

ABSTRAK

Emiya Salsalina Br Surbakti, NIM 42023351032 (2024). Pengaruh Model *Problem Based Learning* Berbantuan Modul Terhadap Kemampuan Literasi Sains Siswa Pada Materi Klasifikasi Makhluk Hidup.

Penelitian ini bertujuan: (1) Untuk mengetahui Pengaruh Model *Problem Based Learning* Berbantuan Modul Terhadap Kemampuan Literasi Sains Siswa pada Materi Klasifikasi Makhluk Hidup dan (2) Untuk mengetahui Aspek kompetensi yang ditingkatkan melalui model *Problem based learning* berbantuan modul. Metode penelitian yang digunakan adalah quasi eksperimen dengan desain *Pretest and Posttest Control Group Design*. Pengambilan sampel dilakukan dengan teknik *Cluster Random Sampling*. Sampel pada penelitian ini terdiri dari 2 kelas, yakni kelas VII-2 sebanyak 27 orang dan VII-3 sebanyak 25 orang. Teknik pengumpulan data menggunakan tes pilihan ganda untuk memperoleh data hasil tes kemampuan literasi sains. Data dianalisis secara kuantitatif. Simpulan dari penelitian ini adalah (1) terdapat pengaruh model *problem based learning* berbantuan modul terhadap kemampuan literasi sains peserta didik pada materi klasifikasi makhluk hidup, (2) aspek yang ditingkatkan melalui model *problem based learning* berbantuan modul adalah aspek "menjelaskan fenomena secara ilmiah".

Kata Kunci: PBL, Modul, Literasi Sains, Klasifikasi Makhluk Hidup.

ABSTRACT

Emiya Salsalina Br Surbakti, NIM 42023351032 (2024). The Influence of the Module-Assisted Problem Based Learning Model on Students' Scientific Literacy Abilities on the Classification of Living Creatures Material.

This research aims: (1) To determine the influence of the Module-Assisted Problem Based Learning Model on Students' Scientific Literacy Ability in Living Creature Classification Material and (2) To determine the competency aspects that are improved through the module-assisted Problem Based Learning model. The research method used was quasi-experimental with a Pretest and Posttest Control Group Design. Sampling was carried out using the Cluster Random Sampling technique. The sample in this study consisted of 2 classes, namely class VII-2 with 27 people and VII-3 with 25 people. The data collection technique uses a multiple choice test to obtain data on the results of the scientific literacy ability test. Data was analyzed quantitatively. The conclusions of this research are (1) there is an influence of the problem based learning model assisted by modules on students' scientific literacy abilities in the material of classification of living things, (2) the aspect that is improved through the problem based learning model assisted by modules is the aspect of "explaining phenomena scientifically".

Keywords: PBL, Module, Science Literacy, Classification of Living Things.