

The purpose of this research was to develop the Curriculum of Chemical Agent Unit in Life Experiences Area according to the Elementary School Curriculum B.E.2521 for Prathom Suksa four, Changwat Roi Et. Research findings were as follows:

According to this curriculum development there were curriculum documents and curriculum materials for learning and teaching Chemical Agent Unit in Life Experiences Area for Prathom Suksa four students in Changwat Roi Et which consisted of 9 teaching plans, 28 periods involving content related to learning objectives and were relevant to the Elementary School Curriculum B.E.2521.

With regards to curriculum quality, it was found that after the experiment, the scores of achievement test of students in experiment groups were higher than those of the controled groups in chemical knowledge and science procession. Achieved students were increased more than students in controlled groups.

The appraised results of teachers' opinions in experimental groups it was found that the curriculum application was very interesting. Teachers rated that the instructional activities were interesting at the moderate level.

The appraised results of the opinions of students in experimental groups for the application of content in chemical agent unit for daily lives was applicable at the moderate level. Learning and teaching activities and materials used were also interesting at the moderate level.