



called educators, and all Malaysians are definitely connected to these educators for their children's education. As such, the service is focused on improving the quality of educators over time in the form of multidimensional aspects. Training and educational institutions in these institutions have emerged as the necessity for individuals in society to be better prepared for the current and future lives. Education in education institutes is of greater institutional significance and the purpose, curriculum and educational philosophy of education is a matter of concern to individuals and institutions in society (Voloshina, Demicheva, Reprintsev, Stebunova & Yakovleva, 2019). The main issues related to the initial education of prospective students concern teachers, in particular: what is the teacher's requirement? In order to fulfill its role and work successfully, what do teaching skills, knowledge, quality and moral competencies should teachers have? This paper discusses one of the top three things, in particular teachers' position as educators, examined from a student's perspective—future teachers in natural sciences (Mitevski, Petrusheva & Bijana, 2017). The teaching models are very important.

Basically, the establishment of teacher quality standards begins with quality teacher education. Teacher education programs are capable of producing quality teachers in terms of teaching excellence, teaching techniques, academic knowledge, human capital understanding, critical thinking, technology, and community engagement (A & Willis, 2008). Every society needs competent teachers to teach knowledge, develop reasoning skills and improve the problem-solving skills of the masses (Aajiz, Raza, & Niazi, 2019). Moreover, Hofstede and Hofstede (2005) said that the effectiveness of teacher education programs to produce quality teachers should take into account the characteristics of prospective teacher education programs, program complexity, program content, and schools where teaching training is conducted. These ideas are supported by the findings of an empirical study which shows that well-designed teacher education programs give pre-service teachers the opportunity to apply theory, knowledge, pedagogical practices, and better understanding of student diversity in the process of shaping teacher quality towards producing quality education (Dunst, Hamby, Howse, Wilkie, & Annas, 2020).

A review of Fasko and Willis, (2008), found that the process of teacher quality formation takes place by (a) increasing teacher confidence; (b) developing three types of integrated teacher knowledge which are; content knowledge, pedagogical knowledge and pedagogical content knowledge; (c) ensuring teaching practices have the maximum impact; (d) supporting the development of pre-service teachers through collaborative and coherent learning opportunities; and (e) ensuring the best selection of teachers. This is especially true for new teachers are able to engage in more genuinely practices. They learned to teach by seeing and being mentored in these practices in both their teacher education classes and partnership school settings; learning the underlying theories connected to strategies, so they can develop classroom activities based on how children learn and develop socially, emotionally, and cognitively; having opportunities to plan curriculum, enact it, and evaluate learning; and developing both dispositions and skills to meet students' learning needs (Darling-Hammond, 2020).

Similar findings were obtained in a review of 15 teacher education programs which found that in order to produce quality teacher education programs, the program should have the characteristics of (a) having a coherent vision and encouraging a variety of parallel experiences; (b) integrating theory and practice, field knowledge, and subject matter pedagogical knowledge into course work and field experience; (c) carefully designing the field experience; (d) setting standards to ensure the quality of pre-service teacher teaching; (e) implementing an active pedagogy using modelling and encouraging reflection; (f) emphasizing more on the diversity of the student population; and (g) building a professional community through collaboration (Fasko & Willis, 2008). Moreover, Dunst, et al., (2020)

suggested that only pre-service and novice teachers will still have to improve their teaching skills. The patterns of results are consistent with the appeal for the preservation of teachers and the preparation of start-up teachers in practice (Hauser & Kavanagh, 2019; Jansse, Grossman & Westbroek, 2015; Peercy & Troyan, 2017), which 'focuses practical training more directly on the implementation of teaching practices' (Forzani, 2014). The results further underscore the importance of active student preservation and the start of teacher participation in the acquisition of knowledge and skills at all times during teacher training (Herrington & Herrington 2017) and coaching, mentoring and feedback on this knowledge and skills acquisition (McGraw & Davis 2017).

In addition, owing to this variation, researchers have been able to distinguish the variations between teacher and pupil performance in various types of services. In fact, both quantitative and qualitative analyses of the programs have found that candidates feel more informed and more successful, last longer in the field and have more beneficial effects on student performance when their programs include (Darling-Hammond, 2012; 2020).

- a common, clear vision of good teaching that permeates all coursework and clinical experience; Create a coherent set of learning experiences;
- well-defined principles of clinical conduct and success that are used for advice and instruction; Consider the function of the course and clinical practice;
- a solid, core curriculum, taught in the sense of experience, focused on children's knowledge; and the growth and thinking of youth, the awareness of social and cultural backgrounds, Curriculum, examination and pedagogy of subjects;
- extended, well-supervised clinical experiences that are carefully chosen to support ideas; Presented in a closely interwoven workshop;
- use of performance assessments and portfolio assessments that apply learning to real problems Practices;
- shared beliefs and practices between school-based and university-based faculties and well-established faculties; Partnerships between schools and universities

The findings from the researches showed that the development and improvement of teacher quality will only take place in a positive and supportive environment. Although it has been previously stated about the quality of teacher needed in each individual teacher, teaching is in line with learning which is not effective if it is considered to be an individual activity only. Teachers are part of a social network, either with students or within the school community environment. Strong community environment and strong school leadership support also play an important role in shaping the quality of individual teachers (Lund, 2008). This positive environment will provide the support needed by pre-service teachers (Dunst, et al., 2020).

Census conducted by the 42<sup>nd</sup> Phi Delta Kappa on the US school system for 2010 revealed that improving teacher quality can be achieved by recruiting the best teacher candidates (Ahmed, 2010). This shows that the public's view is in line with the findings of the study conducted on the community involved in education (Hofstede & Hofstede, 2005). In conclusion, the overall formation of teacher quality is closely related to the development of the quality of teacher characteristics that has been identified in previous studies. Therefore, the development of teacher quality in this teacher education program is also closely related to the evaluation of the effectiveness of the program. This study used self-assessment as a method that can be used to determine the level of teacher achievement based on the teacher quality indicator (Ministry of Education, 2013). Furthermore, Aajiz, et al., (2019) also

suggested that certain standards should be established to ensure quality in education, so that every educational institution must meet a quality criterion and that the same criterion is known as a quality standard. Reforms in the teacher education program must be carried out and can only be carried out by setting goals. Institutions shall be accredited to a certain category with quality-oriented authorities on the basis of their comparative quality for this purpose.

## **PROBLEM STATEMENT**

Teachers have the responsibility as effective agents of knowledge in school. An effective teacher is to teach and educate students to become ethical. In addition, teachers at the same time are thinkers who contemplate on solving a problem presented by the community (Darling-Hammond, 2020). These tasks can be carried out trustworthily if the teacher practices academic ethical values. Nonetheless, misconduct of Teacher Quality Standards is reported to occur in schools in the country today (Muhamad Dzahir Kasa, 2004). Based on research by De Rusy (2003) instances in misconduct of Teacher Quality Standards are teachers coming to class late, using profane and vulgar language to students, being biased, abusing research grants, practicing plagiarism, engaging in romantic relationship with students (dual relationships), failing to perform assigned administrative work, refusing to carry out research and teaching tasks.

Study findings from Keith-Spiegel et al. (2002) showed that among the misconduct of Teacher Quality Standards were teachers did not take action against students who cheated, used invalid measurements, gave false information in student support letters, and gave high marks to students regardless of the quality of their assignments. Further, a study by Morgan (2001) showed that the misconduct of Teacher Quality Standards were teachers' failure to display ethical behaviour, pretended to be decent in school and used profane language to students in class. According to Muslida, Firman and Ahmad (2019), becoming a teacher would be an excellent model for students to imitate. The exemplary example that the teacher needs to use can be the words, manners and examples of exemplary behavior in everyday life. Since teaching is structured by providing examples, building up wills and fostering student imagination in the learning process (Duke, Cervetti, & Wise, 2017). The attitudes, examples, actions and words of the teachers seen and heard by the students can be seen in his heart, and the impact sometimes exceeds the influence of his parents at home (Rai & Chunrao, 2016).

The occurrence of misconduct in the Teacher Quality Standards that takes place in schools both locally and abroad is a universal problem in educational institutions (Muhamad Dzahir Kasa, 2004). The occurrence of misconduct in Teacher Quality Standards around the world reflects that Teacher Quality Standards cannot be practiced by some teachers in schools although teacher's work ethics serves as a guide to teacher duties, tasks and behaviours in schools. Teachers should make teacher's work ethics as a guide to their moral conduct and considerations in assessing right or wrong behaviour when facing ethical dilemmas. This is emphasized by schools when outlining the value of a teacher's work ethics, for example, as stated in the Teacher's Professional Ethics Guide in Malaysia (Kementerian Pengajian Tinggi Malaysia, 2005).

In particular, the Teacher Quality Standards contains rules and regulations that have been agreed upon by the academic community (Darling-Hammond, 2020). These rules and regulations contain values of Teacher Quality Standards that are intended to guide teachers towards displaying good moral conduct to students, colleagues and universities. The practice of Teacher Quality Standards is a guide for teachers to resolve the ethical dilemma of choosing moral conduct when facing personal

conflict in the profession. Such a situation requires that teachers refer to the values of the Teacher Quality Standards so that teachers' behaviour does not conflict with the values of the Teacher Quality Standards (Karimovo, 2019).

The ability of the teacher to practice the values of the Teacher Quality Standards and behave ethically depends on the level of moral competency. Teachers with high levels of moral competency are also associated with adherence to the values of Teacher Quality Standards (Haines, Street & Haines, 2007). Teacher Quality Standards among teachers are related to moral competency. Teachers with high moral competencies are expected to have the ability to choose ethical values to guide ethical behaviour when facing academic ethical dilemmas. One of the factors that determine ethical behaviour is the moral competency of individuals in facing ethical dilemmas by taking into account ethical values in the academic profession (Coughlan, 2005). Teachers with high levels of moral competency are expected to behave in line with academic ethical principles. Teachers will also be responsible for carrying out their daily tasks at their workplace. Therefore, a study of moral competency and its influence on Teacher Quality Standards should be conducted among national school teachers in Malaysia. Researchers have found that there is a gap between Teacher Quality Standards and ethical behaviour among teachers. The gap that separates these two factors is moral competency. This gap is expected because individuals with low levels of moral competency may find it difficult to consistently apply Teacher Quality Practice values in the decision-making process and considerations to choose morally acceptable behaviour and tend to violate Teacher Quality Standards (Aajiz, et al., 2019; Coughlan, 2005). Teachers who are morally competence will behave in an ethical manner that is respectful to others and based on universal moral values. (Mc Daniel, 2007; Lind, 2002). In general, this paper aims to discuss the level of moral competency and practice of Teacher Quality Standards with reference to demographics (gender, age, and ethnicity), class size, number of subjects taught and school experience.

## **METHODOLOGY**

This study was conducted to identify the level of moral competency towards Teacher Quality Standards in terms of demographics aspects, number of subjects taught and years of teaching experience. This study used survey method through distributed questionnaire. Population and study sample consisted of teachers in national schools in Kedah, Perlis and Penang. A total of 142 teachers were selected as the study sample. The criterion for teacher selection was that teachers have served at least three years in school. This period allows teachers to have experience in teaching and better understanding of the teacher's work ethics.

The instruments used to measure the study variables were the three-part standard instrument, the first was a questionnaire on demographic information while the Moral Judgment Test (MJT) (Lind, 2000) was to measure moral competency, and the third was the College Teaching Behaviours Inventory (CTBI) (Braxton, & Bayer, 2003). The CTBI scale described the attitudes and practices of academicians in relation to academic ethics and behavioural norms in teaching.

## **Procedure**

Prior to data collection and project documentation, the first step taken by researchers prior to data collection was to obtain permission from ethical committee of University Research, Innovation and Management Center. The next step is to seek approval from the Ethical Committee of the Ministry of Education's Planning and Policy Branch of the Ministry of Education of Malaysia for more URL research: <https://eras.moe.gov.my/>. After receiving the consent of the Ministry of Education, which is

deemed to be an Ethical Review Committee for Malaysian Schools, a formal submission was made to the Department of State Education of Kedah , Perlis and Penang. Subsequently , the researcher will approach and remind the principal of the selected national high school with a view to distributing the questionnaire. A pilot test was conducted with 30 respondents from Sintok City, Kedah. The reliability of the test is 0.80 (alpha Cronbach) for Lind's (2000) Moral Judgement Test and 0.85 (Alpha Cronbach) for Braxton and Bayer's (2003) College teaching Behavior inventory. The 200 sets of questionnaires were printed and circulated to designated schools, but only 142 were returned. In order to support the process of administering the questionnaire, the researcher requested assistance from the senior administrator or the school administrator involved in administering the questionnaire to the respondent (teacher). After one week the questionnaire was collected from the schools for data analysis. Subsequently, the data will be recorded in SPSS v.25 in stages and the results will be obtained from the analysis.

## RESULTS

### Level of teachers' moral competency

Findings of teachers' level of moral competency were based on demographic aspects of the study respondents. In terms of gender, there were 68 male teachers and 74 female teachers. The high percentage for male and female teachers was within the range of 1-9 moral competency scores, which was very low level (male 50.0%, n = 34; female, 40.5%, n = 30). Only 19 male teachers (27.9%) and 18 female teachers (24.3%) were at moderate level of moral competency (mean score 20-29) as shown in Table 1.1.

**Table 1. Teacher Moral Competency based on Gender**

GENDER		MEAN					Total
		1-9 Very low	10-19 Low	20-29 Moderate	30-39 High	40-49 Very High	
Male	N	34	15	19	0	0	68
	%	50.0	22.1	27.9	.0	.0	100.0
Female	N	30	15	18	8	3	74
	%	40.5	20.3	24.3	10.8	4.1	100.0
<b>TOTAL</b>		<b>64</b>	<b>30</b>	<b>37</b>	<b>8</b>	<b>3</b>	<b>142</b>

$\chi^2(4, N=142) = 11.04, p < 0.05$

The result for level of moral competency in terms of age (see Table 1.3) showed that teachers between the ages of 20-28 were at a moderate level of moral competency (38.9%, n = 7), from 29-37 years were of very low level (58.8%, n = 10), and age ranging 38-46 and 47 - 55 years were of low moral competency (36.8%, n = 21), (73.3%, n = 22) respectively. Meanwhile teachers of 56 years and above were also found to be at a very low level (86.7%, n=13).

**Table 2. Teacher Moral Competency based on Age**

AGE		MEAN					Total
		1-9 Very low	10-19 Low	20-29 Moderate	30-39 High	40-49 Very High	
20-28 years old	N	7	4	7	0	0	18
	%	38.9	22.2	38.9	.0	.0	100.0
29-37 years old	N	10	1	3	2	1	17

	%	58.8	5.9	17.6	11.8	5.9	100.0
38-46 years old	N	10	21	18	6	2	57
	%	17.5	36.8	31.6	10.5	3.5	100.0
47-55 years old	N	22	2	6	0	0	30
	%	73.3	6.7	20.0	.0	.0	100.0
56 years old and above	N	13	2	0	0	0	15
	%	86.7	13.3	.0	.0	.0	100.0
<b>TOTAL</b>		<b>64</b>	<b>30</b>	<b>34</b>	<b>8</b>	<b>3</b>	<b>139</b>

$X^2(20, N=139) = 51.92, p < 0.05$

In addition, the findings as in Table 1.4 showed teachers' moral competency in terms of number of subjects they taught at school. Findings showed that teachers who taught two and three subjects a year have a moderate level of moral competency (32.2%, n = 19), (47.4%, n=9) respectively. Teachers with very low levels of competency were teachers who taught only one subject (63.6%, n = 35).

**Table 3. Teacher Moral Competency based on Number of Subjects taught in School**

SUBJECTS		MEAN					Total
		1-9 Very Low	10-19 Low	20-29 Average	30-39 High	40-49 Very High	
1 Subject	N	35	12	6	2	0	55
	%	63.6	21.8	10.9	3.6	.0	100.0
2 Subjects	N	29	8	19	3	0	59
	%	49.2	13.6	32.2	5.1	.0	100.0
3 Subjects	N	0	7	9	0	3	19
	%	.0	36.8	47.4	.0	15.8	100.0
<b>TOTAL</b>		<b>64</b>	<b>27</b>	<b>34</b>	<b>8</b>	<b>3</b>	<b>136</b>

$X^2(12, N=136) = 93.71, p < 0.05$

In relation to the level of moral competency in terms of teaching experience, 57 teachers were at a very low level while 34 teachers in the moderate level of the total 132 teachers. Teachers with very low levels of moral competency were teachers with a service period of 3–8 years and 9 -14 (49.1%, n = 27), (45.7%, n = 21) respectively. Teachers between 15-20 years old were at a moderate level (41.4%, n = 12) as shown in Table 1.5

**Table 1.5 Teacher Moral Competency based on Teaching Experience**

TEACHING EXPERIENCE		MEAN					Total
		1-9 Very low	10-19 Low	20-29 Moderate	30-39 High	40-49 Very High	
3-8 years	N	27	15	10	2	1	55
	%	49.1	27.3	18.2	3.6	1.8	100
9-14 years	N	21	7	12	6	0	46
	%	45.7	15.2	26.1	13.0	.0	100
15-20 years	N	9	6	12	0	2	29
	%	31.0	20.7	41.4	.0	6.9	100
21-25 years	N	0	2	0	0	0	2
	%	.0	100	.0	.0	0	100
<b>TOTAL</b>		<b>57</b>	<b>30</b>	<b>34</b>	<b>8</b>	<b>3</b>	<b>132</b>

$$X^2(12, N=132) = 23.79, p < 0.05$$

## DISCUSSION

The findings showed that the level of moral competency differs based on the gender aspects of the teachers. Female national school teachers have higher moral competency than the male teachers. Study from Harding, Mayhew, Finelli, and Carpenter (2007) found that women were more aware of the concept of justice and had a greater sense of responsibility. The study showed that national school teachers were more concerned about ethical issues and less likely to go against the ethics. This showed that female national school teachers have high levels of moral competency and high moral standards. Chan and Leung (2006) also supported the study because it found that women have higher moral competency than men. Meanwhile O'Leary and Radich (2001) found that men have four times the tendency to behave in an unethical way. The technical and moral competence of a primary school teacher is the area of practice and accomplishment of the pedagogical skill of a practitioner. In pedagogical values, personality manifests its own strengths and mediates the process of appropriating a variety of relationships, including moral ones, i.e., personality, acting on others, creates itself, determines its own development and realizes itself in activity (Karimovo, 2019). Moreover, Muslida, et al. (2019) reveals that there are still teachers who tell the students irrespectively. The inconsistencies between what the teachers convey and what the teachers do, such as evaluating the results of student assignments and applying the rules in the classroom during the learning process, the students recognize how to dress the teacher in front of the classroom, the students influence learning, and teachers misbehave in front of students in the classroom. In addition, students often try to pull out, skip or get out of class if the teacher who taught them is a teacher they do not like.

Referring to the level of moral competency based on age, the study found that young national school teachers in the age group between 20-28, 29-37 and 38-46 have higher levels of moral competency than 47-55 and 56 year old school teachers and above. The national school teachers have high moral competency because the current level of education and experience has led the national school teachers to have high levels of moral development. High level of moral development influence moral competency when dealing with ethical issues in teaching (Karimovo, 2019). There are studies that show that individuals who are younger are less likely to commit ethical misconduct in their teaching because of their high levels of moral competency based on experience gained have allowed them to be sensitive to behaviours that violate teacher quality standards (Rest, 1986).

It is evident that innovative education development is possible only on the basis of the energy and initiatives of young teachers, skilled and professional teachers, who have mastered the whole range of professional skills with large levels of knowledge integrated in the teaching, teaching and technology standards for school 21st. Education of the century (Voloshina, et al., 2019). Karimovo (2019) states that the morality feelings of the teacher can be separated into several groups depending on the subject. There are feelings of professional duty and responsibility in the context of feelings that rule a teacher's role in his life, where the teacher's attitude towards himself as a sign of the teaching profession can be defined by self-criticism, confidence and honor; eventually there are emotions that display the teacher's attitude in the pedagogical process. The foundation of moral relationships lies in the relationship between responsibilities and the mutual awareness of individuals, personal and public interests. Moral relations are governed by moral principles, standards, customs, publicly recognized traditions or groups that are assimilated by the individual in his / her collective activity.

Previous studies showed that higher education helped individuals develop character and social and ethical justice (Mayhew & Engberg, 2010). National school teachers who were highly educated were also better able to identify ethical dilemmas and made less non-ethical decisions (De Cremer, Tenbrunsel & Van Dijke, 2010). Higher education received by individuals and work experience resulted in individuals having high levels of moral competency (Tenbrunsel & Smith-Crowe, 2008).

In addition, in terms of teachers' level of moral competency based on number of subjects taught, such as 2 - 3 classes and 5 - 6 subjects in a week has higher moral competence than teachers who taught fewer classes and courses. The large number of students in the class required teachers to give more focus, be sensitive towards teaching, and become more responsible towards the students. Therefore, teachers must be competent in the subject being taught, maintaining student confidentiality and relationship with students. In addition, the study showed that teachers with workloads and time constraints will experience work stress (Gillespie, Walsh, Winefield & Stouuch, 2001). Teachers who have workloads are more skilled at solving issues in teaching. The findings showed that teachers who taught between 3 and 4 subjects a week have the ability to deal with stress from workload and that stress did not affect the moral competency of teachers.

Teachers with a reduced workload are less vulnerable to job pressures and have been able to make rational choices and assessments in the face of ethical dilemmas (Selart & Johansen, 2011). Ethical dilemmas and pressures were not so much faced by teachers with a limited number of students, whereas low-risk teachers were found to be very professional (Starcke, Polzer, Wolf, & Brand, 2011). Evidence suggests that if the program were to facilitate the recruiting of high-quality preparatory programs for well-educated candidates and to provide ample incentives to research subjects and pedagogy and to enable further education on the basis of productive practices, average teaching performance would be rated much greater. In order to enforce these measures that allow teacher education to be transparent, appropriate opportunities for the recruiting, retention and delivery of teachers to areas where they are needed must be implemented, along with the accreditation and licensing program that allows schools to follow good practices. This includes teaching assessment approaches – for example, standard-based success assessments used not only to assess the efficacy of instruction but also to help improve productivity at the same time; results-based qualification techniques – to provide evidence of the applicant's training through tests that demonstrate their skills.

### **Recommendation and Limitation of the study**

The results of this study showed that national school teachers who have higher levels of moral competency showed better ethics towards students such as not lowering students' dignity with negative comments during class, did not avoid helping their peers and students who needed help regarding teaching and learning. They were also not condescending to their colleagues, and they displayed good moral values towards their students. The study also found that demographic aspects were closely related to teacher moral competency in national schools. The practice of Teacher Quality Standards was also impacted by school demographics and teaching experience.

As shown by the findings of the research on an objectively developed educational model in the field of 'primary education,' teachers trained on the basis of this model vary dramatically in their higher level of enthusiasm for professional successes, their more pronounced social and professional obligation, the frequency and consistency of humanistic attitudes, as well as their social and professional experience. Employers — school leaders, experienced teachers and tutors — also note the same personal parameters in young specialists (Voloshina et al . 2019).

The study also showed that the practice of Teacher Quality Standards in national schools was not at a critical level that requires formal rehabilitation action by the Ministry of Education Malaysia. Studies have shown that in addition to the variables of moral competency, namely the cognitive and affective capacities inherent in individuals, demographic variables and school experiences also influenced the practice of Teacher Quality Standards in national schools in Malaysia.

In addition, the findings of this study provided basic knowledge on the practice of Teacher Quality Standards in national schools and the relationship with moral competency based on demographic aspects and teaching experience in school. National school teachers who practice Teacher Quality Standards demonstrated that they have the capacity for moral competency in self-governance by applying Teacher Quality Standards when making decisions and considerations in choosing ethical behaviour. National school teachers who practice good ethics are often aware of behaviours that lead to misconduct in Teacher Quality Standards. Therefore Gibsons (2020) has proposed that this moral potential would also be discussed in other fields such as healthcare; the difficulty of healthcare currently demands healthcare practitioners to practice responsible ethical decision-making through moral courage. Moral bravery must also be developed before joining the field.

Additionally, Muslida, et al., (2020) described it can be concluded that the example of the teacher has a positive and meaningful relation to student disciplinary behaviour. A positive interaction means that the more positive the example of the instructor is, the student's disciplinary actions, and vice versa. From Muslida et al., study it is understood that the experience of the instructor has an important impact on student behavior with an influence of more than 10 %. That means that the greater the influence of the example of the teacher, the discipline of the student will also increase. The model of the teacher that affects the behavior of students' disciplines 1) good language, 2) work spirit, 3) honesty, 5) capacity to support relationships and moral life, 6) capacity to promote self-care and the environment.

### **Limitation of study**

This study also has its own limitation, which needs further improvement. The limitations are as follows: 1) A more evidence-based strategy would be to teach moral courage through simulation. Simulating a moral situation that would demand moral bravery may build a context for the learner to participate on a physical, mental, emotional and experiential level; 2) A council for the evaluation and revision of professional standards may be established; 3) A rigorous and frequent inspection mechanism for conformity with professional standards may be established; 4) A penalty and reward system may be established to ensure quality by implementing professional standards in the teaching profession; 5) Longitudinal studies involving a mix of quantitative , qualitative and experimental design methodologies should be used in the future.

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