario of the Brazilian New High School

In this presentation, I will talk about Problem Based Learning in the scenario of the New Brazilian High School, bringing the theme of alternative energy sources. Formal school education worldwide has been undergoing a change of paradigm in recent decades, in the search for the formation of critical citizens aware of their role in social and environmental issues that arise in modernity. Competency teaching is part of this reality and Problem Based Learning aims to develop conceptual, attitudinal and procedural skills in students. Therefore, I will present a summary of the general competences foreseen in the new Brazilian Common National Base for Basic Education, in particular considering the themes related to Renewable Energy Sources.

Keywords: Problem Based learning; Brazilian BNCC; competency teaching; Renewable Energy Sources.