

SPIKING SCHOOL ACHIEVEMENT ON NATIONAL STANDARDS THROUGH TEACHER MANAGEMENT INFORMATION SYSTEM AT MUHAMMADIYAH 5 ELEMENTARY SCHOOL

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ABSTRACT

This research was conducted to determine the success of the Teacher Management Information System in raising the achievement of the national standard at Muhammadiyah 5 Elementary School-5, Jakarta. It focuses on data collection systems of teachers through Google Drive (GDrive). The researcher used a Goal-Oriented Evaluation Model. The result showed that the program could help school increase the achievement of three out of eight national standards of education, namely the standard of facilities and infrastructure, the standard of management, and the standard of educator and non-educator. The research recommends the program to be continued with improvement. To get maximum results, the principal has to conduct a structured training program followed by establishing a good teacher filing system.

Keywords: National Standards; School Achievement; and Management Information System.

ABSTRAK

Penelitian ini dilakukan untuk mengetahui sejauh mana keberhasilan pelaksanaan program sistem informasi manajemen guru di SD Muhammadiyah 5 Jakarta, dengan fokus sistem pengumpulan data guru melalui *Google Drive (GDrive)* dalam rangka peningkatan pencapaian standar nasional pendidikan. Penelitian dilakukan melalui penelitian evaluasi dengan menggunakan model evaluasi berbasis tujuan (*Goal-Oriented Evaluation Model*). Hasil penelitian menunjukkan bahwa program yang dirancang telah dapat meningkatkan tiga dari delapan Standar Nasional Pendidikan, yaitu standar sarana dan prasarana, standar pengelolaan, dan standar pendidikan dan tenaga kependidikan. Penelitian merekomendasikan agar program tersebut dilanjutkan, dan untuk mendapatkan hasil yang maksimal, kepala sekolah harus membuat pelatihan secara khusus dan terjadwal kemudian membuat konsekuensi logis terhadap kedisiplinan pengumpulan file administrasi guru.

Kata Kunci : Standar Nasional Pendidikan; Sistem Informasi Manajemen; Mutu Pendidikan.

INTRODUCTION

In making a decision, Muhammadiyah Elementary School principal abides by national education system laws (UU SISDIKNAS) and regulation issued by Muhammadiyah Assembly of Basic and Secondary Education of Kebayoran Baru Branch Manager (DIKDASMEN PCM). Following these laws, the school principal is required to innovate for all managerial activities under the coordination of the Assembly.

According to UU SISDIKNAS, school principals obliged to carry out some managerial functions. One of them, Muhammadiyah Elementary School-5 principal is to accomplish the Teacher Management Information System. The school is to administer teacher data collection and analysis using the GDrive program. This program is provided by Google and the school stores teacher data in it and managed by an individual teacher. The school used storing capacity bigger than normal and used a specific domain.

The advantage of using GDrive for data collection is that all teacher administrative data are gathered collectively. And the process of evaluating teacher performance can be carried out efficiently. In addition, GDrive is simpler, faster, and cheaper. However many teachers in this school are still illiterate in information technology. This condition made some teachers have difficulties in accomplishing this program. So far, the effectiveness of the program has not been evaluated.

Based on the above background, the researcher is interested in evaluating the merit of the program especially its effectiveness in the enhancement of national standards as stipulated by laws. Evaluation research was conducted entitling “Spiking school achievement on national standards through teacher management information system at Muhammadiyah 5 elementary school”

In this study, the researchers focused their evaluation on the merit of digitalizing teacher information using GDrive in the framework of raising the school achievement on national standards of education covering the following matters.

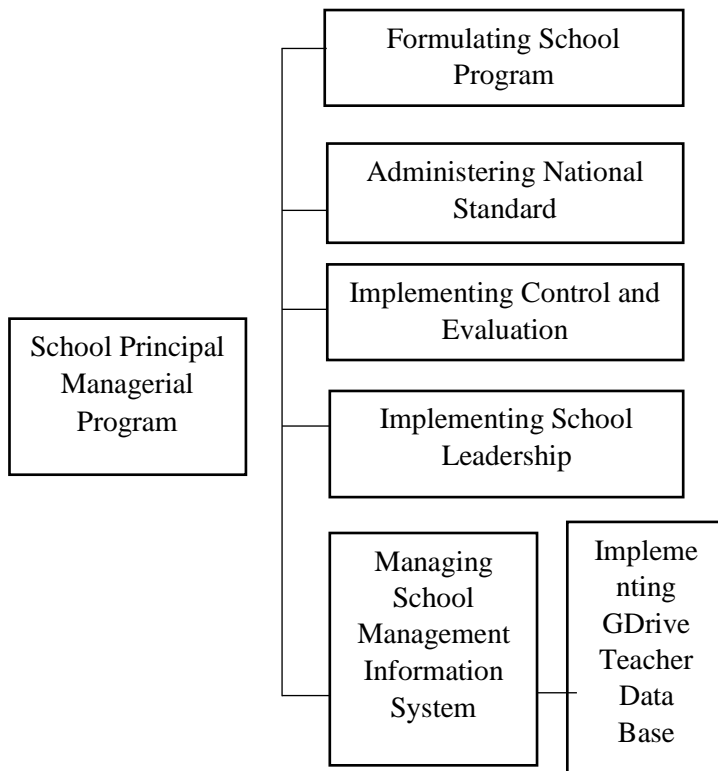


Figure 1. Scope of Evaluation

Based on this study background, the researchers proposed the following evaluation research questions: (a) what is the merit of implementing teacher information systems using GDrive? (b) How well is the school able to promote its educational standards: standard of content, standard of process, standard of competence, standard of educational personnel, standard of facilities, standard of management, standard of cost, and standard of evaluation?

The study is expected (1) to serve stakeholders with useful information concerning the merit of the school program. (2) To inform stakeholders about the relevance of the school program with school quality improvement. (3) To recommend school principal for the improvement, adjustment, and promotion of the school program toward the betterment of school performance in achieving national standards.

METHODS

The research was conducted at Muhammadiyah 5 Elementary School – Kebayoran Baru, Jakarta. This study used the Goal-Oriented evaluation Model exploring the extent a program carried out by the school principal achieved the predefined goal. During the process of evaluating the researchers continuously monitored the progress of school goal achievement. The goal-oriented evaluation model measures how predefined goals or objectives have been met. The evaluation procedure takes several steps as described hereunder.

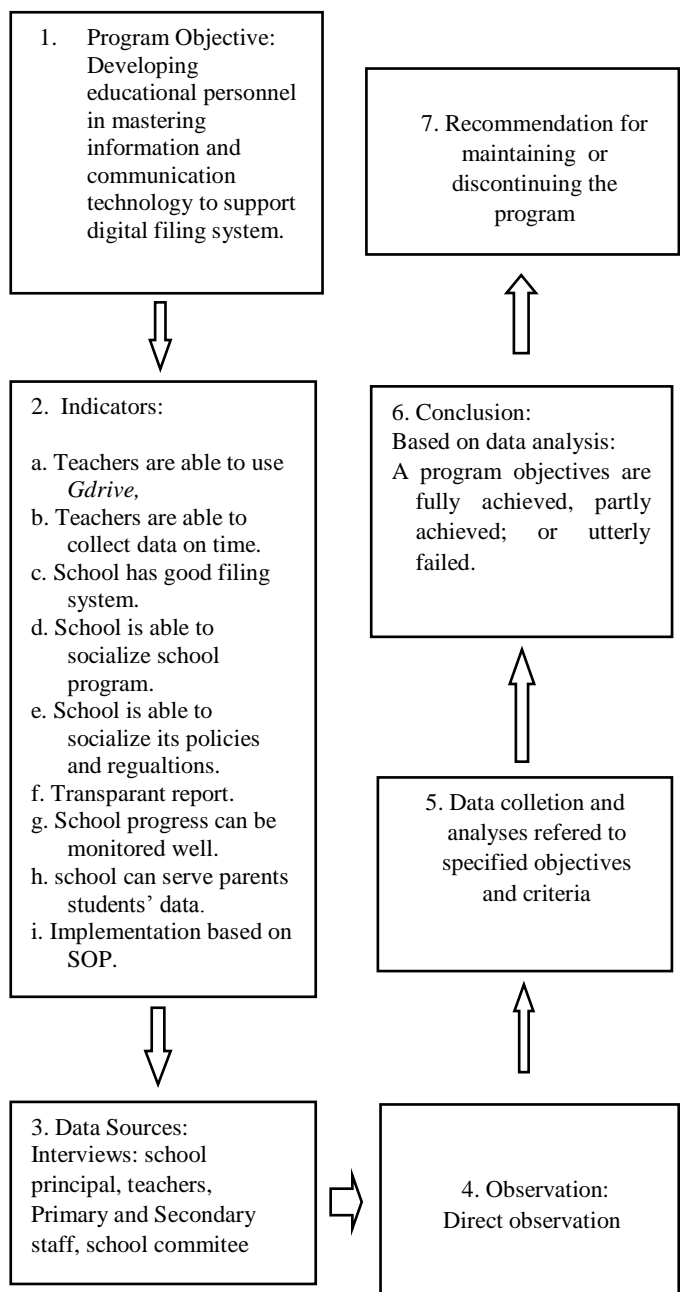


Diagram 2. Goal-Oriented Evaluation Model

Based on this model, researchers develop several performance indicators described in the following table.

Table 1. Program performance indicators

| Program Objectives | Performance Indicators |
|---|--|
| Developing educational personnel to master communication and information technology for the implementation of a digital filing system | Teachers are able to use GDrive |
| | Teachers are able to collect data on time. |
| | Good Filing System |
| | Well socialized school Program |
| | Well-socialized policies and rules. |
| | Transparent reports |
| | Well monitored school progress. |
| | Be able to assist parents in obtaining student data. |
| | Implementation based on SOP |

FINDINGS AND DISCUSSION

Based on field notes and observation it was found that the implementation of GDrive was consistent with school vision namely the transformation of all potentials of academic community into Quranic generation having global insight meaning teachers are not fully tied to the use of conventional media but use information technology. In addition to the achievement of the school vision, the school also achieves school mission namely teachers' mastery of communication technology.

Seen from the objective of the GDrive program namely, developing educational personnel (teachers and non-teachers) to master communication and information technology in supporting the digital filing system, the implementation of the program has been considered successful in carrying out paperless digital filing system.

The study further revealed that three out of eight national standards have gained significant improvement.

- 1). Standard of facilities (the program helped teachers do filing system).
- 2). Standard of management (the program helped teacher administration).
- 3). Standard of educational personnel (the program helped teachers and non-teachers improve school qualities).

All of these happened because of the GDrive program which induced training on communication and information technology.

CONCLUSION

It takes at least two years for Muhammadiyah 5 Elementary School before the managerial program called GDrive began to have positive effects on the teacher data collection system especially in improving the digital teacher filing system. The main objective of the program has been successfully carried out through strengthening educational personnel. The implementation of the GDrive program is regarded as an innovation based on paperless data management stressing on the use of communication and information technology. This program also helps teachers administer their own data in using communication and information technology. Parents as stakeholders also gained benefits from this program, especially in accessing student data. They said that since the launching of this program, the quality of education of Muhammadiyah 5 Elementary School improved. Finally, the study recommends maintaining this program and strengthen the implementation through improved training to achieve the national standard.

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