

**Title** Report on the Development of the Teaching series on the Development of Thai history Rattanakosin period, By using a 7-Step Learning Process ECoTEPDEL MODEL, Course S 23103 History 5 For students in Mathayom 3 Academic year 2019, Petpittayakom School Phetchabun Province.

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### **Abstract**

The purpose of this study was (1) To develop and find the effectiveness of the teaching set on the development of Thai history during the Rattanakosin period. By using a 7-Step learning process ECoTEPDEL MODEL Course S 23103 History 5 for students Mathayom 3 according to 80/80 criteria. (2) To compare the pre-study achievement and after-study of the students who studied with the teaching set on the development of Thai history. Rattanakosin period By using a 7-step learning process ECoTEPDEL MODEL Course S 23103 History 5. (3) To study the satisfaction of students in Mathayom 3 towards the use of teaching series on the development of Thai history in the Rattanakosin period By using a 7-step learning process ECoTEPDEL MODEL Course S 23103 History 5. The sample group consisted of students in Mathayom 3, academic year 2019, Petpittayakom School. Phetchabun Province, 38 people, which were obtained from a simple random. The tools used in the study consisted of (1) Teaching series on the development of Thai history in the Rattanakosin period By using a 7-step learning process ECoTEPDEL MODEL Course S 23103 History 5 For students Mathayom 3. (2) A test to measure learning achievement, subject S 23103, History 5 for students Mathayom 3, it is a 5-level estimation scale with 13 items. The statistics used to analyze the data were percentage, mean, standard deviation and t-test (Dependent t-test).

The results showed that (1) The results of finding the effectiveness of the teaching series on the development of Thai history in the Rattanakosin period. By using a 7-step learning process ECoTEPDEL MODEL Course S 23103 History 5 For Mathayom 3 students developed by the study, the efficiency (E1/ E2) was 7.91/85.43, which met the 80/80 criteria. (2) the student's academic achievement before and after studying who studied with a teaching series on the development of Thai history in the Rattanakosin period By using a 7-step learning process ECoTEPDEL MODEL Course S 23103 History 5 For students Mathayom 3 after higher education than before with a teaching set statistically significant at the .05 (3) The level of satisfaction of Mathayom 3 students towards the use of the teaching package found that the satisfaction level of students at the highest level with a total average of 4.65