

**PENINGKATAN KETERAMPILAN PRAKTIK DAN SIKAP ILMIAH SISWA
MELALUI PENDEKATAN SAINTIFIK PADA PEMBELAJARAN FISIKA
(Suatu Penelitian Tindakan Kelas di SMAN 1 Cikarang Utara)**

**THE ENHANCEMENT OF PRACTICE SKILLS AND SCIENTIFIC
ATTITUDES THROUGH SCIENTIFIC APPROACHES
IN PHYSICS INSTRUCTION
(A Classroom Action Research in SMAN 1 Cikarang Utara)**

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ABSTRACT

This study aims is to provide an alternative learning can improve practice skills and scientific attitudes of high school students in the following study physics. Furthermore, expected to result in increased learning outcomes physics class X of SMAN 1 Cikarang Utara through physics learning program with scientific approach. Research conducted including action research Elliott models with 3 cycles. Data obtained practice skills of observation activities of the students at the time of the physics lab. Data obtained from the students' scientific attitudes questionnaire at each cycle. Data studied physics results obtained from the acquisition value of pretest and posttest in every cycle. The results show that the employability skills of students for learning through scientific approach shows the situation improved. Implementation of learning through scientific approaches also lead to an increase in the scientific attitudes in students. Dimension scientific attitudes that experienced the highest increase is in the competence flexible. Physics achievement in each cycle also increased. It can be seen from the number of students who scored with criteria to be completed in each cycle both about the pretest and posttest questions increased. The highest students' cognitive abilities of multiple choice question featuring a matter at the level of recall. Thus through the application of scientific approaches can improve practice skills, scientific attitudes and physics achievement.

Keywords: *practice skills, scientific attitudes, physics achievement, scientific approaches*