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**PENGARUH MODEL KOOPERATIF TIPE TPS (*THINK-PAIR-SHARE*) DENGAN
METODE EKSPERIMEN DISERTAI TEKNIK *CONCEPT*
MAPPING TERHADAP SIKAP ILMIAH DAN HASIL BELAJAR
FISIKA SISWA KELAS X DI SMA NEGERI 2 TANGGUL**

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Abstract

Cooperatif type Think Pair Share is one of simply cooperative learning model that gives chance to the students to do individually and cooperatively. Whereas experimental method is a teaching strategy that allows the students to do experiment about something, observe the process and write down the result of the experiment, after that they explain it in front of the class and it will be evaluated with the teacher. Further, concept mapping technique that show the concepts of every branch of science. The purposes of this research are to analyze the influence of cooperative model think pair share type with experiment method by using concept mapping to scientific attitudes and learning outcome of students grade X at SMAN 2 Tanggul. The type of this research is true experiment by using post test only control group design. Data analysis is using t-test. The conclusion of this research showed that the result of significant scientific attitudes based on independent analysis sample t-test was $0,002 \leq 0,05$ and the result of significant learning outcome based on independent analysis sample t-test was $0,018 \leq 0,05$ so cooperative model think pair share type with experiment method by using concept mapping influenced the scientific attitudes and learning outcome of students grade X at SMAN 2 Tanggul.

Keyword: *concept mapping technique, experiment method, learning outcome, scientific attitudes, think pair share model*