

Title	中等教育における化学教科の課題を用いた創造性テストの開発と評価
Author(s)	烏蘭, 其其格
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Description	Supervisor: 國藤 進, 知識科学研究科, 修士

# Development and Evaluation of Creativity Test for Chemistry in a Junior High School Level

Wulanqiqige

School of Knowledge Science,  
Japan Advanced Institute of Science and Technology  
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**Keyword:** Creativity test, Chemical subject, Secondary school, Creativity and scholastic attainments, Evaluation of creativity.

The research on the evaluation of creativity in the school training includes mathematics and the living thing, etc. On the other hand, the research on the evaluation of creativity in a chemical subject is also a little. Then, the present study takes relativity with the lesson content in addition to the measurement scale of the previous work, proposes the creativity test that uses the problem of a chemical subject for the creativity assessment in a junior high school chemical education, and verifies the utility.

And, "Achievement test", "S-A creativity inspection (creativity test of the past)", and "Creativity test that used the problem of a chemical subject", etc. were executed at the same time for the third grade of junior high-school. In the previous work, there are research results "The correlation of creativity with scholastic attainments is low". In the result of the survey of the present study, as for "S-A creativity inspection", scholastic attainments and a low correlation were shown. As for "Creativity test that used the problem of a chemical subject", scholastic attainments and a low correlation were shown. Therefore, the validity of "Creativity test that uses the problem of a chemical subject" that is the proposal of the present study will be admitted. It is easy for the testee to understand the problem of "Creativity test that uses the problem of a chemical subject" from the questionnaire survey.