



**PENINGKATAN AKTIVITAS BELAJAR DAN KETUNTASAN HASIL  
BELAJAR IPA-FISIKA MENGGUNAKAN MODEL COOPERATIVE  
LEARNING TIPE NHT (*NUMBERED HEAD TOGETHER*) PADA SISWA  
KELAS VII-D SMP NEGERI I SUKOWONO.**

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*(Improving Students' Activity and Achievement of Physics by using Model of Cooperative Learning type NHT (Numbered Head Together) in class VII-D students of SMP Negeri I Sukowono)*

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**Abstract**

*Physics is part of the science that deals with how to find out about the systematic nature of the invention, the mastery of knowledge in the form of a collection of facts, concepts, or principles, and prospects for further development in applying the knowledge in every life. At present many problems that arise in the process of learning physics in the classroom, such as physics teaching methods that teachers use less innovative, the absence of variation in the use of instructional media, so the students thought that physics was difficult and ultimately affect the low activity and exhaustiveness student learning outcomes. This problem can be overcome by applying a model of Cooperative Learning type NHT (Numbered Head Together) in the learning process. model of Cooperative Learning type NHT (Numbered Head Together) is a model of learning that its application to provide an opportunity for groups to share result and information with the group. In the student learning can be directed to cooperate, to develop themselves, and individually responsible, resulting in a high achievement, more positive relationship, and better psychological adjustment. After administering this a model of Cooperative Learning type NHT (Numbered Head Together), the result is (1) improving students' activity of the VII-D class of SMP Negeri I sukowono (2) improving students' achievement of the VII-D class of SMP Negeri I sukowono.*

**Keywords:** Numbered Head Together, students activity, achievement.

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**PENDAHULUAN**

Fisika merupakan ilmu pengetahuan yang dapat

mengembangkan kemampuan berpikir analitis induktif dan deduktif dalam menyelesaikan masalah yang berkaitan