REWARD-BASED APPROACH IN IMPROVING ATTITUDES TOWARDS MATHEMATICS AND PROBLEM SOLVING SKILLS OF PRACTICE TEACHING STUDENTS

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The main purpose of this study was to determine if attitudes towards Mathematics and problem solving skills of students can be improved through the use of reward-based approach. The study was conducted with a sample size of 23 elementary practice teaching students who were not specializing in Mathematics yet they will be handling these subjects when they become full-fledged teachers in the elementary school. They were purposively selected by their regular attendance in MAT 47 class. Findings revealed that before the intervention, the participants were on the average level of attitude in Mathematics and less skilled on problem-solving. However, after the intervention, they were already on the high level of attitude and highly skilled on problem solving. Using the t-test for dependent data at 0.05 level of significance to test the significance of difference, it was found out that rewards-based approach using grade-points is an effective tool in improving the attitude level and problem solving skills of practice teaching students.