

# PENINGKATAN KETERAMPILAN BERTANYA, KETERAMPILAN KOOPERATIF DAN PEMAHAMAN KONSEP BIOLOGI SISWAKELAS VIII A MELALUI PEMBELAJARAN KONTEKSTUAL MENGGUNAKAN STRATEGI KOOPERATIF JIGSAW DI SLTP MUHAMMADIYAH 06 DAU MALANG



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## ABSTRACT

Process study of Biological IPA in SMP Muhammadiyah 06 Malang Dau show that skill of student in enquiring is very low. Lower skill of student enquire seen student still less self confidence, unfavourable used language, often chok up- sendat and often happened repetition of sentence or word. So that what in submitting ill defined student and question which in submitting directional becoming not. Lower him ability of student in enquiring to result student incapable of developing contemplative faculties toward broader. This cause protege we difficult to comprehend items-studied items, they are cendrung knock by heart concepts without comprehending content of concept

Co-operative strategy of jigsaw represent one of the study strategy where student learn in small group which is hetrogen, to finish study duties, in study of co-operative of jigsaw, student of intertwine communication, where the students will shar opinion and idea, discussing each other the problem of with its friend so that will in obtaining and involvement of responsibility every student to learn and inform result learn him

This research type represent research of class action partisipative qualitative. Research planning which in use consist of planning , action , perception, and refleksi. This research in executing in three cycle with six times meeting. Its target of him that is class of VIII A which consist of 36 student. Data collecting method in obtaining from result of evaluation and observation and analysed by deskriptip. This research aim to to increase skill of student in enquiring, student co-operative skill, and also understanding biological concept use co-operative strategy of jigsaw. Result of research of show that skill of student mean in enquiring from cycle of I until III mount that is from 57,6% at cycle of I become 74,2% becoming 81,7% at cycle of III. So also with skill of student co-operative of cycle of i until cycle of III natural make-up of that is equal to 19,5% from 47,2% becoming 66,7%, and from cycle of II till cycle of III mount equal to 7,3% that is from 59,4% becoming 66,7%. while to the understanding of student have giving mean action every natural cycle is make-up of that is cycle of I equal to 72,4% becoming 74,4% at cycle of II and become 88,9% at cycle of III.