

**PENGEMBANGAN PANDUAN AKTIVITAS PEMBELAJARAN
BERBANTUAN MEDIA PEMBELAJARAN *LEVIDIO PRESENTATION*
TERHADAP LITERASI SAINS DAN KEMAMPUAN METAKOGNITIF
PADA MATERI SIKLUS AIR MUATAN IPA KELAS V SD**

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ABSTRAK

Studi pengembangan ini mempunyai tujuan guna melakukan pengembangan aktivitas pembelajaran berbantuan media pembelajaran *levidio presentation* terhadap literasi sains dan kemampuan metakognitif peserta didik kelas V SD. Studi ini mempergunakan pemodelan 4-D sebagai model pengembangan. Aktivitas pembelajaran berbantuan media pembelajaran *levidio presentation* terhadap literasi sains dan kemampuan metakognitif menjadi subjek dan objek pada studi ini. Sampel pada studi ini berjumlah 41 siswa dari kelas kontrol serta eksperimen. Validasi isi aktivitas pembelajaran diperoleh melalui instrument kuesioner. Hasil validasi isi aktivitas pembelajaran dengan rumus *mean* senilai 4,42 berpredikat sangat baik. Aktivitas pembelajaran berbantuan media pembelajaran *levidio presentation* diputuskan layak serta valid diterapkan pada aktivitas belajar mengajar dikelas V SD. Hasil pengujian hipotesis diperoleh nilai *Sig* < 0,05. Ada perbedaan kemampuan metakognitif serta literasi sains secara parsial maupun simultan antara kelompok peserta didik yang menerapkan aktivitas pembelajaran berbantuan media pembelajaran *levidio presentation* dengan kelompok peserta didik yang menerapkan pembelajaran secara konvensional.

Kata kunci: aktivitas pembelajaran, *levidio presentation*, kemampuan metakognitif, literasi sains

***DEVELOPMENT OF LEVIDIO PRESENTATION ASSISTED LEARNING
ACTIVITIES GUIDE ON SCIENCE LITERATURE AND METACOGNITIVE
ABILITY IN WATER CYCLE MATERIALS OF NATURAL SCIENCE
CLASS V ELEMENTARY SCHOOL***

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ABSTRACT

This development study has the aim of developing learning activities assisted by levidio presentation learning media on scientific literacy and metacognitive abilities of fifth grade elementary school students. This study uses 4-D modeling as a development model. Learning activities assisted by levidio presentation learning media on scientific literacy and metacognitive abilities are the subject and object of this study. The sample in this study amounted to 41 students from the control and experimental classes. The validation of the content of learning activities was obtained through a questionnaire instrument. The results of the validation of the content of learning activities with the mean formula of 4.42 have a very good predicate. Learning activities assisted by levidio presentation learning media were deemed appropriate and valid to be applied to teaching and learning activities in the fifth grade of elementary school. The results of hypothesis testing obtained Sig value <0.05 . There are differences in metacognitive abilities and scientific literacy partially or simultaneously between groups of students who apply learning activities assisted by levidio presentation learning media and groups of students who apply conventional learning.

Keywords: *learning activities, levidio presentation, metacognitive ability, scientific literacy*