

Data-Based Planning Assistance on Education Report Cards for Quality Schools in Madiun Regency Education Units

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ABSTRACT

Background. Data-Based Planning is a strategy for using data in the Education Report platform, which is used as an intervention effort by educational units, education offices, and local governments to improve the quality and achievement of education. The purpose of Data-Based Planning is to enhance the quality of education. Using the education unit budget, data-based Planning is carried out in educational units to improve the quality of education services.

Purpose. This community service aims to strengthen and assist academic units regarding data-based Planning on the education report platform.

Method. The activity was implemented in educational units in the Madiun Regency. There were 40 participants, including school principals, teachers, and supervisors. The implementation method was carried out using lecture and discussion methods.

Results. The results of the activity implementation showed that educational units were able to carry out data-based Planning in the education report and carry out the Annual Work Plan (RKT) and ARKAS.

Conclusion. Data-based Planning is part of increasing transparency, accountability, and efficiency in the education system to create quality schools.

KEYWORDS

Planning, Data-Based, Education Report, Quality Schools

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INTRODUCTION

Indonesia's large population is a challenge in providing quality education for all (berandainspirasi.id, 2024). The reasonably high population growth rate requires a continuous increase in educational capacity (Alfina & Anwar, 2020). Educational facilities in various regions vary considerably. Some schools have complete and modern facilities, but some need more facilities and infrastructure.

Globalization demands quality and competitive human resources. Quality education is the key to facing global competition. However, quality information access still needs improvement, especially in remote areas. The rapid development of technology demands adaptation in the education system (Anwar, 2024). Database planning or *Perencanaan Berbasis Data (PBD)* is an approach that is primarily based on data analysis. The educational environment uses information from various sources, including student assessment results and previous learning outcomes. The purpose of the planning database is to improve the budget and make the education unit management system more effective, accountable, and specific. In addition, the Planning Database is also adjusted to the needs of education units and departments based on identifying problems obtained from data

on the Education Report Platform. Education units and departments will be notified based on the specifics. Prepare performance improvement activities based on the results of confirmation and reflection of academic achievement and local conditions. The data-based planning process consists of three simple steps: Identification (*Identifikasi*), Reflection (*Refleksi*), and Improvement (*Benahi*) (IRB).

The education report platform is one of the guidelines issued by the Ministry of Education and Culture in the curriculum. The Education Certificate is an improvement on the previous Quality Certificate issued by the Ministry of Education and Culture (Ferry & Muspawi, 2023). The Education Report shows the status of educational units based on national assessment and survey data, including educational units and regions (raporpendidikan.kemdikbud.go.id, 2024). Academic institutions and local governments can use education reports as a reference to identify problems, examine their causes, and improve the overall quality of education. In addition, the general public can also access education certificates to improve the quality of education jointly.

Based on the survey, it was found that various educational units have yet to be able to implement good data-based planning to produce quality educational report cards because educational report cards are something new. Educational report software is a website that represents one of the current technological developments and is accessed by school stakeholders such as principals, teachers, and education personnel through the belajar.ID account to investigate the results achieved and develop them into further activities. Part of the budget for next year's school plan program. In essence, the government provides educational facilities and training for independent curriculum guidance, which is none other than PBD training (Lalily Nurlina, 2022).

Based on the needs analysis, it is necessary to introduce and assist educational units in carrying out data-based planning on education reports to produce data based on the study. Therefore, the implementers of community service provide an introduction and strengthening of data-based planning facilitated by the Provincial *Balai Besar Guru Penggerak* (BBGP) (BBGP) as part of implementing the independent curriculum. Mentoring activities are also expected to have benefits. Namely, educational units can carry out data-based planning on education reports, the benefits of data-based planning, and using ARKAS in making school program budgets

RESEARCH METHODOLOGY

Implementing community service involves introducing and assisting in Data-Based Planning, which is carried out using discussion methods, understanding materials, and performing work demonstrations. The implementation flow is preparation, preparation of tools and materials, implementation, and reflection.

Figure 1.
Activity Implementation Flow



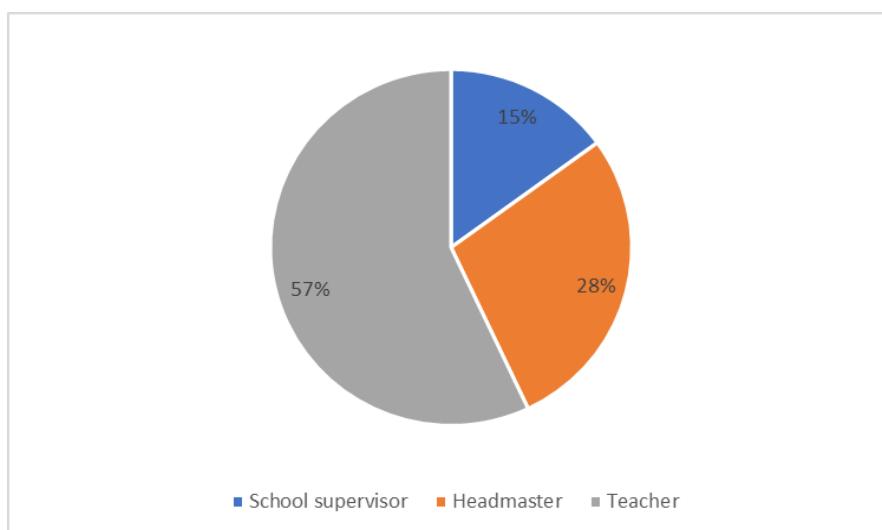
The preparation stage involves asking participants to prepare a download sheet on the education report website owned by each educational unit and preparing the tools and materials needed for the implementation. The tools used in this activity are laptops, LCDs, paper, ballpoint pens, and sound systems.

The implementer carries out the implementation stage as the speaker provides introductory material on Data-Based Planning in the Education Report. The activity is implemented using the lecture and discussion method. The implementation is carried out from 08.00 WIB to 16.00 WIB, equivalent to 8 JP. The reflection stage uses the question-and-answer method and provides reinforcement to participants. The speaker provides a worksheet that the educational unit must complete, which is then discussed and corrected if necessary for assistance.

RESULT AND DISCUSSION

This community service activity occurred on Saturday, October 5, 2024. Assistance in data-based planning on education reports was carried out during holidays so that training activities did not interfere with active school days. Forty participants were 40, consisting of school principals, teachers, and school supervisors.

Figure 2.
Participants in PBD Mentoring Activities



Before the presentation of the material by the implementer, participants were asked to provide experience in analyzing student learning and school needs. The presenter also asked a spark question about using School Operational Assistance or *Bantuan Operasional Sekolah* (BOS) funds. Spark questions were also carried out by asking participants about school programs that require funds or not and what results or benefits were obtained based on the school program.

Participants were asked to explain the implementation carried out by the school individually in implementing data-based planning and their experience in conducting student-centered learning based on the data they had. The presenter provided 120 slides of material via an LCD projector. The material was presented by displaying slides individually, along with examples of implementing data-based planning. In its implementation, it was sometimes interspersed with ice-breaking by the presenter or led by participants.

Figure 3.
Delivery of Introduction to Data-Based Planning Material



Activities are also carried out by working on worksheets with participants in various groups based on educational units. Each group comprises principals, teachers, and school supervisors at the same institution. Participants work on worksheets as part of delivering material and a form of understanding of the Concept. The work on the worksheets that the educational unit has discussed is then presented as part of the guided reflection by the resource person. At the same time, it becomes reference material, input, and additional information for other educational units. This is feedback on the implementation of activities.

Figure 4.
Presentation of Worksheet Results by Participants



Participants' ability to create Annual Work Plans or *Rencana Kerja Tahunan* (RKT) and School Activity and Budget Plan Applications or *Anggaran Sekolah* (ARKAS). ARKAS information application with the use of information and communication technology to facilitate planning, budgeting, implementation, management, and accountability of operational support funds in the field of education (BOSP) in primary and secondary education units nationally (Ningsi, Kurnila, & Jundu, 2022). In 2022, the Government has made progress in allocating school budget funds for education services through ARKAS management (Amelinda & Asbari, 2023).

Data-based planning or *Perencanaan Berbasis Data* (PBD) is implemented according to educational institution units' needs based on identifying problems sourced from data on the Education Report platform and facilitates improvements to academic institutions. Implement improvements by preparing activities to increase success based on results that identify and reflect success in education reports and field situations. The database planning process consists of three simple steps: Identification (*Identifikasi*), Reflection (*Refleksi*), and Improvement (*Benahi*) (IRB). Data-based planning is a comprehensive and continuous process that starts from identifying problems, finding the root of the problem, and determining various alternative activities to fix it.

The success of achieving educational goals in an academic institution is highly dependent on the principal's leadership skills (Anwar & Alfina, 2019). Good leadership means that all school potentials will be formed and developed according to the times' needs, changes, and progress. From the issuance of educational report cards to their application in data-based planning in schools, it is a practical consideration for the principal in carrying out their functions. Management skills in educational units in the preparation of ARKAS are implemented to support and manage funds for school activities. Data-based planning is a systematic approach to managing education that relies on data to make better decisions. Decision-making must rely on analysis and approaches as the primary foundation to become the primary function in data-based planning. The case study findings highlight the importance of well-structured programs that integrate academic and service components effectively (Putra & Annas, 2024).

CONCLUSION

Data-based planning or *Perencanaan Berbasis Data* (PBD) is carried out to improve educational service quality using a budget in an educational institution. Data-based planning in this framework uses data on the Education Report platform as a form of intervention by academic units, agencies, and local governments on the quality and achievement of education. It aims to achieve innovation and continuous improvement in the quality of education.

REFERENCES

Alfina, A., & Anwar, R. N. (2020). Manajemen Sekolah Ramah Anak PAUD Inklusi. *Al Tanzim: Jurnal Manajemen Pendidikan Islam*, 04(01), 36–47.

Amelinda, D., & Asbari, M. (2023). Transformasi Pendidikan PAUD dan Kesetaraan: Akselerasi Peningkatan dan Pendanaan. *Journal of Information Systems and Management (JISMA)*, 2(6), 13–17.

Anwar, R. N. (2024). Pelatihan Pengenalan Artificial Intelligence (AI) untuk Meningkatkan Kompetensi Guru pada Transformasi Digital. *Journal of Smart Community Service*, 2(1), 27–36.

Anwar, R. N., & Alfina, A. (2019). Kepemimpinan Kepala Sekolah Dalam Pengembangan Profesionalisme Guru Di TK IT Nur Al Izhar Kebonsari. *Conference on Research & Community Services*, 51–56. Jombang: STKIP PGRI Jombang.

berandainspirasi.id. (2024). Rendahnya Rasio Penduduk Indonesia Yang Berpendidikan S2 Hingga S3. *Berandainspirasi.Id*. Retrieved from <https://berandainspirasi.id/rendahnya-rasio-penduduk-indonesia-yang-berpendidikan-s2-hingga-s3/>

Ferry, A., & Muspawi, M. (2023). Analisis Rapor Pendidikan Dalam Perencanaan Berbasis Data Pada Rkas Smpn 4 Betara. *JOEAI (Journal of Education and Instruction)*, 6(2), 558–600.

Lalily Nurlina. (2022). Pelatihan Perencanaan Berbasis Data Untuk Pengawas Sekolah Temanggung Dan Pekalongan. *AMMA: Jurnal Pengabdian Masyarakat*, 1(06), 766–771.

Retrieved from <https://journal.mediapublikasi.id/index.php/amma>

Ningsi, G. P., Kurnila, V. S., & Jundu, R. (2022). Pendampingan Sekolah Melalui Pelatihan Perencanaan Berbasis Data Sebagai Langkah Awal Penyusunan Program Sekolah. *JMM (Jurnal Masyarakat Mandiri)*, 6(6), 4725. <https://doi.org/10.31764/jmm.v6i6.11097>

Putra, F. A., & Annas, N. (2024). Service Learning in Higher Education : Impact Evaluation and Best Practices. *Journal Ligundi of Community Service*, 1(2), 82–93.

raporpendidikan.kemdikbud.go.id. (2024). Rapor Pendidikan. Retrieved from <Https://Raporpendidikan.Kemdikbud.Go.Id/Login> <https://raporpendidikan.kemdikbud.go.id/login>

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