

ABSTRACT

Dinda Kurnia Noer Iqlima (2020) **STUDY ON SCIENTIFIC APPROACH TO IMPROVING STUDENT'S CRITICAL THINKING ABILITY** (*Literature Study in Grade IV SD Negeri Karyawangi, Parongpong District*).

This research is motivated by the low level of critical thinking of students because the applied learning system has not optimized students' critical thinking skills, and learning is still one-way, so that students can only master the material presented by the teacher, and make it easier for students to remember rather than understand concepts. During the learning process in class, students are less active both in discussions and in responding to questions from the teacher. This study aims to determine: (1) the steps of using a good scientific method to train students with critical thinking skills. (2) the characteristics that students have the ability to think critically with scientific strategies. (3) To determine the increase in students' critical thinking skills after carrying out learning with a scientific approach. In this study, researchers used a type / research method in the form of Library Research. Library research is a type of research that uses a variety of materials to collect intimate information and data through various documents, books, notes, magazines, journals, other references and related previous research results to obtain answers and theoretical basis for the questions to be studied. The results showed that the steps of the scientific method were observation, asking questions, seeking information, and communicating the results of discussions / confirmed by the teacher. The characteristics of students who have critical thinking skills are: (1) With the increasing number of interactions between students, (2) Students can ask open-ended questions, (3) Students can reflect on questions raised or raised by problems, (4) Students can use their newly acquired abilities to deal with other situations. Based on the results of research journals, it can be concluded that the increase in critical thinking has reached 80% because it has used a scientific approach.

Keywords: *scientific approach, critical thinking.*