

**COMPARATIVE STUDENT LEARNING OF CO-OPERATIVE TYPE OF
STAD WITH JIGSAW (AT) SUB ITEMS SYSTEM OF INDERA (AT)
HUMAN BEING OF XI IPA SMA PLUS OF MUHAMMADIYAH
TOWN OF SUBULUSSALAM NANGGRO ACEH
DARUSSALAM T.P 2012/2013**

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ABSTRACT

This research aimed to to know Comparison Of Result Learn Student to use Model Study Of Co-Operative Type of STAD with Jigsaw Sub Items System of Indera Human Being To Result Learn Student class of XI IPA Sma Plus of Muhammadiyah Subulussalam T.P 2012 / 2013. this Research type is experiment. This research is done/conducted two different class. Masing - masing amount to 36 students so that totalize sampel is 72 student IPA klas. Appliance data collecting in this research is tes which in form of multiplechoice counted 20 problems by 5 choice (and a,b,c,d of e), before item of tes used as instrument, beforehand researcher test the the problem to different student to know validity and his him. From examination result 20 valid problem. After instrument is isn't it obtained that sampel have normal distribution and have varians the sameness homogeneous. To know formulated hypothesis by using statistical test t. this Research result is obtained that value flatten - flatten STAD pre-test obtained that is 34,86 and value of pre-tes Jigsaw obtained that is 31,52. While result flatten - flatten STAD pos-test obtained that is 60,55 with deviasi standart 12,57 and value of pos-test Jigsaw obtained that is 55,69 with deviasi standart 13,37 system items sub of indra human being. Comprative value of pos-test STAD With Jigsaw 1: 1,08. Thereby result of learning taught student use model study of type co-operative of STAD better than model study of type co-operative of Jigsaw. Criterion in examination of hypothesis, Ho accepted if $t_{hitung} < t_{tabel}$ and for other price Ho refused at the same time accept Ha. Price of Ttabel to = 0,05, with dk = 70 (36+36-2) searchtive ed to use formula of interpolasi linear that is equal to 1,659. Becoming price of $t_{1/2}$ is 1,659 and value of thitung the got is 4,351. Pursuant to above criterion that H_a accepted.

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