

온라인 학습 공동체를 병행한 과학 교수-학습 방법이 한국
고등학생의 만족도와 불만족도에 미치는 요인에 대한 분석

Analysis of the Korean High School Students' Satisfaction and
Dissatisfaction with an Online Learning Community as a Supplementary
Educational Environment for the Science Teaching and Learning

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ABSTRACT

It was investigated the satisfaction and dissatisfaction of students with a new educational system, the Online Learning Community (OLC), which involves Web-based system to supplement the school science curriculum. The students were asked to classify the factors underlying their satisfaction and dissatisfaction with the system, and then analyze changes in that classification over time. Data were collected from 62 Korean junior high school students by interview and by an open-ended questionnaire that was designed to ascertain the reasons underlying their satisfaction and dissatisfaction with the OLC. The main findings in the present study are as follows; first, 'usefulness' as the factor underlying their satisfaction with the OLC and 'student problem' as factors of dissatisfaction were cited most frequently. Second, the citation frequency of 'ease of use' and 'environment problem' increased significantly ($p < 0.0001$) over time. Then, the written response and interview of the students were qualitatively analyzed to investigate the opinions about new educational system, the Online Learning Community (OLC). We need to utilize the Web-based system such as like the OLC as educational tool.

Key words : Web-based system, Online Learning Community (OLC), classification of satisfaction reason and dissatisfaction, change in the classification over time