

Independent Study Title	Development of Mathematics Learning Titled Fraction of Prathom Suksa 4 Students Through 4MAT Teaching Method
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ABSTRACT

The purposes of this study were to construct the learning plans titled Fraction through 4MAT teaching method for Prathom Suksa 4 students, to study the Prathom Suksa 4 students' learning achievement on Fraction after learning through 4MAT teaching method, and to study the students' opinions on learning mathematics through 4MAT teaching method. The target group was 15 Prathom Suksa 4 students, studied in the second semester of 2009 academic year at Patana Ton Nam Khun Khong School, Chiang Dao District, Chiang Mai Province. The instruments were 6 Mathematics learning plans using 4MAT teaching method consumed 12 teaching hours, learning achievement test and opinionair on learning mathematics through 4MAT teaching method. Data analyzed by average percentage, then presented through tables with description.

The findings were :

1. The 6 learning plans constructed through 4MAT teaching method consumed 12 teaching hours could develop mathematics learning of Prathom Suksa 4 students.
2. After learning through 4MAT teaching method, the average percentage score of students' mathematics learning achievement was 68.22%, which was higher than the set criteria of 60.00%.
3. The students' opinions on learning mathematics through 4MAT teaching method was at very agreeable level.