

4. แบบการเรียนรู้แบบพิ่งพา ไม่มีความสัมพันธ์กับผลสัมฤทธิ์ทางการเรียนของผู้เรียนที่เรียนรู้ด้วยเทคนิค 4 MAT

5. แบบการเรียนรู้แบบแบ่งชั้น มีความสัมพันธ์กับผลสัมฤทธิ์ทางการเรียนของผู้เรียนที่เรียนรู้ด้วยเทคนิค 4 MAT อย่างมีนัยสำคัญทางสถิติที่ระดับ .05

6. แบบการเรียนรู้แบบมีส่วนร่วม มีความสัมพันธ์กับผลสัมฤทธิ์ทางการเรียนของผู้เรียนที่เรียนรู้ด้วยเทคนิค 4 MAT อย่างมีนัยสำคัญทางสถิติที่ระดับ .01

Abstract

The objective of this research was to study the relations between learning achievement and the learning style of learners by means of the 4 MAT technique in the course on agricultural work for secondary grade 1 at Novamindarachutit Thaksin School, Songkhla Province. The sample, by purposive sampling, consisted of 45 students of secondary grade 1, class 1/8, in the second term of the 2007 academic year. The research instruments were 1) two units of learning plans by 4 MAT technique in the course on agricultural work for secondary grade 1, the first unit being about preparations before planting and second unit about plant-production process, for a total of six plans of two periods each, each period lasting 50 minutes, with 12 periods in all; 2) six plans of learners' learning-style survey, namely, independent style, avoidance style, cooperative style, dependence style, competitive style, and participatory style; 3) a knowledge-measurement test; and 4) a form of evaluation of the practical part. The data were analyzed by means of percentage, mean, standard deviation, correlation coefficient, and testing of statistical significance.

The research findings may be summed up as follows.

1. The independent style of learning related to the learning achievement of learners by means of the 4 MAT technique.
2. The avoidance style of learning did not relate to the learning achievement of learners by means of the 4 MAT technique.
3. The cooperative style of learning related to the learning achievement of learners by means of the 4 MAT technique at the .01 level of statistical significance.
4. The dependence style of learning did not relate to the learning achievement of learners by means of the 4 MAT technique.
5. The competitive style of learning related to the learning achievement of learners by means of the 4 MAT technique at the .05 level of statistical significance.
6. The participatory style of learning related to the learning achievement of learners by means of the 4 MAT technique at the .01 level of statistical significance.

