**The paradigmatic change of the Training Teachers roles following Academy-Classroom practical training model**

**Paradigmatic Change in Training Teachers’ Roles Following the Practical Model of Academy-Classroom Training**

**Abstract**

The Academy-Classroom model is the most recent program adopted by the Ministry of Education in Israel for trainee teachers' practical training. One of the model’s primary goals is to bridge the gap between the needs and the reality of the school in connection with how academic institutions prepare their teachers. The study aimed to research the role performance in training teachers following the Academy-Classroom model’s implementation, compared to their role under previous training plans, and to explore if changes had taken place. Forty-four training teachers within the academy class framework took part in the study. All of them had worked as training teachers in previous models. The research was conducted using a mixed quantitative and qualitative research methodology. The findings show that the Academy-Classroom model has resulted in a paradigmatic shift in the training teachers’ role and work methods.

**Keywords**: practical training, training teachers, Academy-classroom model

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**Theoretical background**

 Practical training constitutes an essential and vital stage in the qualification and preparation of teachers. It is considered one of the most critical academic processes that shape the personality of trainee teachers. It helps develop many useful and valuable practical skills such as class management of varying levels, acquiring organizational abilities, handling general matters in schools, and many other competencies (Kirk, Macdonald, & O'Sullivan, 2006).

 The training teacher or the cooperating teacher, "a collaborator with the academic institution", as defined in many articles, is seen as the most crucial pillar in the success of practical education for the training teacher (Keogh, Dole, & Hudson, 2006), a role model and a professional example to be followed. Training teachers help trainees discover, learn, and acquire tools and talents in the field (Maskit and Meburach, 2013; Silberstein et al., 2006). However, some people diminish their importance and influence. They even point to the possibility of a negative impact, especially in the sense of not being updated in teaching methods that conform to the requirements of the 21 century (Leab Ari and Smith, 2004).

 Various concepts have been used to describe the work of the training teacher. These concepts refer to different assumptions and expectations of how the cooperating training teacher should act and inspire the trainee. Three descriptions are most widely applied and accepted to describe this teacher, namely: the placeholder teacher, the supervising teacher, and the educator teacher. (Clarke, 2007; Cornbleth & Ellsworth, 1994).

 The trainee teacher acts as "a classroom placeholder" replacing the training teacher in the classroom when he/she goes to the library or the teachers' room. In this case, the trainee student bears the full responsibility of the educational process delivering the scientific content, controlling the class, carrying out educational activities, and other actions. (Borko & Mayfield, 1995). It is noteworthy that this method is rarely applied in recent days.

 The second term given to the training teacher, which is currently the most common, embodies a more advanced position. He/She practices more the role of a supervisor. The cooperating teacher oversees the trainee students' work and performs more effective roles, such as: conducting observations, a stage evaluation, and a final evaluation of the trainee students and their performance in applications (Borko & Mayfield, 1995). Although this interpretation reflects progress compared to the previous one, the work of the cooperating teacher seems still limited and does not go beyond supervision and assessment.

 The third concept, the "educator teacher", reflects a fundamental difference compared to the previous two models. It implies an interactive and giving function, whereby the cooperating teacher acts as an educator. He/She works closely with the trainee encouraging the student and facilitating the training process in addition to the already mentioned traditional tasks (Clarke, 1997; Hatch, 1993; Kettle & Sellars, 1996).

 It is quite challenging to define the training teacher's role. The difficulty lies in the requirements and tasks assigned to this position (Gilles & Willson, 2004). Research about this subject suggests a wide range of duties assigned to the training teacher as part of his/her responsibilities. These tasks include training and coaching, acting as a role model for the trainee, acting as an agent of change, and helping to stimulate reflective evaluation thinking that mounts to emotional and moral support (Lazovsky & Riechenberg, 2005; Runyan, 1999; Feiman-Nemser, 2001). Ringgold suggested (2009) that three main complex functions are assigned to the cooperating teacher: training the student with a social perspective, focusing on a subject matter guidance, and managing students using an emotional approach.

 The work of a training teacher requires a stable relationship and partnership between the school, the training teacher, and the academic institution. This liaison entails facing many challenges and obstacles, such as overcoming the difference in institutional culture and organizational goals, which may restrain the opportunities to succeed. The most productive collaboration is the one that allows a "working space" for all parties involved in the educational process. It is based on respecting the other partner’s views, discussing mutual proposals, and setting common goals, expectations, and approaches before moving forward (Greany & Brown, 2015). Aryaf (2001) sees the partnership between educational institutions and schools as an opportunity for simultaneous development for all parties, whether student trainees, academic counselors, and training teachers.

 In recent decades, there have been many improvements in practical education, most notably the Professional Development Schools Model (PDS), which focuses on strengthening the partnership between field applied schools and academic institutions (Clark, 1990; Goodlad, 1990). According to the PDS model, academic institutions provide theoretical knowledge for applied schools, and in return, schools provide practical and applied knowledge related to teacher work and the school system. The PDS model brought changes to cooperative training teacher's roles in the world of practical and applied training. These changes mainly depended on nurturing the relationship between the cooperating teacher and the trainee students, making it more balanced. At the Professional Development School, trainees learn to be teachers by collaborating with their colleagues, primarily through receiving support and advice from a training teacher. This type of application is a positive experience that exposes students and teachers to real decision-making methods through interaction with different education partners (Ariav, 2001; Zelberstein, 1995).

 The teacher training schools in Israel combine different types of practical training: traditional training, the Professional Development Schools Model (PDS), and the Academy-Classroom model, which we are examining here.

***Academy-Classroom Model***

 The Academy-Classroom is the most recent model of practical training adopted by the Ministry of Education in Israel. This model was developed when it came to light a gap between the needs and the reality of the school educational field in connection with how academic institutions prepared their teachers. This inconsistency needed to be bridged through practical efforts from both sides. The insight gained by acknowledging the necessity of deepening and encouraging the participation of academic institutions in working to achieve the goals established by the education system was also an aspect that contributed to the project (Chadash, 2016). The educational background of this model relies on two theories: constructivism and the theory of cooperative teaching and learning (Maskit and Meburach, 2013).

 One of the most important goals to accomplish is to increase the schools’ to have a more prominent intervention in the professional qualification of future teachers (The Ministry of Education in Israel, 2014). The model relies on building up a strong alliance between academia and schools to find solutions to various issues such as enhancing meaningful learning in the classroom and improving the quality of instruction of the trainee teachers, as well as the quality of the professional development of the training teachers.

 The Academy-Classroom model is based on the principles of the PDS model that was implemented in Israel decades ago. Still, the Academy-Classroom model includes broader objectives, associations, and more generous assistance between educational institutions and schools. Through the efficient education system of the Academy-Classroom structure, training teachers are recruited through coordinated efforts between the academic institution represented by the educational counselor and the school administration, jointly with the ministerial Inspection Department. Moreover, academic institutions conduct professional preparation courses for training teachers (Murad & Assadi, 2017).

 According to the Academic-Classroom model, third-year teacher students go to schools for two to three days every week, 12-14 hours per week throughout the entire academic year. They are coached and mentored by experienced school teachers. The extensive attendance to schools throughout the week exposes the trainee teachers to a vast and diversified scope of teaching methods. This schedule allows them to plan and complete various educational and scholastic activities that keep pace with technological developments and updates in ministerial teaching curricula.

 Through the Academy-Classroom program, the training teacher gets a particular and specific weight in the learning process by assuming a number of key responsibilities and duties that differ from previous models’ practices. The teacher is expected to be a counselor and mediator in the various educational and pedagogical situations that may arise inside and outside the classroom, and an active part of the cultural and organizational environment of the school, addressing real-time and individual situations while applying an enriched educational vision that provides the student with a unique perspective.

 The conditions and expectations of the Academy-Classroom model are high. They demand from the training teacher a significant investment of their personal and professional time and effort. They have to undergo specialized professional courses to meet the standard of performance.

 This model adopts a co-teaching procedure whereby the training teacher and the trainee student work as educators to plan, give, and manage lessons, complementing each other’s work. A typical practice is that one teaches while the other provides support, alternating roles, and diverse teaching strategies (Cook et al., 1995).

**Research Questions**

 Since the inception of the AcademyClassroom model, several academic institutions in Israel have adopted the program, and several studies have examined its potential. However, as far as we know, no research has been done to evaluate the impact of this model based on the actual transformative work it delivers to the training teachers. Hence, this research was organized with the following aims:

1. To examine the changes in role performance of training teachers in the light of the Academy-Classroom model.

2- To investigate if a paradigm change has taken place in the training teachers’ roles following the implementation of the Academy-Classroom model. The exploration is centered on participants that have also worked according to former traditional models.

**Methodology**

***Participants***. Forty-four training teachers. All of them applied previously as a training teacher in the PDS model. The teachers are from eight elementary schools in northern Israel and are in charge of third-year grade teacher students majoring in science education.

***Research Method***. The research included a mixed methodology combining quantitative and qualitative methods.

***Quantitative Research***. The researchers developed a special questionnaire for the study. A group of experts in pedagogical guidance checked its validity. The researchers also examined the reliability of the tool by testing it on a pilot group. The questionnaire included 27 items in addition to open-ended questions. Based on previous studies (Ringgold 2009), the questionnaire was divided into three categories. The reliability of each category was calculated using Kronbach's alpha coefficients. The results showed a sufficient level of reliability: the first category related to the emotional support included nine items (α = 0.78). The second category related to the training teacher's role as a social guide for the trainee student included nine items (α = 0.82). The third category related to training teachers’ roles as subject matter guidance contained nine items (α = 0.79). The results of the questionnaire were analyzed using SPSS software.

***Qualitative Research***. It was done through individual interviews with eight teachers according to the Simi structural interview methodology. The qualitative part aimed to provide an opportunity for the interviewees to explain in detail their perception of their role from personal and professional points of view. This section included various open-ended questions, such as: “Tell me about your role as an Academy-Classroom training teacher” or “What changes have taken place in your work as a training teacher under the new model.” ***Analysis of Qualitative Data***. Interview analysis began with an in-depth reading of each interview, focusing on the perceptions of the people who participated. The main ideas were classified, contrasted, categorized, and merged into a common group to create an entire set of categories.

**Procedure**

***Quantitative Questionnaire***. The quantitative questionnaire was presented directly to the participants. The purpose of the study was explained, and the participants filled it in voluntarily and anonymously.

***Qualitative Research***. The participants were randomly chosen and then addressed personally. They were informed that their collaboration was requested for an academic study, that it was optional and confidential. The interview lasted about sixty minutes.

**Findings**

***The effect of the Academy-Classroom model on training teachers’ roles***

 **Quantitative Results Analysis.**The mean and standard deviations were determined for the different categories of the training teachers’ roles. The Academy-Classroom program and the traditional model were analyzed comparatively using "T" test for paired samples.

 The findings indicate (Table 1) a significant increase (t(42)=3.92, p< 0.01) in the training teachers’ roles performance in all categories for the Academy-Classroom model (M=4.32, SD=.49) by contrast with the traditional model (M=3.68, SD=.82). The results also reveal an important increase for each role category in the Academic-Classroom model compared to the same category in the traditional model. The data could not confirm a statistically notable difference between the Academy-Classroom’s different role categories.

Table 1. The roles performance of training teachers in the Academy-Classroom model compared to the traditional model

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Traditional model N (44) M (SD) | Academy Classroom ModelN (44) M (SD) | t (42) |
| Emotional support | 3.60 (.85) | 4.28 (.56) | 4.78\*\* |
| Social Guidance | 3.78 (1.07) | 4.44 (.72) |  2.49 \* |
| subject matter guidance | 3.57 (.76) | 4.33 (.50) | 5.36\*\* |

\*P<.05 \*\* P<.01

 **Qualitative Results Analysis.** The qualitative analysis of the interviews revealed some relevant issues.

 *1-****Emotional Support***. This aspect was the most prominent and vital feature that training teachers appreciated in their role within the Academy-Classroom model.

As one of them stated: “It feels to me like a parental relationship given my generation, experience, and seniority. I deal with the people who work with me without barriers, and we listen to them, to their feelings and the difficulties they face, and even their observations, and we listen to them and give them notes to push them for the better.”*2-****Social Support.*** According to the results, the training teachers considered social support -counseling and integrating trainees into the school's educational social life- as the second essential feature derived from an Academy-Classroom environment.

 One of the training teachers pointed out: “When students come, they are not aware of the “dance” that the school operates on, so first, we teach them about it. And this makes them understand how the school works.”*3-* ***Subject matter guidance.*** This aspect occupies the third place and is well expressed by the words of this teacher: “Our job is to discover the trainee students and discuss teaching methods and strategies with them in a manner that i appropriate to the subject and age group of the classes.”

***4- Personal responsibility for training and qualifying the trainee students***. Thequalitative analysis also has denoted strong evidence in favor of interpreting the Academy-Classroom plan as having expanded the authority and competencies of the training teacher. His/Her judgment can be decisive to determine the failure or success of the trainee student in the applications. This responsibility seems to reinforce the training teachers' feelings of partnership and commitment towards preparing and qualifying the trainee students.

 A teacher summarized this level of implication, saying: “I feel a great responsibility to qualify them and prepare them to complete our journey.”

**Summary and Discussion**

 This study has examined the changes in training teachers’ work following the implementation of the new Academy-Classroom model for practical training. The study opted to look into the role performance of training teachers under the Academy-Classroom program and explore if a paradigm change took place in training teachers' roles.

 The results demonstrate a statistically remarkable increase in the cooperative teachers' role performance throughout three main aspects: social perspective, training with a focus on a subject matter guidance, and mentoring students with an emotional approach. Based on the findings, it was evident that the main focus of the cooperative teachers' work in the Academic-Classroom program is providing emotional support, followed by social counseling and guidance. Working as mentors in the academic field comes in third place.

 The results also confirmed that the principal axes of teachers' priorities when training students during the Academic-Classroom plan exceeded the technical and professional involvement, such as observing a student's class and giving him/her written feedback. Instead, their concern was centered around instructional and pedagogic purposes. For example, even class observations are not carried out in a purely technical context but rather within an educational process. It is usually preceded by consultation between the experienced teacher and the trainee student. The lesson is also delivered with mutual cooperation, and it is supported by a session destined to discuss the lesson plan and its realization. A broader integration in preparing and qualifying trainee students is assumed. The authority and responsibilities of the training teachers are increased: they have a definite effect on the trainee students’ possibilities to progress in their careers. The beforementioned aspects have enforced the training teachers' sense of partnership and trust concerning training and preparing the trainees.

**Concluding remarks**

 The new framework provided by the Academic-Classroom model has enhanced and stimulated the training teachers’ functions. In the past, the training activity was somehow a marginalized role. It mostly lacked the characteristics necessary to satisfy practical instruction within the education system. Moreover, the Academy-Classroom program has built a channel of communication that was previously absent or not so substantially established, enabling the training teachers to have a critical influence on the personal, social, and professional identity of the future teacher.

 This program has brought about a paradigmatic shift in training teachers’ roles and their work. These teachers have been transformed into cooperating professionals that do not just act as technical supervisors. They are educators in a more comprehensive way. (Clarke, 1997; Hatch, 1993; Kettle & Sellars, 1996).

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