The Relations among Temperament, Self-Regulation, and Academic Achievement in Adolescence

Wu Cheng-Jui, She-Chi Lin

E-mail: 9800858@mail.dyu.edu.tw

ABSTRACT
This study focuses on the interaction between temperament, self-regulation, and academic achievement in adolescence. The sample consisted of 1200 junior high school students from Taiwan. Temperament (Sociability, Activity, Emotionality) was assessed by the EAS (Temperament Questionnaire EAS) for adolescence, self-regulation by the SRS (Self-Regulatory Scale), and academic achievement by "The Committee of The Basic Competence Test for Junior High School Students." The first purpose of this study was to explore the relations among adolescence temperament (emotionality, activity, sociality), self-regulation, and academic achievement in junior high school students in Taiwan. The second purpose of this study was to examine self-regulation variables which were stronger predictors of academic achievement than were temperament variables and mediated the relations between temperament indicator and academic achievement from adolescence. There are four results in this study. (1) temperament variables, self-regulation variables and academic achievement were significantly correlation. (2) Sociality variables were significantly positive correlation in self-regulation variables and academic achievement. (3) Emotionality variables and activity variables were significantly negative correlation in self-regulation variables and academic achievement. (4) Emotionality of temperament variables could negative predict self-regulation variables. (5) self-regulation variables could positive predict academic achievement in adolescence. (6) temperament variables could predict academic achievement in adolescence. (7) self-regulation variables which were stronger predictors of academic achievement than were temperament variables and mediated the relations between temperament indicator and academic achievement from adolescence.

Keywords: adolescence, temperament, self-regulation, academic achievement
一、中文部分

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 contiene información sobre la formación y desarrollo de las personalidades, su influencia en el rendimiento académico y la importancia de la reglamentación en el contexto escolar. La obra aborda temas como la teoría de las personalidades, la reglamentación emocional y la adaptación del sistema educativo a las necesidades de los estudiantes. El autor utiliza enfoques cognitivos y de comportamiento para analizar estos temas y propone estrategias para mejorar el rendimiento académico y la satisfacción de los estudiantes. La obra es recomendada para educadores, estudiantes y familias interesadas en el tema de la formación y desarrollo de personalidades.
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