

## ABSTRAK

Nia Andina Noviana 2025. Implementasi Model Pembelajaran *Auditory Intellectually Repetition* (AIR) Berbantuan Media *Virtual Interactive Learning* Untuk Meningkatkan Kemampuan Kognitif Siswa SD. Program Studi Pendidikan Guru Sekolah Dasar, FKIP, Universitas PGRI Madiun, Pembimbing (I) Dr. Rissa Prima Kurniawati. S.Pd., M.Pd. (II) Naniek Kusumawati, S.Pd., M.Pd

Kemampuan kognitif siswa VA SDN Grobogan 02 tergolong rendah, terlihat dari hasil belajar yang menunjukkan bahwa hanya 6 dari 17 siswa (35,29%) yang mencapai KKM. Hal ini disebabkan oleh kurang optimalnya proses pembelajaran, seperti penyampaian materi tanpa media, minimnya interaksi dua arah, dan tidak adanya penguatan melalui pengulangan materi. Berdasarkan permasalahan tersebut, penelitian ini bertujuan untuk mengetahui peningkatan kemampuan kognitif siswa dan mengetahui aktivitas guru dan aktivitas siswa setelah diterapkan model pembelajaran *Auditory Intellectually Repetition* (AIR) berbantuan media *virtual interactive learning*.

Hasil penelitian menunjukkan adanya peningkatan kemampuan kognitif siswa. Nilai rata-rata *pretest* sebesar 65,00 meningkat menjadi 72,35 pada siklus I, dan mencapai 87,35 pada siklus II. Persentase ketuntasan belajar siswa juga meningkat dari 35,29% pada pra siklus, menjadi 52,94% pada siklus I, dan mencapai 94,12% pada siklus II. Aktivitas guru dan siswa pun menunjukkan peningkatan dari kategori cukup menjadi sangat baik. Dengan demikian, implementasi model pembelajaran *Auditory Intellectually Repetition* AIR berbantuan media *Virtual Interactive Learning* terbukti efektif dalam meningkatkan kemampuan kognitif siswa SD pada mata pelajaran IPAS.

Kata Kunci : Model Pembelajaran AIR, Media *Virtual Interactive Learning*, Kemampuan Kognitif

## ABSTRACT

Nia Andina Noviana 2025. The Implementation of the Auditory Intellectually Repetition (AIR) Learning Model Assisted by Virtual Interactive Learning Media to Improve the Cognitive Ability of Elementary School Students. Elementary School Teacher Education Study Program, Faculty of Teacher Training and Education, Universitas PGRI Madiun, Advisors (I) Dr. Rissa Prima Kurniawati. S.Pd., M.Pd. (II) Naniek Kusumawati, S.Pd., M.Pd

The cognitive ability of class VA students at SDN Grobogan 02 was categorized as low, as evidenced by the learning outcomes which showed that only 6 out of 17 students (35.29%) reached the minimum mastery criteria. This issue was attributed to the suboptimal learning process, including the delivery of material without media, limited two-way interaction, and the absence of reinforcement through repetition. Based on this problem, this study aimed to examine the improvement of students' cognitive abilities and to analyze teacher and student activities following the implementation of the Auditory Intellectually Repetition (AIR) learning model assisted by virtual interactive learning media.

The results indicated an improvement in students' cognitive abilities. The average pretest score of 65.00 increased to 72.35 in the first cycle and reached 87.35 in the second cycle. The percentage of students achieving mastery also rose from 35.29% in the pre-cycle, to 52.94% in the first cycle, and finally to 94.12% in the second cycle. Additionally, both teacher and student activities showed an improvement from the "fair" category to the "excellent" category. Thus, the implementation of the Auditory Intellectually Repetition (AIR) model assisted by Virtual Interactive Learning media has proven effective in enhancing the cognitive abilities of elementary school students in the IPAS subject.

Keywords : AIR Learning Model, Virtual Interactive Learning Media, Cognitive Ability