

Lessons Study Application of Assessment for Learning and Assessment as Learning to Enhance Teacher's Pedagogical Competence and Quality of Science Learning in Junior High School

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ABSTRACT

These lessons study activities aim to improve the quality of student assessment so that they can apply authentic assessments as requested in the 2013 Curriculum so as to increase teacher pedagogical competence and the quality of student learning outcomes. Conventional assessment tends to be done to measure student learning outcomes. In this context, assessment is positioned as if the activity is separate from the learning process. Utilization of assessment is not just knowing the achievement of learning outcomes, rather what is more important is how assessment can improve the ability of students in the learning process. Assessment should be carried out through three approaches, namely assessment of learning (assessment of learning), assessment for learning (assessment for learning) , and assessment as learning (assessment as learning). With this lesson study activity it is expected that teacher competency in the field of assessment can increase. In this LS activity, it is not specifically developed for assessment of learning, because it is commonly used by teachers, only an explanation of the position and its differences with other assessments is given.

The approach taken in this activity is Lesson study, an approach, to make improvements to learning, which has been carried out with a focus on one of the selected schools through the MGMP of Magelang Regency. Improvements in learning are carried out through collaborative processes between teachers, through collaborative steps with teachers to plan (observe), observe (observe), and reflect on learning (lessons). The results of the lesson study indicate an increase in teacher pedagogical competence and the quality of student learning outcomes. These lessons study activities were carried out in the design of workshops and mentoring starting from the explanation of the use of Assessment for Learning and Assessment as Learning in Junior High School Science Learning, validating and testing the assessment in learning classes, and applying the assessment in all science learning in junior high schools. Evaluation of activities is carried out both from the aspect of the process (workshop and mentoring) and the product aspect (testing the ability of the teacher to apply the assessment in the learning class). At the implementation stage in the field it has been carried out by conducting collaborative partnerships with MGMP IPA SMP in Magelang District, Central Java Province. The results of the lesson study indicate an increase in teacher pedagogical competence and the quality of student learning outcomes. Evaluations are conducted authentically using the techniques of observing the lessons study process (workshops and mentoring) and pedagogical competency assessment using the teacher's ability test to apply the Assessment for Learning and Assessment as Learning in the classroom learning.

Kata Kunci: Lessons study, Assessment for Learning, Assessment as Learning, pedagogic competence, quality of learning