

Application of Sharing Economy to the Teaching and Learning of Junior High School Geography

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Abstract

This study is to apply the concept of "The sharing economy" (hereinafter referred to as "The shared concept") to the teaching and learning of geography in junior high school, to build a model and to explore its application of teaching and learning attitude by the new Sharing concept. In the experiment, two classes in the seventh grade of the middle school were taken as the research object. The shared concept was implemented in geography teaching in the experimental group, and the ordinary teaching model was carried out in the control group. The study covers "Coast and Islands", and "Weather and Climate," two lessons in Unit 1 of the first semester of the Seventh grade. At the end of each lesson, each smaller group in the experimental group can pose problems and upload the questions to the KAHOOT!, which is acting as the platform for the shared concept and it can be shared them with the researchers. In contrast, students in the control group only work out the ordinary homework assignments on the subject. After 7 weeks, the second test was conducted to compare the learning achievement of two groups of students under different teaching methodologies, and to explore whether there were significant differences in learning effectiveness and attitude between the two groups of students by applying the shared concept in geography teaching.

Results obtained from this research:

- (1) The application of the shared concept has a significant effect on the geography learning performance of middle school students.
- (2) The application of the shared concept has a significant effect on the geography learning performance of students who are rated as medium learning level.

(3) The shared concept applied to teaching has a significant impact on geography learning attitude of middle school students.

Keyword : the sharing economy, KAHOOT !, learning effectiveness, learning attitude