

## The Effectiveness of a Courseware in 7th Grade Chemistry Lesson

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**Abstract :** In this study a courseware for the learning unit of 'Properties of matters' in chemistry course is developed. The courseware is applied to 15 7th grade (about age 14) students in real settings. As a result of the study it is found that the students' grade in the learning unit significantly increased when they study the courseware themselves. In addition, the score improvements of the students who found the courseware is usable is not significantly higher than the score improvements of the students who did not found it usable.

**Keywords :** computer based instruction, effect of courseware and usability of courseware, 7th grade

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