Public Abstract
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Electronic networks have provided new intellectual environments where people can accumulate their cognitive power and have increased the necessity to provide students opportunity to learn together beyond classroom walls. In this respect, this study investigated the applicability of the Wiki as a collaborative problem solving tool in Korean secondary gifted educational environments.

Fourteen Korean secondary gifted students enrolled in a calculus II course, including two females, in a gifted school in Korea collaboratively solved ten calculus problems for 70 days. In this study, students collaboratively solved the problems using the Wiki. Students developed various solutions together by pinpointing and removing errors in other students' solutions or by supplementing others' ideas. Thus, this study provides evidence that the Wiki provided Korean secondary gifted students opportunity to experience learning together in virtual space in spite of the inconvenience of writing mathematical expressions using the Wiki.