

# Development and Evaluation of a Lesson for “Food in Emergencies” in Junior Highschool’s Home Economics

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## Abstract

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In the event of emergencies and disasters, a range of issues emerge surrounding clothing, food, and shelter. The issue of food is one that has critical outcomes in disasters. Students in Japan must further their understanding of food in the context of emergencies. To that end, we developed a lesson on the subject of food in emergencies and intended for use in junior high school home economics. The lesson was developed with three points in mind: (1) Students obtain knowledge of food in emergencies, (2) Students become aware of issues surrounding food in emergencies and consider preparations and response measures to take to alleviate these issues, and (3) Students share their knowledge with their household member, and re-evaluate their home's approach to food in emergencies. We next offered this lesson in courses and evaluated its effectiveness. Students completed a questionnaire on their knowledge of food in emergencies prior to and after the launch of the lesson. They also completed a questionnaire given one month after the lesson concluded that contained a free-response section. The effectiveness of the lesson was then evaluated using these responses. The indurated found that students had obtained knowledge on food in emergencies and the issues therein, with students considering preparations and measures to take. Therefore, all results suggest that the lesson we developed is effective concerning point (1) and (2).

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*Key words*; junior high school’s home economics, food in emergencies, disaster food, rolling stock, development of lesson