

Review of: "The H.O.T. Box as a Metacognitive Tool: Insights Into Effectively Fostering Formal Explicit Theory in the Physics Classroom"

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Potential competing interests: No potential competing interests to declare.

This study investigates the effectiveness of the Higher Ordered Thinking Box (H.O.B) as a tool to foster metacognition in physics problem-solving. While the study is intriguing, similar research has been conducted previously. How will this study contribute to the field? Several aspects of the manuscript require revision. Please address the following points:

Introduction Section: Clearly explain the rationale for choosing the H.O.B.

Discussion Section: Focus on analyzing the results related to this project rather than extensively describing the H.O.B.

Emphasize the significance of the data, and ensure most references are recent.