

Thesis Title	The Application of Multiple Intelligences in Developing Science Learning of Students with Hearing Impairment in Matthayom 3
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ABSTRACT

The objectives of this experimental research were: 1. to develop learning ability in science subject of students with hearing impairment based on multiple intelligence theory, 2. to study achievement in science learning of students with hearing impairment, 3. to study the prominent intelligence of students with hearing impairment, and 4. to study the satisfaction in science learning. The target group was 10 students with hearing impairment in Matthayom 3 of Sot Sueksa Nakhonpathom School in Nakhonchaisi district of Nakhonpathom province in the semester 2 of academic year 2016. The research instruments consisted of; 1) A module of activities in Science subject based on Multiple Intelligence theory, 2) Science subject test, 3) Evaluation form for activity module based on Multiple Intelligence theory, and 4) questionnaire for satisfaction in science learning. The data were analyzed by percentage, mean and standard deviation.

The results of the study found that:

- 1) four students (40%) passed the criteria level and six students (60%) failed,
- 2) four students (40%) passed achievement score in science subject and six students (60%) failed,
- 3) the prominent intelligence of students in inter-personal was the highest (Mean = 3.80), followed by language (Mean = 3.60), understanding the nature (Mean =3.50), and logic and Mathematics (Mean = 3.00) respectively, and 4) the average satisfaction level in science learning was high (Mean = 4.03, S.D. = 0.44).

Keywords: Science Subject, Activity Module, Multiple Intelligence Theory