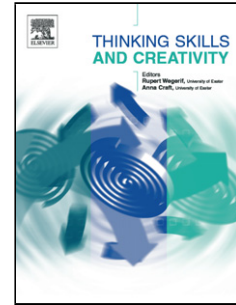


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Exploring the effects of classroom learning environment on critical thinking skills and disposition: A study of Hong Kong 12th graders in Liberal Studies

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Highlights

- The effects of classroom learning environment on critical thinking skills and disposition were explored.
- A two-level model of classroom learning environment for critical thinking with seven dimensions at the first level and three broader aspects at the second was generated.
- Classroom learning environment bared a greater relationship with critical thinking disposition than skills.
- There was a mediation effect of critical thinking disposition between classroom learning environment and critical thinking skills.

Abstract: This study explored the effects of the classroom learning environment of a Liberal Studies course on the critical thinking skills and disposition of 3,869 Grade 12 students in Hong Kong. Through combining both exploratory and confirmatory factor analyses, a two-level model of the classroom learning environment for critical

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