

ANALISIS PENGELOLAAN ALAT DAN BAHAN LABORATORIUM IPA DI SMP NEGERI 1 SERIRIT

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ABSTRAK

Penelitian ini bertujuan untuk melakukan analisis terkait pengelolaan alat dan bahan laboratorium IPA di SMP Negeri 1 Seririt, dengan fokus pada perencanaan, pemeliharaan, evaluasi alat dan bahan yang rusak serta hambatan-hambatan dalam pengelolaan alat dan bahan. Jenis penelitiannya yaitu penelitian deskriptif kualitatif dengan menggunakan metode kualitatif. Subjek penelitian ditetapkan dengan teknik purposive sampling mempertimbangkan situasi sosial. Subjek yang digunakan di SMP Negeri 1 Seririt; dengan melibatkan kepala sekolah, wakasek sarana dan prasarana, kepala laboratorium, laboran, guru IPA dan siswa. Objek penelitian ini meliputi pengelolaan alat dan bahan laboratorium IPA mencakup aspek perencanaan, pemeliharaan dan evaluasi alat dan bahan yang rusak serta hambatan-hambatan yang terjadi dalam pengelolaan tersebut. Data penelitian dikumpulkan dengan observasi, wawancara, studi dokumen dan angket; serta dianalisis secara deskriptif. Pengecekan keabsahan data pada penelitian ini menggunakan metode triangulasi yaitu triangulasi sumber dan triangulasi teknik. Kesimpulan hasil analisis: yaitu pengelolaan alat dan bahan laboratorium IPA di SMP Negeri 1 Seririt tergolong cukup baik dengan ketersediaan alat dan bahan mencapai 83% standar nasional. Perencanaan dilakukan secara kolaboratif dan berjalan optimal, namun pengadaan terkendala dana. Pemeliharaan dan evaluasi sudah dilaksanakan, meski belum rutin dan maksimal karena ketiadaan tenaga laboran atau teknisi. Hambatan dalam pengelolaan alat dan bahan laboratorium meliputi keterbatasan dana, kurangnya tenaga ahli, dan belum adanya kebijakan pemusnahan bahan kimia kedaluwarsa.

Kata Kunci: pengelolaan, alat dan bahan, laboratorium

ANALYSIS OF SCIENCE LABORATORY EQUIPMENT AND MATERIAL MANAGEMENT AT SMP NEGERI 1 SERIRIT

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ABSTRACT

This study aims to analyze the management of science laboratory equipment and materials at SMP Negeri 1 Seririt, with the focus on the planning, maintenance, evaluation of damaged equipment and materials, as well as the obstacles encountered in the management process. This research employs a qualitative descriptive approach using qualitative methods. The research subjects were selected using purposive sampling techniques, taking into account the social context. The study was conducted at SMP Negeri 1 Seririt, involving the principal, vice principal for facilities and infrastructure, head of the laboratory, laboratory assistant, science teachers, and students. The object of this research includes the management of science laboratory tools and materials, covering aspects of planning, maintenance, and evaluation of damaged tools and materials, as well as the challenges encountered in the management process. Data were collected through observation, interviews, document analysis, and questionnaires, and analyzed descriptively. The validity of the data in this study was ensured using triangulation methods, namely source triangulation and technique triangulation. The results show that the management of science laboratory equipment and materials at SMP Negeri 1 Seririt is considered fairly good, with the availability of equipment and materials reaching 83% of the national standard. Planning is conducted collaboratively and runs optimally, although procurement is hindered by limited funding. Maintenance and evaluation are carried out, albeit not routinely and optimally due to the absence of laboratory staff or technicians. Obstacles in the management process include budget constraints, lack of skilled personnel, and the absence of policies for the disposal of expired chemical materials.

Keywords: *management, equipment and materials, laboratory*