



# **Influence of Principals' Planning Skills on Implementation of Strategic Plans in Public Secondary Schools in Thika Sub-county, Kiambu County, Kenya**

**Nene Nderitu <sup>a\*</sup>**

<sup>a</sup> *Kirinyaga University, Kenya.*

## **Author's contribution**

*The sole author designed, analysed, interpreted and prepared the manuscript.*

## **Article Information**

DOI: 10.9734/AJESS/2023/v40i4879

## **Open Peer Review History:**

This journal follows the Advanced Open Peer Review policy. Identity of the Reviewers, Editor(s) and additional Reviewers, peer review comments, different versions of the manuscript, comments of the editors, etc are available here: <https://www.sdiarticle5.com/review-history/96787>

**Original Research Article**

**Received: 29/12/2022**

**Accepted: 02/03/2023**

**Published: 08/03/2023**

## **ABSTRACT**

Principals' planning skills are crucial in enabling them to develop and implement strategic plans in public secondary schools. However, in Thika Sub-county, many principals have had numerous challenges as far as the implementation of strategic plans. Thus, the purpose of this study was to assess principals' planning skills and their influence on the implementation of strategic plans in public secondary schools in Thika Sub-county, Kiambu County, Kenya. The study was guided by the strategic planning theory and the theory of policy formulation. The study adopted a mixed methodology and concurrent triangulation research design. The target population was 773 respondents which comprised 59 principals and 714 teachers in public secondary schools from which 264 respondents (16 principals and 248 teachers) were sampled using Yamane's Formula. Questionnaires were used to collect data from teachers whereas interview guides were used to collect data from principals. Qualitative data were analyzed thematically based on the objectives and presented in narrative forms. Quantitative data were analyzed using descriptive statistics such as frequencies and percentages and inferentially using Pearson's Product Moment Correlation

\*Corresponding author: Email: [mosesndiritu@kyu.ac.ke](mailto:mosesndiritu@kyu.ac.ke), [nenenderitu@gmail.com](mailto:nenenderitu@gmail.com);

Analysis with the help of Statistical Package for Social Sciences (SPSS Version 23) and presented using tables and charts. The study established that the implementation of strategic plans in public secondary schools in Thika Sub-county has been a very difficult and problematic undertaking for principals. This is because many school heads have limited planning skills, which has compromised the implementation process. Many principals lack the ability of principals to mobilize resources, involve stakeholders, identify trained and experienced staff as well as undertake monitoring and evaluation are crucial activities for the successful implementation of strategic plans in public secondary schools. Thus, the study recommends that the Ministry of Education and education stakeholders should organize seminars and training programmes where principals can be equipped with strategic planning skills.

*Keywords: Principal's planning skill; implementation of strategic plans; public secondary schools.*

## 1. INTRODUCTION

Educating a nation remains the most critical tool for the development of society throughout the developing world. For such educational aims and curriculum objectives to be realized, Grant [1] opines that the quality of education delivered offered to students in any secondary school is dependent on a multiplicity of dynamics such as strategic educational planning. According to Hassan [2], "strategic planning in education entails the application of rational, systematic analysis to the process of educational development to make education more effective and efficient in responding to the needs and goals of students and society".

In the United Kingdom, Goddard and Leask [3] posit that the successful implementation of strategic plans in schools largely depends on planning skills that principals or school heads have mastered. In keeping with these assertions, Cook [4] points out that principals' planning skills entail the abilities of secondary school principals to set educational goals, decide on actions to achieve those goals, and mobilize the resources needed to take those actions. In other words, principals' planning skills describe how education goals and curriculum objectives will be achieved through the use of available resources. However, many public secondary schools have had numerous challenges as far as the implementation of strategic plans. A report by Cortina [5], for example, indicates that, in Haiti, 68.4% of secondary schools do not effectively implement their strategic plans, 78.3% do not meet deadlines for particular tasks whereas 67.3% do not understand what is expected of them in the strategic plans. This state of affairs calls into question the effectiveness of principals' planning skills.

In many secondary schools in Mexico, Hanson [6] asserts that principals' planning skills are

considered the capabilities of school heads to provide tools, organize workshops and effectively implement schools' strategic plans to realize academic goals. According to Hanson [6], such planning skills include resource mobilization, involvement of stakeholders, identification of trained staff, and ability to undertake monitoring and evaluation. McDonnell [7] opines that "principals have roles in the implementation of schools' strategic plans in addition to other roles such as teaching and ensuring students' discipline, respecting cultural diversity, establishing a reciprocal relationship with families and creating a caring community of learners". In the implementation of schools' strategic plans, principals' ability to plan, personal and environmental factors are critical. In many countries in Sub-Saharan Africa, strategic planning is considered a panacea to all management challenges bedeviling secondary schools. In Lesotho, for instance, secondary schools which adhere to and implement strategic plans, realize 76.8% of their curriculum objectives [8]. According to Ntho [8], such secondary schools witness improved human resource relations, prudent use of financial resources, prudent time management, effective utilization of curriculum support materials and maintenance of facilities. In Ghana, Agosiobo [9] avers that, for any school to achieve its objectives, school heads must implement their strategic plans as the focal point of any organization and operation. However, Agosiobo [9] asserts that the implementation of schools' strategic plans is often very difficult and problematic and requires the attention of school management.

An assessment report by Hope and Timmel [10] shows that, in Zimbabwe, many secondary schools fail to implement their strategic plans owing to the inadequacies of school heads. Hope and Timmel [10] note that many principals cannot

mobilize resources, cannot identify and involve stakeholders and trained staff and above all, undertake monitoring and evaluation skills as strategies for achieving school objectives. This implies that strategic planning in education is key to the attainment of educational objectives and the realization of quality education. Ngware, Wamukuru and Odebero [11] opine that “the quality and adequacy of resources such as physical facilities, equipment, teaching and learning materials, all have a direct bearing on quality as they determine how effectively the curriculum is implemented”. According to Ngware et al. [11], to achieve this, principals must manifest effective planning skills and acumen. In other words, secondary school principals should have resource mobilization skills, the ability to involve stakeholders, identify trained staff to actualize the school's strategic plans and manifest the ability to undertake monitoring and evaluation.

In Kenya and Thika Sub-county, there is recognition of the efficacy of school principals in the actualization and implementation of strategic plans, which are regarded as key ingredients and determinants of schools' performance. In Kakamega County, for example, Mukabi, Olel and Gogo [12] note that skills which principals have in both strategic planning and implementation are critically important to the success of secondary schools. Mukabi et al [12] noted that, when trying to assess the reasons for the failure of strategic plans in secondary schools, one of the possible reasons is poor planning and the other is poor implementation. In the same token, public secondary schools in Thika Sub-county are also victims of ineffective implementation of strategic plans.

A study by Githire [13] revealed that close to 67.4% of public secondary schools do not have sound strategic plans with a clear roadmap for implementation. According to Githire [13], only 37.2% can successfully implement their strategic plans. Despite these assertions, few empirical studies have interrogated the extent to which principals' planning skills influence the implementation of strategic plans in public secondary schools.

## **1.1 STATEMENT of the PROBLEM**

Principals' planning skills are crucial in enabling them to develop and implement strategic plans in public secondary schools. However, in Thika Sub-county, many principals have had numerous

challenges as far as the implementation of strategic plans is concerned. As noted earlier, Githire [13] indicates that close to 67.4% of public secondary schools do not have sound strategic plans with a clear roadmap for implementation. According to Githire [13], only 37.2% can successfully implement their strategic plans. Many secondary schools do not meet deadlines for particular tasks as indicated in their strategic plans whereas the majority do not understand what is expected of them in the strategic plans. Efforts to mitigate these challenges have not yielded much remarkable progress. Thus, much still needs to be done to assess the extent to which principals' planning skills influence the implementation of strategic plans in public secondary schools.

## **1.2 Objectives of the Study**

The study was guided by the following objectives:

- i. To assess the status of implementation of strategic plans in public secondary schools in Thika Sub-county.
- ii. To determine how principals' planning skills influence the implementation of strategic plans in public secondary schools in Thika Sub-county;

## **1.3 Theoretical Framework**

This study was guided by the strategic planning theory which was postulated by Evans [14] which holds that the implementation of strategic plans in schools is guided by a 'strategic thinking' approach. This is a less fixed design that is more of a flexible learning process that relies on school managers constantly listening and synthesizing what they hear and learning from all sources. The theory assumes that educational planning proposes models or strategies for educational planning practitioners to consider or use, the subject or objects of the educational planning undertaking, addresses what is common to all educational planning specializations and explicates characteristics of educational planning practice. The strategic plan in this scenario is simple and concentrates on very few targets over a relatively short period.

These plans may be developed using a strategic thinking process that occurs over a series of faculty meetings and a board retreat, which may result in the development of a rolling sequence of project-based reviews and change, focusing

each year on one or two departments, key focus areas or program areas. Thus, the rationale for adopting this theory in this study is that it addresses what is common to all planning specializations and explicates the characteristics of planning practice. In other words, it appreciates the fact that prudent educational planning should be collaborative and incorporates all elements aimed at achieving the foundational goals of education.

The study was also guided by the theory of policy implementation which was postulated by Lindblom [15]. This theory is premised on the models of policy change that emphasize continuity, stability, and incrementalism. The risk aversion of policy-makers and the need for political compromises allows for only incremental changes in the status quo. This theory argues that policy changes also take place in the absence of electoral changes and that the standard model conflates the choice of policy issues with the choice of a policy solution given a policy problem. The relevance of this theory in this study is that the implementation of strategic plans is critical to the success of secondary schools in realizing the education of educational objectives.

#### **1.4 The Conceptual Framework**

In this study, the conceptual framework was based on principals' planning skills reflected through principals' resource mobilization skills, involvement of stakeholders, identification of trained staff and monitoring and evaluation skills which constituted the independent variables whereas the implementation of strategic plans in public secondary schools constituted the dependent variables. Intervening variables were; government policy and stakeholders' support as shown in Fig. 1

### **2. METHODOLOGY**

The study adopted a mixed methodology and concurrent triangulation research design. The target population was 773 respondents which comprised 59 principals and 714 teachers in public secondary schools from which 264 respondents were sampled using Yamane's Formula. Stratified sampling was applied to create five strata based on the number of zones in Thika Sub-county.

From each zone, two (2) secondary school principals were selected using purposive

sampling considering secondary schools which have had challenges with the implementation of strategic plans and poor infrastructure development. However, from each zone, 31 secondary school teachers were selected using simple random sampling to avoid bias. This sampling procedure realized a sample of 16 principals and 248 teachers. Questionnaires were used to collect data from teachers whereas interview guides were used to collect data from principals. Data analysis began by identifying common themes from the respondents' descriptions of their experiences. Qualitative data were analyzed thematically based on the objectives and presented in narrative forms. Quantitative data were analyzed using descriptive statistics such as frequencies and percentages and inferentially using Pearson's Product Moment Correlation Analysis with the help of Statistical Package for Social Sciences (SPSS Version 23) and presented using tables.

### **3. RESULTS AND DISCUSSION**

This section presents the findings of the study based on the objective. It also outlines the methods of presentation of the study findings and discussions.

#### **3.1 Response Rates**

In this study, 248 questionnaires were administered to teachers and, in return, 241 questionnaires were filled and returned. The researcher also interviewed 13 principals. This yielded response rates shown in Table 1.

Table 1 shows that principals registered a response rate of 81.3% whereas teachers registered 97.2%. This yielded an average response rate of 96.2% which is consistent with the assertions of Creswell [16] that a response rate above 75.0% is adequate. This information was important since it allowed the researcher to generalize the study outcomes to the target population.

#### **3.2 Status of Implementation of Strategic Plans in Public Secondary Schools**

The study sought to assess the levels of satisfaction with the extent to which public secondary schools implement their strategic plans. The findings are presented in Table 2.

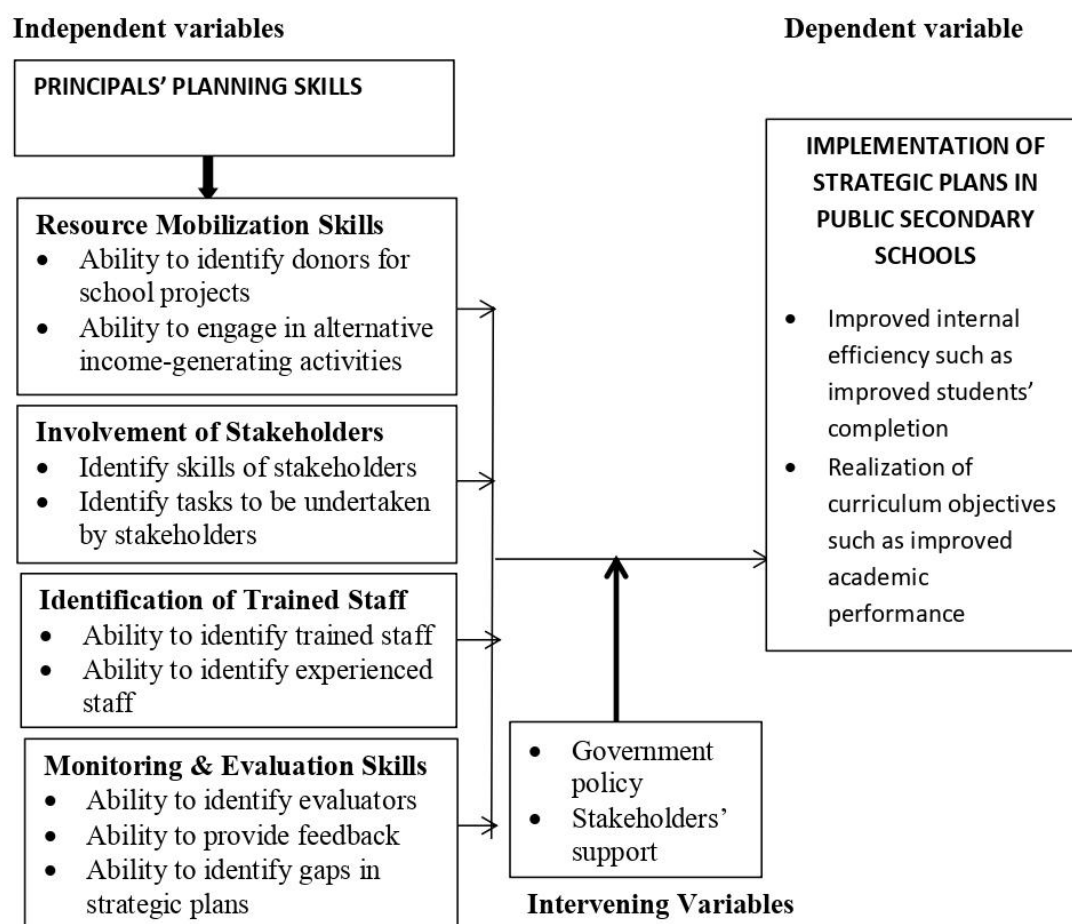


Fig. 1. The conceptual framework

Source: Researcher (2023)

Table 1. Response rates

Respondents	Targeted	Participated	Return Rate (%)
Principals	16	13	81.3
Teachers	248	241	97.2
<b>Total</b>	<b>264</b>	<b>254</b>	<b>96.2</b>

Table 2. Status of implementation of strategic plans in public secondary schools

Indicators of Implementation of Strategic Plans	Number of Teachers					
	Satisfied (3)		Not Satisfied (2)		Not Sure (1)	
	f	%	f	%	f	%
Internal efficiency	96	39.8	125	51.9	20	8.3
Realization of curriculum objectives	113	46.9	97	40.2	31	12.9

Table 2 shows that 96 (39.8%) of the teachers were satisfied with the levels of internal efficiency such as students' completion rates in public secondary schools in Thika Sub-county, slightly more than half, 125 (51.9%) were not satisfied whereas paltry 20 (8.3%) were not sure. On

realization of curriculum objectives such as improved students' academic performance, a fair proportion of teachers, 113 (46.9%), were satisfied, 97 (40.2%) were not satisfied while 31 (12.9%) were not sure. During the interviews, however, principals noted that the

implementation of strategic plans has been fully realized with levels of internal efficiency (students' completion rates) being high as well as improved academic performance. On further probing, principal, P1, stated;

*In my secondary school, despite the challenges, the implementation of strategic plans has been effective. Internal efficiency is high with many students progressing and completing their education. Academic performance has improved.*

Despite these contradictions, these findings underscore the vitality of prudent implementation of strategic plans in helping secondary schools in realizing their curriculum objectives. These findings corroborate the findings of a study carried out in Kandara Sub-county in which Ngugi (2015) revealed that implementation of strategic plans in schools has been a very difficult and problematic task that requires management attention across all levels of the organization without understanding the challenges. In summary, these findings indicate that, though crucial in many schools, the implementation of strategic plans has been a challenge in many public secondary schools.

### 3.3 Principals' Planning Skills and Implementation of Strategic Plans in Secondary Schools

The study sought to examine how the planning skills that principals have influenced the implementation of strategic plans in public secondary schools. Descriptive data were collected from teachers and results are shown in Table 3.

Table 3 shows that 125 (51.9%) of teachers strongly agreed with the view that principals rarely have resource mobilization skills and are thus unable to identify sources of funds to implement strategic plans as did 27 (11.2%) who agreed. However, 13 (5.4%) were undecided, 13 (5.4%) disagreed whereas 63 (26.1%) strongly disagreed. These findings lend credence to the findings of a study undertaken in France by Bray and Lillies [17] which revealed that, to ensure the smooth implementation of strategic plans, a school head requires skills to mobilize financial resources, manage and control finances. Bray and Lillies [17] established that resource mobilization often focuses on generating funds, however, it must also include building valuable donor contacts and networks, and earning the interest, support, and in-kind contributions of people important to secondary schools. These findings are indicative of the fact that, though a challenge owing to a lack of resource mobilization skills among school heads, successful implementation of strategic plans in secondary schools depends on the resources available in schools and thus, school heads must have the ability to mobilize resources and ensure their prudent use.

A fair majority, 129 (53.5%) of the teachers strongly agreed with the view that principals do not have the skills to involve stakeholders and assign them tasks to help implement strategic plans in public secondary schools while 36(14.9%) agreed. However, 13 (5.4%) were undecided, 27 (11.2%) disagreed whereas 36 (14.9%) strongly disagreed.

**Table 3. Teachers' views on the influence of principals' planning skills on the implementation of strategic plans in public secondary schools**

Test Items	Ratings in %				
	SA	A	U	D	SD
Principals rarely have resource mobilization skills and thus unable to identify sources of funds to implement strategic plans	51.9	11.2	5.4	5.4	26.1
Principals do not have the skills to involve stakeholders and assign them tasks to help implement strategic plans in public secondary schools	53.5	14.9	5.4	11.2	14.9
Unsuccessful implementation of strategic plans in public secondary schools is attributed to principals' lack of skills to identify trained and experienced staff	57.3	9.1	7.5	9.1	17.0
In public secondary schools, principals do not have the skill to undertake monitoring and evaluation of how school strategic plans are being implemented	48.1	18.7	5.4	9.1	18.7

This contradicts the findings of a study carried out in Colombia in which Hermalin and Weisbach 18] revealed that strategic planning skills enable school heads to seek input about strategic planning from stakeholders in meetings, through surveys, with targeted suggestion boxes, and in newsletters. Hermalin and Weisbach 18] revealed that principals, in instances where principals have mastered the skill of involving stakeholders in discussions for strategic planning to the greatest extent possible, schools tend to successfully navigate the process of implementation of strategic plans. This implies the ability of principals to identify the right stakeholders and tasks which they need to undertake through different approaches holds the key to the successful realization of the objectives of strategic plans.

The study also revealed that 138 (57.3%) of the teachers strongly agreed with the view that unsuccessful implementation of strategic plans in public secondary schools is attributed to principals' lack of skills to identify trained and experienced staff while 22 (9.1%) agreed. However, 18 (7.5%) were undecided, 22 (9.1%) disagreed whereas 41(17.0%) strongly disagreed. This is consistent with the assertions of Samstad and Pipkin 19] that the successful implementation of strategic plans depends on the quality of staff tasked to actualize the plans in secondary schools. According to Samstad and Pipkin 19], principals must have the ability to identify trained and qualified staff to implement different components of strategic plans. This implies that principals, who can identify experienced staff, have their secondary schools successfully implement strategic plans. In other words, the success of every strategic plan in schools depends on the quality and quantity of its human and material resources.

Table 3 shows that 116 (48.1%) of the teachers strongly agreed with the view that, in public secondary schools, principals do not have the skills to undertake monitoring and evaluation of how school strategic plans are being implemented whereas 45 (18.7%) agreed. At the same time, 13(5.4%) were undecided, 22 (9.1%) disagreed whereas 45 (18.7%) strongly disagreed. These findings are consistent with the findings of a study carried out in Australia in which Cherrington, Hubbard and Luthy 20] found that, in secondary schools where heads have

M&E skills, the implementation of strategic plans has been successful. According to Cherrington et al. 20], such skills have enabled school heads to look at what they set out to undertake, what they have accomplished, how they have accomplished and what is remaining of the strategic plans. These findings further corroborate the findings of a study conducted in Kandara Sub-county by Nyambura, Tanui and Kalali 21] which revealed that principals who have had basic training on how to undertake monitoring and evaluation of projects have had their schools realize most of their strategic plans compared to secondary schools where principals are yet to undergo any formal training on M&E concepts. Nyambura et al 21] found that the implementation of strategic plans in many secondary schools in Kandara Sub-county because many principals have the M&E skills to help them actualize the requirement of the plans and constantly review strategies for implementation and reporting procedures continuously. This implies that M&E skills are important to principals since they are tools that help them to know when strategic plans are not working, and when circumstances have changed. In other words, such skills give school heads the information they need to make decisions about school projects and about changes that are necessary for strategy or plans.

### **3.4 Inferential Analysis**

To verify the influence of principals' planning skills on the implementation of strategic plans in public secondary schools, data were collected on how often principals of the sampled public secondary schools adhere to planning procedures (Very Often = 5, Often = 4, Sometimes = 3, Rarely = 2 and Never = 1) and the levels of satisfaction (Satisfied = 3, Not Satisfied = 2 and Not Sure = 1) with the extent to which strategies plans have been implemented in the sampled schools. The results are shown in Table 4.

Table 4 shows that, in public secondary schools with principals who have planning skills and thus, adhere to the planning procedures, the implementation of strategic plans is satisfactory. These results were subjected to Pearson's Product Moment Correlation Analysis and the results are shown in Table 5.

**Table 4. Frequency of principals' adherence to the planning procedures and the levels of satisfaction with implementation of strategic plans in secondary schools**

Frequency of Principals' Adherence to the Planning Procedures	Levels of Satisfaction with the Implementation of Strategic Plans
1	1
2	1
1	2
4	2
1	1
4	3
3	3
3	2
1	3
4	3
1	1
3	2
2	1

**Table 5. Pearson's product moment correlation analysis showing the relationship between principals' planning skills and implementation of strategic plans in public secondary schools**

		Principals' Planning Skills	Implementation of Strategic Plans
<b>Principals' Planning Skills</b>	Pearson Correlation	1	.565*
	Sig. (2-tailed)		.044
	N	13	13
<b>Implementation of Strategic Plans</b>	Pearson Correlation	.565*	1
	Sig. (2-tailed)	.044	
	N	13	13

\*. Correlation is significant at the 0.05 level (2-tailed)

Table 5 indicates the existence of a strong correlation between principals' planning skills and their ability to implement strategic plans in secondary schools ( $r(13) = 0.565$ ,  $p = 0.044$  at  $\alpha = 0.05$ ). This implies that the ability of principals to mobilize resources, involve stakeholders, identify trained and experienced staff and undertake monitoring and evaluation is crucial for the successful implementation of strategic plans in public secondary schools.

### 3.5 Thematic Analysis

During the interviews, however, the principals noted that they have resource mobilization skills which have enabled them to identify sources of funds to implement strategic plans. Principal, P2, observed;

*I can mobilize resources to ensure that my secondary school's strategic plan is implemented.*

Despite these conflicting views, the role of resources in the successful implementation of

strategic plans cannot be overlooked. Just as indicated in quantitative findings, these views further affirm the fact that successful implementation of strategic plans in secondary schools depends on the resources available in schools. On the question of stakeholders' involvement, the principals stated that they often involve all stakeholders and trained staff while drawing strategic plans who would ensure their successful implementation. Principal, P3, noted;

*In my secondary school, stakeholders together with trained staff are crucial pillars in the implementation of strategic plans. Thus, I always ensure that I involve everyone with the right skills and experience to help in achieving the objectives of the strategic plans.*

On the question of monitoring and evaluation, the principals stated they often follow how school strategic plans are implemented. Principal, P4, observed;

*In my school, I ensure that I source evaluators who would help me understand*



*all the steps for the successful implementation of strategic plans. This has helped me undertake M&E throughout the implementation process.*

From these findings, planning skills that principals have played a key role in the successful implementation of strategic plans in secondary schools. In other words, such skills give school heads the information they need to make decisions about school projects and about changes that are necessary for strategy or plans.

#### 4. SUMMARY AND CONCLUSIONS

From the study findings, it is evident that the implementation of strategic plans in public secondary schools in Thika Sub-county has been a very difficult and problematic undertaking for principals. This is because many school heads have limited planning skills, which has compromised the implementation process. Many principals lack the ability of principals to mobilize resources, involve stakeholders, identify trained and experienced staff as well as undertake monitoring and evaluation are crucial activities for the successful implementation of strategic plans in public secondary schools.

#### 5. RECOMMENDATIONS

The study recommends that the Ministry of Education and education stakeholders should organize seminars and training programmes where principals can be equipped with strategic planning skills.

#### COMPETING INTERESTS

Author has declared that no competing interests exist.

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*The peer review history for this paper can be accessed here:*  
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