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Formal Operational Reasoning Modes: Predictors of Critical Thinking Abilities and Grades Assigned by Teachers in Science and Mathematics for Students in Grades Nine through Twelve.

J. Res. Sci. Teach. 28, No. 3, 265-74 (1991).

The five formal operational reasoning modes in the Group Assessment of Logical Thinking were found to be statistically significant predictors of critical thinking abilities as measured by the Watson-Glaser Critical Thinking Appraisal and were significant predictors of science and mathematics grades. (ERIC)

Classification: C33

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