

## ABSTRAK

Arum Pursilasari. 2024. *Pengaruh Model Pembelajaran Group Investigation Berbantuan E-LKPD Berbasis Audiovisual Terhadap Sikap Ilmiah dan Hasil Belajar Siswa SMA Negeri 2 Mejayan*. Skripsi. Program Studi Pendidikan Fisika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas PGRI Madiun. Pembimbing (I) Farida Huriawati, S.Si., M.Si., (II) Mislan Sasono, S.Pd.Si., M.Pd.

Sikap ilmiah dan hasil belajar siswa di SMA Negeri 2 Mejayan dinilai masih rendah, salah satu penyebabnya adalah sumber belajar yang diperlukan kurang memadai dan terbatas. Strategi dalam mengatasi semua permasalahan yaitu dengan menerapkan model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual. Penelitian ini memiliki tujuan untuk (1) mengetahui pengaruh model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual terhadap sikap ilmiah siswa SMA Negeri 2 Mejayan, (2) mengetahui pengaruh model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual terhadap hasil belajar siswa SMA Negeri 2 Mejayan, (3) mengetahui ada tidaknya interaksi pada penerapan model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual terhadap sikap ilmiah dan hasil belajar siswa SMA Negeri 2 Mejayan. Jenis penelitian yang digunakan adalah kuantitatif menggunakan metode *Pre-experimental* serta desain *One Group Pretest Posttest*. Penentuan sampel menggunakan teknik *purposive sampling* yaitu peneliti menentukan sampel yang akan diteliti dengan keputusan sendiri. Teknik pengumpulan data penelitian menggunakan metode observasi sikap ilmiah serta metode tes untuk data hasil belajar. Analisis data yang akan digunakan terhadap penelitian ini yaitu uji-t. Hasil dari penelitian ini adalah (1) terdapat pengaruh model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual terhadap sikap ilmiah siswa dibuktikan dengan hasil deskripsi statistik bernilai *sig. 2 tailed* 0,000 yaitu  $< 0,05$  (2) terdapat pengaruh model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual terhadap hasil belajar siswa dibuktikan dengan hasil data deskripsi statistik bernilai *sig. 2 tailed* 0,000 yaitu  $< 0,05$  (3) ada interaksi model pembelajaran *Group Investigation* berbantuan E-LKPD berbasis audiovisual terhadap sikap ilmiah dan hasil belajar siswa dibuktikan dengan hasil data deskripsi statistik bernilai *sig. 2 tailed* 0,000 yaitu  $< 0,05$ .

Kata Kunci : Model Pembelajaran *Group Investigation*, E-LKPD Audiovisual, Sikap Ilmiah, Hasil Belajar

## ABSTRACT

**Arum Pursilasari.** 2024. *The Influence of the Audiovisual Based E-LKPD Assisted Group Investigation Learning Model on the Scientific Attitudes and Learning Outcomes of SMA Negeri 2 Mejayan Students.* Thesis. Department of Physics Education, Faculty of Teacher Training and Education, Universitas PGRI Madiun. Advisor: Farida Huriawati, S.Si., M.Si., Co-Advisor: Mislana Sasono, S.Pd.Si., M.Pd.

Key Terms: Group Investigation Learning Model, Audiovisual E-LKPD, Scientific Attitude, Learning Outcomes

The scientific attitude and learning outcomes of students at SMA Negeri 2 Mejayan still need to improve; one of the reasons is that the required learning resources are inadequate and limited. The strategy for overcoming all problems is to apply the Group Investigation learning model assisted by audiovisual-based E-LKPD. This research aims to (1) Determine the influence of the audiovisual E-LKPD assisted Group Investigation learning model on the scientific attitudes of students at SMA Negeri 2 Mejayan, (2) Determine the influence of the audiovisual based E-LKPD assisted Group Investigation learning model on the learning outcomes of State High School students 2 Mejayan, (3) To find out whether there is interaction in the application of the Group Investigation learning model assisted by E-LKPD based on audiovisuals on the scientific attitudes and learning outcomes of SMA Negeri 2 Mejayan students. The type of research used is quantitative, using the Pre-experimental method and one-group pretest Posttest design. Determining the sample uses a purposive sampling technique; the researcher selects the sample to be studied using his own decision. Research data collection techniques use scientific attitude observation and test methods for learning outcome data. The data analysis that will be used in this research is the t-test. The results of this research are (1) there is an influence of the audiovisual-based E-LKPD-assisted Group Investigation learning model on students' scientific attitudes as evidenced by the results of statistical descriptions with a sig value. 2 tailed 0.000, namely  $< 0.05$  (2) there is an influence of the audiovisual based E-LKPD assisted Group Investigation learning model on student learning outcomes as evidenced by the results of statistical description data with sig value. 2 tailed 0.000, namely  $< 0.05$  (3) there is an interaction between the Group Investigation learning model assisted by audiovisual based E-LKPD on scientific attitudes and student learning outcomes which are proven by the results of statistical description data with sig value. 2 tailed 0.000, namely  $< 0.05$ .