

COMPARISON OF USING GUIDE INQUIRY MODELS AND MODIFIED  
FREE INQUIRY MODELS TO IMPROVE UNDERSTANDING OF  
CONCEPTS AND CURIOSITY IN THE SUBJECT OF  
SCIENCE IN FIFTH GRADE ELEMENTARY SCHOOL

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ABSTRACT

This study aims to determine the level of comparative understanding of concepts and curiosity of students on the material functions of human digestive organs using models guide inquiry and modified free inquiry. Research method used quasi experiment with pre-post control group design. In this study the fifth grade A used guide inquiry models, but fifth grade B used modified free inquiry at Pameuntasan 1 elementary school's district kutawaringin-bandung with a thirty student's. The instruments used consist of concept comprehension test, student activity observation sheet, teacher activity observation sheet, teacher document assessment sheet, and student response questionnaire. The results show's (1) indicate a significant understanding of concepts in the class guide inquiry model's and class modified free inquiry model's. (2)there is a difference of student's response to learning between class guide inquiry model's and class modified free inquiry model's; (3) there is a difference in student's activity at the same time of learning between the class guide inquiry model's and the class modified free inquiry model's; (4) teacher activity during the course of learning in the class guide inquiry model's and class modified free free inquiry model's is imporved with very good criteria (5)documents created by the teacher in teh class guide inqiyr model's and class modified free inqiry model's improved with very good criteria; (6)there is a significant difference of curiosity between the guide class guide inquiry model's and class modified free inquiry model's.

Key word : guide inquiry, modified free inquiry, function of human digestive organs