# The Relationship Between EFL Teachers' Emotional Intelligence and Their Effectiveness in Managing Young Learners' Classrooms

#### Hamid Marashi

Assistant Professor of Applied Linguistics, Islamic Azad University Central Tehran Branch, Iran **Zaynab Zaferanchi** 

MA in TEFL, Islamic Azad University Central Tehran Branch, Iran

# **Abstract**

This study was an attempt to investigate the relationship between EFL teachers' emotional intelligence (EI) and their effectiveness in managing young learners' classrooms. A total of 25 female teachers of Kish Language School in Tehran expressed their willingness to participate in this study and a briefing session was conducted for them. Two sessions of each teacher's classes were observed by two raters who used the Murdoch (2000) checklist to score the effectiveness of each teacher's teaching once their inter-rater reliability had been established. At the end of the two observation sessions, the Bar-On EQ-i was administered to each teacher to test her El. To find out the relationship between the two variables of this study, that is the teachers' El and their effectiveness in managing young learners' classrooms, a Pearson correlation was carried out. The result showed that EFL teachers' EI had a significant relationship with their effectiveness in managing voung learners' classrooms. Furthermore, a subsequent linear regression analysis also demonstrated that teachers' EI was a significant predictor of their effectiveness in managing young learners' classrooms.

**Keywords:** emotional intelligence, effective teaching, managing classroom, young learners

# Introduction

The quest for improving learning has been an ongoing endeavor in all the subfields of education, language pedagogy being no exception. To this end, a sizeable portion of the endeavors in terms of theorization and empirical research has been focused on the variables of both teachers and learners

with the aim of investigating how manipulation of such variables could facilitate language learning as the personal qualities of teachers may very much affect the effectiveness of their practice (Reynolds, 2000; Yates, 2005).

Gordon (2001) believes that the teacher bears the power to establish a kind and respectful learning environment to expedite the learning process. He further argues that the teacher who plays a perhaps indelible role in fostering the students' learning needs is a whole person and it is this very whole person's personality traits that could conduce more effective classroom management and thereby higher learning.

One such personality trait is emotional intelligence (EI). Albeit the concept of EI may be arguably rooted back in the works of Thorndike (1920) who identified social intelligence as "the ability to understand and manage men and women, boys and girls to act wisely in human relations" (p. 228), the term itself was first mentioned decades later in a doctoral dissertation by Payne (1985) who proposed one can overcome his/her deficiencies when it comes to emotional functioning by showing solidity and substance vis-à-vis fear or desire.

Three years later, Bar-On (1988) referred to the *emotional quotient* which is the term commonly used today to refer to an individual's emotional intelligence score. He defined EI as being concerned with understanding both oneself and other people while relating to them and managing to adapt to and cope with the immediate surroundings thus more successfully handling environmental demands (Bar-On, 1997). This definition is somewhat more in line with the practical definition of teachers' success in managing their classes.

Salovey and Mayer (1990) defined EI as one's ability "to monitor one's own and other's feelings and emotions, to discriminate among them, and to use this information to guide one's thinking and action...it is a unique cognitive ability based upon emotion that is operationalized in an individual's social environment" (p. 189). Subsequent studies in the 1990s implicated the importance of EI as a variant of standard intelligence and a key component of self-regulation (Cherniss & Goleman, 1998; Mayer & Salovey, 1997; Salovey, Hsee, & Mayer 1993).

It was not until the publication of Daniel Goleman's best seller *El: Why It Can Matter More Than IQ* in 1995, however, that the term became widely popularized. Goleman (1995) defined El as including self-awareness, impulse control, zeal and motivation, empathy, and social deftness. Goleman's work ignited a vast new interest in El with different descriptions and studies being

documented (Boyatzis & Goleman, 2001; Boyatzis, Goleman, & Rhee, 2000; Brackett & Mayer, 2003; Ciarrochi, Chan, & Caputi, 2000; Dawda, & Hart, 2000; Sala, 2002).

At the most general level, EI refers to the ability among people to recognize and regulate emotions in themselves and others (Goleman, 2001). Spielberger (2006) suggests that there are three major conceptual models of EI: the Mayer and Salovey (1997) model, the Goleman (1998) model, and the Bar-On (2000) model. Bar-On (2003) further defined EI by writing that, "Emotional and social intelligence in connection with the EQ-i is a cross-section of interrelated emotional and social competencies that determine how effectively we understand and express ourselves, understand others and relate with them, and cope with daily demands and pressures" (p. 117).

Mayer, Salovey, and Caruso (2002) define emotions as signals that convey regular and discernable meanings about relationships; they further hold that a number of basic emotions are universal. Furthermore, Mayer, Salovey, Caruso, and Sitarenios (2003) attempted to define EI as a new form of intelligence. The abundance of definitions, however, have led to a confusion over the concept as Mayer, Salovey, and Caruso (2008) noted in a more recent work that:

The original definition of El conceptualized it as a set of interrelated abilities, yet other investigators have described El as an eclectic mix of traits such as happiness, self-esteem, optimism, and self-management. This alternative approach to the concept – the use of the term to designate eclectic mixes of traits – has led to considerable confusion and misunderstandings as to what El is or should be. (p. 503)

Despite the multiplicity and perhaps the inconformity of the definitions of EI, many researchers have described the importance of emotion in the learning process and in the construction of meaning and that if an event is related to positive emotions, there is a greater chance for successful patterning to take place (Caine & Caine, 1997; Cherniss, 2000; Jensen, 2005; Muijs & Reynolds, 2001). Hence, a teacher's handling of the emotional aspect in a classroom may be a decisive factor in the degree of his/her effectiveness of teaching.

Research indicates that a teacher who encourages warm interactions in the classroom and enables learners to influence their environment actually consolidates their interest in learning and ability to refrain from selfdestructive behaviors (Borich, 2003; Hawkins & Catalano, 1992; Jones & Tanner, 2005; Linn & Gronlund, 2000).

Agne, Greenwood, and Miller (1994) argue that effective teachers hold two discernible features which distinguish them from less effective ones: positive rapport with the students they teach and genuine respect for them and that students could more successfully reciprocate love and care towards others if affection were modeled for them. McBer's (2000) report indicates that the most effective teachers win the day through creating a positive classroom climate where students feel respect and trust alongside being supported.

To promote the above positive atmosphere, a teacher needs to be emotionally fit; teachers with behavior management and classroom discipline problems are frequently ineffective when it comes to classroom management and often complain of high levels of stress and symptoms of burnout (Berliner, 1986; Espin & Yell, 1994).

A multitude of research depicts that effective classroom management raises student engagement, lowers disruptive behaviors, and makes good use of instructional time (Wang, Haertel, & Walberg, as cited in Conte, 1994). Therefore, teachers who walk inside the classroom with effective classroom management plans obtain more success in eliciting positive student behavior.

Because of the key importance of the teacher in the pedagogical process, empowering him/her in terms of both knowledge and enthusiasm would bear a positive impact on the outcome of his/her instruction. This of course is not what could be expected of the teacher on his/her own. "If teachers," says Richards (2001), "are expected to teach well and to develop their teaching skills and knowledge over time, they need ongoing support" (p. 210). Hence, enhancing teacher effectiveness is perhaps more of an institutional matter rather than an entirely personal endeavor of the teacher.

In line with what has been discussed so far and prompted by a study conducted by Ghanizadeh and Moafian (2009) who investigated the relationship between teacher's EI and their effectiveness, the researchers were interested to see the pattern in the context of teaching young learners. Accordingly, the following two questions were raised:

- Is there any significant relationship between EFL teachers' El and their effectiveness in managing young learners' classrooms?
- Is EFL teachers' EI a significant predictor of their effectiveness in managing young learners' classrooms?

# Method

# **Participants**

The teachers who participated willingly in the present study were 25 Iranian female EFL teachers. They were all teaching at one of the Central Tehran units of Kish Language School and all had more than five years of teaching experience. These teachers taught in young learners' classes only (out of choice of course) and they did not have any adult classes in this school.

#### Instrumentation

An El questionnaire (EQ-i) and a checklist were used in this study which are described below.

#### Bar-On EQ-i Test

The EQ-i is a self-report measure of emotionally and socially intelligent behavior that provides an estimate of emotional-social intelligence. The EQ-i was the first measure of its kind to be published by a psychological test publisher (Bar-On, 1997), the first such measure to be peer-reviewed in the *Buros Mental Measurement Yearbook* (Plake & Impara, 1999), and the most widely used measure of emotional-social intelligence to date (Bar-On, 2001; Bar-On & Handley, 2003).

In brief, the EQ-i contains 133 items in the form of short sentences and employs a five-point response scale with a textual response format ranging from "very seldom or not true of me" (1) to "very often true of me or true of me" (5). A list of the inventory's items is found in the instrument's technical manual (Bar-On, 1997). The EQ-i is suitable for individuals 17 years of age and older and takes approximately 40 minutes to complete. The Farsi version of the questionnaire which had proven to be valid by Pishghadam (2007) was applied.

The EI test was scored based on guidelines provided by Bar-On (1997). The table of the EI scoring and sub-categories is available in the Appendix.

### Murdoch's (2000) Checklist

The instrument used for evaluating effective teaching in the process of this research was Murdoch's (2000) checklist. This checklist was selected since, according to Brown (2001), it had been prepared exclusively for observing language teachers. It contains three parts: Part A ELT competences (24 questions), Part B general teaching competences (10 questions), and part C teaching competences (20 questions). As this instrument was very detailed and some parts were not directly related to the variables of this research, classroom management and the teacher's personality factor and the questions relevant to them were selected and used in this study. The complete checklist contains 54 items each followed by four values from 1 to 4 (i.e., 4 = excellent, 3 = above average, 2 = average, 1 = unsatisfactory) and N/A meaning not applicable.

The 30 questions which were related to classroom management in this test were extracted. Both the complete version and the selected type of Murdoch's (2000) checklist are available in the Appendix. The total score was calculated based on the mean of values given to the teachers by two raters (one of the researchers and an official supervising observer of Kish Language School with more than six years of experience of observing classes) who had demonstrated inter-rater reliability.

# **Procedure**

To conduct this research, a briefing session was first of all arranged for the participants who were all teachers of young learners in two Central Tehran branches of Kish Language School (Jomhoori and Komayl). The different aspects of the research were elaborated mainly to assure the teachers that the result of the observations was going to be used just for the research purpose, and also no intervention on the side of the two observers would take place in their classes. At the end of the briefing session, the teachers who themselves said they were interested to take part in the study enrolled their names in the research process (a total of 25).

Next, each of the 25 teachers was observed by the two raters for two entire sessions. The observation was the main process of collecting data in this research. According to Bailey (as cited in Carter & Nunan, 2001, p. 114), classroom observation can serve four functions: first comes the pre-service teacher observation as a regular part of pre-service training programs. Second, the observer observes practicing teachers for the professional

development. Third is the observation done to judge the extent to which teachers fulfill the expectation of the administration. Fourth, observation is used as a means of collecting data in classroom research.

Prior to the observations, a separate briefing session was held for the official supervisor to inform her about the different dimensions of the study, particularly, the classroom management factors that had to be observed. Moreover, during the process of the study, the two raters had different meetings to arrange the order of observation, and to exchange the data they would gather in the process through using the Murdoch checklist (described above).

To further capture the classroom atmosphere, the raters arranged to observe teachers whenever they wanted to teach songs or chants which by nature motivate young learners to be more actively involved; consequently, the classroom had to be managed effectively (the transcription of events in one sample class which was recorded is available in the Appendix).

For the final phase, the EQ-i was administered to find out if there was a significant correlation between the obtained scores of the teachers on the Murdoch checklist and their EQ-i. Applying the EQ-i at first would raise their awareness toward the emotional aspect that was going to be observed; hence, it was postponed until the completion of the observation sessions.

# Results

A series of both descriptive and inferential statistics were conducted in this study to respond to the two questions raised. These analyses are presented below in a chronological order.

# Participants' Scores on the EQ-i

The descriptive statistics of the administration of the EQ-i to the 25 teachers participating in this study appear below in Table 1. As is evident, the mean and standard deviation of the obtained EQ-i scores were 400.08 and 16.92, respectively.

Table 1 - Descriptive statistics of the obtained scores on the EQ-i

	N	Min Max	May	Mean	Std. Deviation	Skewness	
			Widx			Statistic	Std. error
EQ-i	25	372.00	434.00	400.08	16.92	.220	.464
Valid N (listwise)	25						

# Participants' Scores on the Murdoch Checklist

Next, the descriptive statistics of the participants' performance on the Murdoch questionnaire was computed. First, Table 2 below displays the scores provided by each of the two raters to the 25 teachers.

Table 2 – Descriptive statistics of the scores given by the two raters on the Murdoch checklist

	Ν	I Min	Max	Mean	Std.	Skewness	
					Deviation	Statistic	Std. error
Rater 1	25	74.00	104.00	91.24	9.35	875	.972
Rater 2	25	70.00	105.00	89.09	9.81	606	.972

As discussed earlier, the inter-rater reliability of the two raters had to be checked. As the skewness ratios of the two sets of scores given by the raters were -0.90 (-0.875 / 0.972) and -0.62 (-0.606 / 0.972) both falling within the acceptable range of  $\pm 1.96$ , running the Pearson correlation which is a parametric test was legitimized.

Table 3 shows that the inter-rater reliability of the two raters was significant.

Table 3 – Inter-rater reliability of the two raters

		Rater 2				
Rater 1	Pearson Correlation	.836**				
	Sig. (2-tailed)	.000				
	N	25				
**Correlation is significant at the 0.01 level (2-tailed).						

Hence, the mean values given by the two raters were taken into consideration as the final scores of the Murdoch checklist. Table 4 displays this information with the mean and standard deviation standing at 89.66 and 8.83, respectively.

Table 4 – Descriptive statistics of the mean scores given by the two raters on
the Murdoch checklist

	N	Min	Max	Mean	Std.	Skewness	
	IN				Deviation	Statistic	Std. error
Murdoch	25	73.00	104.50	89.66	8.83	436	.464
Valid N (listwise)	25						

#### First Research Question

To see whether a significant relationship existed between the teachers' El and their effectiveness in managing young children's classes, the Pearson Correlation Coefficient had to be run. Prior to this of course, the assumptions for running this parametric test had to be checked, that is linearity, normality, and homoscedasticity of the two distributions of scores. To inspect the first parameter (linearity), the researchers used a scatterplot of the two variables of the study (Figure 1). As shown in this scatterplot, there was no kind of nonlinear relationship between the scores on the two batteries. Hence, the relationship was assumed linear and running parametric correlation was legitimate.

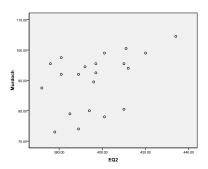


Figure 1 – Scatterplot of the obtained scores on the EQ-i and the Murdoch checklist

As for the second parameter – normality of the distributions – going back to Tables 1 and 4, the skewness ratios of both distributions fell within the acceptable range of  $\pm 1.96$  (0.220 / 0.464 = 0.474 and 0.436 / 0.464 = 0.939); hence, the distributions were normal. The remaining assumption which had to be checked was homoscedasticty, that is, the assumption that the variability in scores for the EQ-i should be similar at all values of the scores on the Murdoch Checklist; to this end, the researchers examined the residuals plot (Figure 2).

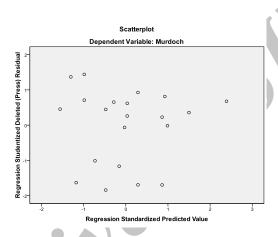


Figure 2 - Plot of studentized residuals for the Murdoch checklist

As demonstrated by Figure 2, the cloud of data was scattered randomly across the plot and thus the variance is homogeneous. With all the assumptions of correlation having been met, the researchers could run the Pearson Correlation to respond to the first question of the study (Table 5).

Table 5 – Correlation of the obtained scores on the EQ-i and the Murdoch

on on the contract							
		Murdoch					
EQ-i	Pearson Correlation	.436**					
	Sig. (2-tailed)	.048					
	N	25					
**Correlation is significant at the 0.01 level (2-tailed).							

As demonstrated by Table 5 above, the correlation came out to be significant at 0.01 level (r = 0.436, p = 0.048 < 0.05).

Table 6 - Correlation report

14410 0 00110144101110							
No of cases	R	Sig (2-tailed)	R <sup>2</sup>				
25	.436	.048	.19				

According to Table 6 above, R<sup>2</sup> (or common variance) which is the effect size for correlation came out to be 0.19. Common variances of 10-25% are considered to be of medium effect size (Larson-Hall, 2010).

As a result, the researchers were able to conclude that indeed there is a significant relationship between Iranian EFL Teachers' EI and their effectiveness in managing young learners' classrooms.

# **Second Research Question**

To respond to the second question (i.e., whether the teachers' El was a significant predictor of their effectiveness in managing young children's classes or not), a linear regression was run (Table 7). The researchers used 'enter' method for the regression model and the predictor variable was teachers' El and the predicted variable was teachers' classroom management.

Table 7 - Variables of the regression model 2

Model	Variables entered	Variables removed	Method
1	EQ2ª		Enter

a. All requested variables entered

b. Dependent variable: Murdoch

Table 8 below represents R and R square for this regression analysis.

Table 8 - Model summary: R and R square

Model	Model R R square		Adjusted R square	Std. error of the estimate
1	.436a	.191	.148	8.47579

a. Predictors: (constant), EQ-i

As reported in Table 8, the R came out to be 0.436 and R square 0.191. Table 9 reports the results of the ANOVA ( $F_{1,24} = 4.471$ , p = 0.048 < 0.05) which proved significant.

Table 9 – Regression output: ANOVA table

Model		Sum of squares	df	Mean square	F	Sig.
	Regression	321.227	1	321,227	4.471	.048a
1	Residual	1364.940	24	71.839		
	Total	1686.167	25			

a. Predictors: (Constant), EQ2

b. Dependent Variable: Murdoch

Table 10 demonstrates the standardized beta coefficient (B = 0.436, t = 2.115, p = 0.048 < 0.05) which reveals that the model was significant meaning that teachers' EI could predict their effectiveness in managing young learners' classes.

Table 10 - Regression output: Coefficients

Model		Model		idardized ficients	Standardized Coefficients	t	Sig.	
			B Beta					
1		(Constant)	-11.046	47.900		231	.820	
	EQ2	.255	.121	.436	2.115	.048		

a. Dependent Variable: Murdoch

Although normality of the distributions were checked for correlation in the previous sections, the residuals table (as demonstrated in Table 11 below) also verified the absence of outstanding outliers as the Cook's distance values did not exceed 1 and Mahalanobis distance values did not exceed 15.

Table 11 – Regression output: Residuals statistics

	Min	Max	Mean	Std. Deviation	N
Predicted Value	83.9184	99.7457	90.1667	4.00766	25
Std. Predicted Value	-1.559	2.390	.000	1.000	25
Standard Error of Predicted Value	1.850	4.893	2.513	.745	25
Adjusted Predicted Value	83.1892	97.3693	89.9973	3.92487	25
Residual	-14.2581	11.28409	.00000	8.26117	25
Std. Residual	-1.682	1.331	.000	.975	25
Stud. Residual	-1.734	1.400	.009	1.020	25
Deleted Residual	-15.1514	12.48529	.16935	9.06521	25
Stud. Deleted Residual	-1.840	1.439	008	1.050	25
Mahalanobis Distance	.001	5.713	.952	1.312	25
Cook's Distance	.000	.162	.049	.052	25
Centered Leverage Value	.000	.286	.048	.066	25

a. Dependent Variable: Murdoch

It was thus concluded that teachers' El was a significant predictor of their effectiveness in managing young learners' classrooms.

# **Discussion and Conclusion**

Based on the outcomes of this study, there was a significant relationship between EFL teachers' EI and the effectiveness of their management in young learners' classrooms. In simple terms, the higher the EI of teachers, the more effectively they can manage young learners' classrooms.

In addition to demonstrating that there was a linear correlation between the two aforementioned constructs, a predictability relationship was also established between the two. Hence, the results indicated that teachers' El was a significant predictor of the effectiveness of their management in young learners' classroom.

The significant correlation of teachers' effectiveness in managing young learners' classroom and their EI indicated that teachers with a high range of ability to sense and understand the classroom needs can be effective classroom managers for young learners.

A teacher as a key element in the classroom not only teaches new subject matter but also by managing a classroom effectively can provide a climate for students to flourish fully and humanely. Teachers who are emotionally intelligent bear in mind the following principles:

- The child has the right to have a teacher who is in a position to, and will help the child, limit inappropriate self-disruptive behavior.
- The child has the right to have a teacher who is in the position to and will provide the child with positive support for appropriate behavior.
- The child will be able to choose how to behave and know the consequences that will follow (adopted from Canter & Canter, 1976).

Incorporating these key points and objectives into a management plan can have positive results. In such a class that is managed by an effective teacher, students' participation will boost through a supportive and disciplinary climate of classroom allowing them to learn the foreign language more enjoyably, which in turn, can enhance the students' learning opportunity.

The aforementioned findings of this study have shown that EFL teachers with higher EI scores are more successful in their classroom management. They give respect to get respect from their students. Besides, there was clearly more joy among the students who were taught by an emotionally intelligent teacher. Furthermore, throughout the observation sessions, it was made clear that effective teachers sometimes controlled their classes by nonverbal signals; this means access to and employment of advanced interpersonal ability (i.e., one of the subcategories of EI).

When there is a significant relationship between EFL teachers' EI and their effectiveness in managing young learners' classrooms, teachers can improve their EI ability, which is a teachable ability (Cherniss & Goleman, 1998), to be more effective.

As previously mentioned, advanced EI can be beneficial in many areas of life. However, the application of its usefulness has been most frequently documented in the professional workplace. Cherniss (2000) outlines four main reasons why the workplace would be a logical setting for evaluating and improving EI competencies:

- 1. El competencies are critical for success in most jobs.
- 2. Many adults enter the workforce without the competencies necessary to succeed or excel at their job.
- 3. Employers already have the established means and motivation for providing El training.
- 4. Most adults spend the majority of their waking hours at work.

Hence, it is essential to inform teachers about EI and the benefit they can gain in their workplace, mainly in their classrooms, if they improve it. Teachers can also be given EI training in their routine teacher training courses. Implementing EI factors as elements affecting classroom managing without understanding the importance of emotional factors influencing teaching and learning processes, however, would not bear much added value. If the emotional factors of effective teachers thus promoting effective classroom management were to be borne in mind, reconsideration of teachers' training courses would be indispensable. Therefore, a thorough revisiting of the syllabus for teacher training programs should be part of the agenda in order to develop a syllabus which encourages and boosts EI.

Alongside designing such syllabus for teacher training and also inservice training programs, the same approach could also be adopted in designing teachers' guidebooks for young learners' textbooks. They could contain tasks and techniques which would encourage teachers to focus on and boost their EI in the process of teaching while also endeavoring to uplift young learners' EI in the process as well. To this end, a team of expert syllabus designers and material developers can engage with first-hand stakeholders – teachers and young learners themselves – to receive ideas from them in the process of producing the materials intended.

Received on March 10, 2010 Accepted on May 8, 2010

#### The Authors

*Hamid Marashi* is Assistant Professor of Applied Linguistics, Islamic Azad University Central Tehran Branch and Executive Manager of the Journal of English Language Studies (JELS). He currently teaches the graduate courses of seminar in TEFL issues, discourse analysis, and teaching language skills and his main areas of research interest include cooperative learning, collaborative teaching, critical thinking, and critical discourse analysis. He has published in national and international academic journals and presented in international conferences.

ahmuya@yahoo.com

**Zaynab Zaferanchi** holds an MA in TEFL from Islamic Azad University Central Tehran Branch and has been an English teacher in a number of the language schools in Tehran since 2005. She is particularly interested in teaching young learners and doing research on the learning and psychological traits of this group. She also has experience in syllabus design for young learners.

znz\_665@yahoo.com

# References

- Agne, K. J., Greenwood, G. E., & Miller, L. D. (1994). Relationships between teacher belief systems and teacher effectiveness. *Journal of Research and Development in Education*, 27, 141-152.
- Bar-On, R. (1988). *The development of a concept of psychological well-being*. Unpublished doctoral dissertation, Rhodes University, South Africa.
- Bar-On, R. (1997). The emotional quotient inventory (EQ-i): A test of emotional intelligence. Toronto, Canada: Multi-Health Systems.
- Bar-On, R. (2000). Emotional and social intelligence: Insights from the emotional quotient inventory (EQ-i). In R. Bar-On & J. D. A. Parker (Eds.), *Handbook of emotional intelligence* (pp. 363-388). San Francisco: Jossey-Bass.
- Bar-On, R. (2001). Emotional intelligence and self-actualization. San Francisco: Jossey-Bass.
- Bar-On, R. (2003). How important is it to educate people to be emotionally and socially intelligent, and can it be done? *Perspectives in Education*, 21(4), 3-13.
- Bar-On, R., & Handley, R. (2003). The Bar-On EQ-360: Technical manual. Toronto, Canada: Multi-Health Systems.
- Berliner, D. C. (1986). In pursuit of the expert pedagogue. *Educational Researcher*, 15(7), 5-13.
- Borich, G. D. (2003). Observation skills for effective teaching (4th ed.). Upper Saddle River, NJ: Merrill-Prentice Hall.
- Boyatzis, R. E., & Goleman, D. (2001). The emotional competence inventory (ECI). Boston, MA: HayGroup.
- Boyatzis, R. E., Goleman, D., & Rhee, K. (2000). Clustering competence in emotional intelligence: Insights from the emotional competence inventory. San Francisco: Jossey-Bass.
- Brackett, M. A., & Mayer, J. D. (2003). Convergent, discriminate, and incremental validity of competing measures of emotional intelligence. *Personality and Social Psychology Bulletin*, 29(9), 1147-1158.
- Brown, H. D. (2001). *Teaching by principles: An interaction approach to language pedagogy*. New York: Longman.
- Caine, R. N., & Caine, G. (1997). *Education on the edge of possibility*. Alexandria, VA: Association for Supervision and Curriculum Development.
- Canter, L., & Canter, M. (1976). Assertive discipline: A take-charge approach for today's educator. Santa Monica, CA: Lee Canter and Associates.
- Carter, R., & Nunan, D. (2001). The Cambridge guide to teaching English to speakers of other language. Cambridge: Cambridge University Press.
- Cherniss, C. (2000). Social and emotional competence in the workplace. In R. Bar-On & J. Parker (Eds.), *The handbook of emotional intelligence* (pp. 433-58). San Francisco: Jossey-Bass.
- Cherniss, C., & Goleman, D. (1998). Bringing emotional intelligence to the workplace: Technical report issued by the Consortium for Research on Emotional Intelligence in Organizations. Retrieved October 7, 2009, from <a href="https://www.eiconsortium.org/freport.">www.eiconsortium.org/freport.</a>

100

- Ciarrochi, J., Chan, A. Y. C., & Caputi, P. (2000). A critical evaluation of the emotional intelligence concept. *Personality and Individual Differences*, 28, 539-561.
- Conte, A. (1994). The discipline dilemma: Problem and promises. *Education*, 115(2), 308-314.
- Dawda, D., & Hart, S. D. (2000). Assessing emotional intelligence: Reliability and validity of the Bar-On emotional quotient inventory (EQ-i) in university students. Personality and Individual Differences, 28, 797-812.
- Espin, C., & Yell, M. (1994). Critical indicator of effective teaching for pre-service teachers: Relationships between teaching behaviors and ratings of effectiveness. *Teacher Education and Special Education*, 17, 154-169.
- Ghanizadeh, A., & Moafian, F. (2009). The role of EFL teachers' emotional intelligence in their success. *ELT Journal*, *64*(4), 424-435.
- Goleman, D. (1995). *Emotional Intelligence: Why It Can Matter More Than IQ*. New York: Bantam.
- Goleman, D. (1998). Working with emotional intelligence. New York: Bantam.
- Goleman, D. (2001). Emotional intelligence: Perspectives on a theory of performance. In C. Cherniss & D. Goleman (Eds.), *The emotionally intelligent workplace* (pp. 27-44). San Francisco: Jossey-Bass.
- Gordon, D. G. (2001). Classroom management. Music Educators Journal, 88(2), 17-24.
- Hawkins, J. D., & Catalano, R. F. (1992). Communities that care: Action for drug abuse prevention. San Francisco: Jossey-Bass
- Jensen, E. (2005). *Teaching with the brain in mind* (2nd ed.). Alexandria, VA: Association for Supervision and Curriculum Development.
- Jones, S., & Tanner, H. (2005). Teachers' interpretations of effective whole class interactive teaching. Retrieved September 12, 2009, from <a href="https://www.math.unipa.it/~grim/ATanner122-127.pdf">www.math.unipa.it/~grim/ATanner122-127.pdf</a>
- Larson-Hall, J. (2010). A guide to doing statistics in second language research using SPSS. New York: Routledge.
- Linn, R., & Gronlund, E. (2000). *Measurement and assessment in teaching* (8th ed.). Englewood Cliffs, NJ: Merrill.
- Mayer, J. D., & Salovey, P. (1997). What is emotional intelligence? In P. Salovey & D. Sluyter (Eds.), *Emotional development and emotional intelligence: Implications for educators* (pp. 3-31). New York: Basic.
- Mayer, J. D., Salovey, P., & Caruso, D. R. (2002). *Mayer-Salovey-Caruso Emotional Intelligence Test (MSCEIT): User's manual.* Toronto, Canada: Multi-Health Systems.
- Mayer, J. D., Salovey, P., & Caruso, D. R. (2008). Emotional intelligence: New ability or Eclectic Traits? *American Psychologist*, 63, 503-517.
- Mayer, J. D., Salovey, P., Caruso, D. R., & Sitarenios, G. (2003). Measuring emotional intelligence with the MSCEIT V2.0. *Emotion*, *3*, 97-105.
- McBer, H. (2000). Research into teacher effectiveness. Report 216. London: Department for Education and Employment. Retrieved on September 12, 2009, from www.dfes.gov.uk/research/data/uploadfiles/RR216.doc
- Muijs, D., & Reynolds, D. (2001). *Effective teaching evidence and practice*. Thousand Oaks, CA: Corwin Press Incorporation.

- Murdoch, G. (2000). Introducing a teacher-supportive evaluation system. ELT Journal. 54(1), 54-64.
- Payne, W. L. (1985). A study of emotion: Developing emotional intelligence, self integration, relating to fear, pain and desire. Unpublished doctoral dissertation, the Union Institute, Cincinnati, Ohio, USA.
- Pishghadam, R. (2007). On the influence of emotional and verbal intelligence on second language learning. Unpublished doctoral dissertation, Alameh Tabatabayi University, Tehran, Iran.
- Plake, B. S., & Impara, J. C. (1999). Supplement to the thirteenth mental measurement yearbook. Lincoln, NE: Buros Institute for Mental Measurement.
- Reynolds, D. (2000). Big questions: Should pedagogical change be mandated at times? *Journal of Educational Change*, *1*, 193-198.
- Richards, N. (2001). *Movement in language: Interactions and architectures.* Oxford: Oxford University Press.
- Sala, F. (2002). *Emotional competence inventory: Technical manual*. Philadelphia: HayGroup.
- Salovey, P., Hsee, C., & Mayer, J. D. (1993). Emotional intelligence and the self-regulation of affect. In D. M. Wegner & J. W. Pennebaker (Eds.): Handbook of mental control (pp. 258-277). Englewood Cliffs, NJ: Prentice-Hall.
- Salovey, P., & Mayer, J. D. (1990). Emotional intelligence. *Imagination, Cognition, and Personality*, 9, 185-211.
- Spielberger, C. D. (2006). Cross-cultural assessment of emotional states and personality traits. *European Psychologist*, *11*(4), 297-303.
- Thorndike, E. L. (1920). Intelligence and its uses. *Harper's Magazine*, 140, 227-235.
- Yates, G. C. R. (2005). How obvious: Personal reflections on the database of educational psychology and effective teaching research. *Educational Psychology*, 25(6), 681-700.



# Appendix EQ-i Sub Categories

	1	, .					ib Ca	5						
p	Optimism	11	20	56	54	08	106	108	132		-		Total=	
Mood	"													
	Happiness	2	17	31	47	79	11	16	105	120		-		
	σ —													
Adaptability	Impulse	13	27	42	28	73	98	102	117	130		-	Total=	
Adap	S												⊔	
	Stress Tolerance	4	20	33	49	64	78	93	108	122		)F	-	
	£													
	Flexibility	14	28	43	59	74	87	103	131			-	Total=	
SS.	,										L			
Stress	Reality	8	35	38	53	89	83	88	97	112	127	-		
	Problem Solving						V i							
		1	15	29	45	09	75	28	118			F		
	£					1								
	Social responsibility	16	30	46	19	72	92	06	86	104	119	F		
onal	la o													
Inter Personal	Interpersonal relationship	10	23	31	39	99	79	69	84	66	113	128	Total=	
	Empathy													
		18	44	99	61	72	86	119	124		ı	_		
Intra Personal	qe													
	epuebule	3	19	32	48	85	107	121			ı	_	Total=	
a Pel	no											-		
Intr	Self- actualization	9	21	36	51	99	81	92	110	125		F	-	

. 70												
Self- regard	11	24	40	56	70	45	100	114	129	-		
sse												
Assertiveness	22	28	<i>L</i> 9	82	96	111	126				T	
al ss												
Emotional awareness	7	6	23	35	25	89	88	116		.4	1	

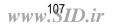
#### Murdoch (2000) Checklist (Complete Version) Part A: ELT Competencies 1. The teacher presents language points in clear and interesting ways. 2. The teacher employs a range of techniques to teach new vocabulary. 2 N/A 3. The teacher tries to relate language forms, functions and vocabulary to context relevant to students' interest. The teacher employs a range of techniques for participating grammatical 4. N/A The teacher sets up interactive pair/group activities appropriately. 5. 3 N/A 6. teacher employs developing activities a variety of for speaking/listening/reading/writing. N/A The teacher achieves a good balance of between accuracy focused, and 7. integrative, content-focused activities. The teacher uses games and puzzles effectively and appropriately. 8. N/A 9. The teacher gives students sufficient time to respond questions. N/A 10. The teacher encourages student to ask questions. N/A 11. The teacher elicits language and background knowledge from students appropriately. 2 3 N/A 12. The teacher dose not impede student learning via over-use of the mother N/A 13. The teacher is a good language model for the students. N/A 14. Teacher talk time is appropriate to for the language level of the class. 15. The teacher uses, and gets student to use, correct classroom language.

		1	2	3	4	N/A
16.	The teacher deals with errors systematically and	effe	ctive	ly.		
	,	1	2	3	4	N/A
17.	The teacher gets students to self-correct minor m	ista	kes.			
	· ·	1	2	3	4	N/A
18.	The teacher gets students to correct/comment	t or	n ead	ch o	ther'	s written
		1	2	3	4	N/A
19.	The teacher makes students aware of the strate	gies	they	car	use	e to learn
	English more effectively.	1	2	3	4	N/A
20.	The teacher uses/develops appropriate quizze	es a	and 1	tests	to	evaluate
	students' progress and increase motivation.	1	2	3	4	N/A
21.	The teacher gives students some say in the s	elec	tion	of th	ne c	
	activities.	1	2	3	4	N/A
22.	The teacher maintains a dialogue with students	to	argue			
	the material and his/her teaching methods.	1	2	3	4	N/A
23.	The teacher makes students aware of the	pe				poses of
0.4	classroom activities.	1	2	3	4	N/A
24.	The teacher takes into account students' dif					
	learning.	1	2	3	4	N/A
Part R:	General Teaching Competencies					
1.	The teacher believes that learning English is vital	llv ir	nnor	ant t	or	students'
	future success.	1 "	2	3	4	N/A
2.	The teacher sees language learning as a pa	rt o	_	•	•	,
	promoting international contacts and interest in or					
			2		4	N/A
3.	The teacher is knowledgeable concerning the us	e of	diffe	rent	vari	eties and
	style of English in different societies/culture.					
	400	1	2	3	4	N/A
4.	The teacher believes that education has vital role	e in	dete	rmin	ing t	he future
	nature of societies.	1	2	3	4	N/A
5.	The teacher considers students' cultural bac	kgr	ound	to	be	of great
	importance when preparing an ELT course.		_			
		•	2	3	4	N/A
6.	The teacher believes that he/she should empo					become
	increasingly more responsible for their own progr				-	N1/A
7,		-		•	4	N/A
7.	The teacher is prepared to experiment and carry			sroor	n re	search in
•	other to further improve his/her teaching compete			3	1	NI/A
0	The teacher makes constant effort to maintain/de				4	N/A n English
8.	The teacher makes constant effort to maintain/de communication skills.			_	0w	n ⊑ngiisn N/A
9.	The teacher is aware of value of professional of	•	_	-	-	
Э.	makes full use of available professional support.	i <del>c</del> ve	ιορπ	GIIL	autill	ilios allu
	·	1	2	3	4	N/A
10.	The teacher is enthusiastic about working with				-	
		1	2	3	4	N/A

#### Part C: General Teaching Competencies The teacher has a good classroom presence and personality. 2 3 2. The teacher is patient and enjoys helping students acquire new skills/knowledge. N/A 3. The teacher positions himself/herself well at different stages of the class. The teacher communicates an enthusiasm for the subject. 4. N/A 5. The teacher's style of dressing is an asset in the classroom. N/A 2 6. The teacher establishes a good rapport with students. N/A The teacher has good strategies for dealing with inappropriate behavior. 7. The teacher does not intimidate shy students in the class. 8. 9. The teacher recognizes student achievement and develops students' interest in learning. N/A 10. The teacher attends to the learning needs of the various ability levels in the 11. The teacher gives appropriate feedback to students about their progress. 12. The teacher is able to adapt his/her teaching plan to respond to students' immediate needs and reactions to planned activities. 13. The teacher's lessons have sufficient variety and change of pace to sustain students' interest. 14. The teacher prepares classes adequately and has clear aims and N/A objectives. 3 15. The teacher uses a variety of techniques to ask questions and elicit responses from students. N/A 16. The teacher organizes students well. 2 N/A 17. The teacher makes good use of the whiteboard. 2 3 N/A 18. The teacher makes good use of visuals and other media. 3 N/A 19. The teacher constantly checks to find out if students have understood teaching points or benefited from activities. 1 20. The teacher's lessons have sufficient variety and change of pace to sustain students' interest. 3 N/A

# The Selected Version of Murdoch (2000) Checklist

1.	The teacher presents language points in clear and interesting ways.  1 2 3 4 N/A
2.	The teacher tries to relate language form, function and vocabulary, to context relevant to context relevant to students' interests.
3.	1 2 3 4 N/A The teacher sets up interactive pair/group activities appropriately.
	1 2 3 4 N/A
4.	The teacher uses games and puzzles effectively and appropriately.  1 2 3 4 N/A
5.	The teacher gives students sufficient time to respond questions.  1 2 3 4 N/A
6.	The teacher encourages student to ask questions.  1 2 3 4 N/A
7.	The teacher elicits language and background knowledge from students
	appropriately. 1 2 3 4 N/A
8.	The teacher dose not impede student learning via over-use of the mother
_	tongue. 1 2 3 4 N/A
9.	Teacher talk time is appropriate to for the language level of the class.
40	1 2 3 4 N/A
10.	The teacher uses, and gets student to use, correct classroom language.
11.	1 2 3 4 N/A The teacher deals with errors systematically and effectively.
11.	1 2 3 4 N/A
12.	The teacher makes students aware of the strategies they can use to learn
	English more effectively.  1 2 3 4 N/A
13.	The teacher gives students some say in the selection of the classroom
	activities. 1 2 3 4 N/A
14.	The teacher takes into account students' different style of language
	learning. 1 2 3 4 N/A
15.	The teacher has a good classroom presence and personality.
<b>7</b>	1 2 3 4 N/A
16.	The teacher is patient and enjoys helping students acquire new
<b>.</b> _	skills/knowledge. 1 2 3 4 N/A
17.	The teacher positions himself/herself well at different stages of the class.
40	1 2 3 4 N/A
18.	The teacher communicates an enthusiasm for the subject.
10	1 2 3 4 N/A
19.	The teacher establishes a good rapport with students.  1 2 3 4 N/A
20.	The teacher has good strategies for dealing with inappropriate behavior.
۷٠.	1 2 3 4 N/A
	1 / .) 4 IN/A



2 3 N/A 22. The teacher recognizes student achievement and develops students' interest in learning. 23. The teacher attends to the learning needs of the various ability levels in the 2 24. The teacher prepares classes adequately and has clear aims and objectives. 1 25. The teacher uses a variety of techniques to ask questions and elicit responses from students. N/A 26. The teacher organizes students well (into different groups). N/A 27. The teacher makes good use of the whiteboard. 1 2 3 N/A 28. The teacher makes good use of visuals and other media. N/A 29. The teacher constantly checks to find out if students have understood teaching points or benefited from activities. 30. The teacher's lessons have sufficient variety and change of pace to sustain

# **Transcription of Events in One Sample Class**

'Happy House' level (Oxford University; Young Learners' Class-book)

Teacher Maryam Khazrai: Be quiet everybody

Listen, Erfan listen, Kamyab listen

students' interest.

Open your class book... Ahoora be quiet... (Crowd noise) Look at page 58...ok...look at here...what's the matter here?

Students (all together): Mum...Polly... (Happy House characters)

Teacher Maryam Khazrai: yes, family...

Students (sporadically): khanevadegi, samimi (in Farsi) Rodney...

T: Ok, Mom, Dad, who's this?

Ss (all together): Polly and Otto

T: and, what's the matter here? Ss (all together): Family, water

T: water AND

Students (all together): soap

T: ok, that's right, and... look at here, what's this

Ss (sporadically): Kooh, khorshid (in Farsi) (laughing sound)

Good morning

T: aha, this...morning, repeat...

Morning, morning

(Sound of tapping on a board)

So, I wash my? My? (Pointing at her face)

Ss (all together): face

T: listen... I wash my face with? With?

N/A

Ss (all together): soap

T: I wash my face with...soap and...

Ss (all together): water

(Writing sound)

T: what's this? (She draws something like a faucet that is leaking)

Ss (all together): water

**T:** ok, so, it's morning I wash my face with?

Ss (sporadically): soap and...

**T:** ...everybody?

Ss (all together): soap and water

T: ok, so I wash my face, after my face I wash my?

Ss (all together): hands T: so I wash my hands

I wash my hands... what's this?

Ss (all together): hand

T: hand, ok!

So I wash my hands with?

Ss (all together): soap and water

T: excellent with soap and...
Ss (all together): water.

T: that's right

And (silent time, it seems she is drawing something on the board)... so what's this?

Ss (all together): hand...s

T: ok, it's morning, it's EARLY in the morning, and I wash my face, I wash my hands,

after that I?

Ss (all together): brush
T: I brush my hair, AND I ...

Ss (all together): brush my teeth

**T:** excellent, so I brush my teeth. I brush my?

Ss (all together): teeth

T: what's this?

Ss (all together): teeth

T: ok, listen, I brush my teeth with? soap and water?!

Ss (all together): NO

T: hairbrush?!

Ss (sporadically): toothbrush... no...and water

T: ok, and toothpaste, that's right. Look at here, Dad says I brush my teeth with?

**Ss (all together):** toothbrush **T:** what color is this toothbrush?

Ss (all together): green

T: so Dad says I brush my teeth with my?

Ss (sporadically) and the teacher: green toothbrush

T: it's my?
Ss: toothbrush
T: green toothbrush

Ss (all together): green toothbrush

**T:** green toothbrush

Ss (all together): green toothbrush

S: /rede/ (Farsi intonation)

T: ok, it's red, but look at this magnet, it is green!

**Ss:** (chaos noise) nemigiri (Farsi)

(One student nags about the picture of book in Farsi) 'akhe marde b en gondegi,

navad sale, toothbrushe khersi dare, marde gonde?!'

T: (patiently) no! It's Polly's! Listen...listen... I brush my teeth Ss (all together): I brush my teeth

T: I brush my teeth

Ss (all together): I brush my teeth

T: I brush my teeth, WITH my green toothbrush Ss (all together): with my green toothbrush

T: I brush my teeth

Ss (all together): I brush my teeth

**T:** with my green toothbrush

Ss (all together): with my green toothbrush

T: Ok, listen; I brush my teeth, with my green toothbrush. Ss (all together): I brush my teeth, with my green toothbrush

T: after that, Polly says I... Ss (all together): I brush my hair

T: ok, I brush, I brush?

Ss (sporadically): my... my hair

T: with?

Look at here this is Polly and...

(Students are attracted by the cartoons, they speak about details in Farsi) 'teacher engad mo dare!'

T: ok, OK

Ok, I, I brush my?

Ss (all together): hair

T: ok listen, Polly says I brush my hair with my toothbrush?

Ss (all together): NO! Hairbrush!

T: but what color? Ss (all together): blue

T: I bruSH, shshsh...my hair with my... hairbrush

ok, listen, Kamyab stop it!

Kamyab, Kamyab!

T: blue hairbrush

Ss (all together): blue hairbrush

T: blue hairbrush

Ss (all together): blue hairbrush

T: I brush my hair

Ss (all together): I brush my hair

T: I brush my hair

Ss (all together): I brush my hair

T: with my blue hairbrush

Ss (all together): with my blue hairbrush

**T:** with my blue hairbrush

**Ss (all together):** with my blue hairbrush T: I brush my hair with my blue hairbrush

**Ss (all together):** I brush my hair with my blue hairbrush **T:** excellent, now, Ahoora! look at here, what's this?

Ss (all together): morning

T: repeat, morning

Ss (all together): morning

T: morning

Ss (all together): morning

T: now what's this?

**Ss** (sporadically): time... Time, bath time! **T**: listen, listen, listen six in the morning is very?

Ss (sporadically): out...'chi bod' (in Farsi)... early...early... early

T: excellent

Ss (all together): early

T: early

Ss (all together): early

T: early

Ss (all together): early T: early in the morning

Ss (all together): early in the morning

T: early in the morning

Ss (all together): early in the morning

T: early in the morning

Ss (all together): early in the morning T: I wash my hands (by acting out) Ss (all together): I wash my hands

T: I wash my hands

Ss (all together): I wash my hands

T: I wash my face

Ss (all together): I wash my face

T: I wash my face

**Ss (all together):** I wash my face **T:** I wash my face with soap and water

Ss (all together): I wash my face with soap and water

T: I wash my hands with soap and water

Ss (all together): I wash my hands with soap and water

T: I brush my teeth

Ss (all together): I brush my teeth

T: I brush my teeth

Ss (all together): I brush my teeth

**T:** I brush my teeth with my green toothbrush

**Ss (all together):** I brush my teeth with my green toothbrush

T: excellent, I brush my hair Ss (all together): I brush my hair

T: I brush my hair

Ss (all together): I brush my hair

T: I brush my hair with my blue hairbrush

Ss (all together): I brush my hair with my blue hairbrush T: NOW, listen, look at your book, and then sing the song, ok?

Shshsh... Erfan listen...Ehsan and Hesam...shshsh!

(The teacher makes the naughty boys calm by a kind of threatening words about learning event in Farsi)

T: now listen to the song (she plays cassette player)

"I wash my face with soap and water, soap and water, soap and water, I wash my face with soap and water, early in the morning.

I wash my hands with soap and water, soap and water, soap and water, I wash my face with soap and water, early in the morning.

I brush my teeth with my green toothbrush, my green toothbrush, my green toothbrush; I brush my teeth with my green toothbrush, early in the morning.

I brush my hair with my blue hairbrush, my blue hairbrush, my blue hairbrush; I brush my hair with my blue hairbrush, early in the morning." (It is repeated twice in the cassette)

T: ok now, everybody listen and repeat,

Listen, look at the board and repeat!

(She plays it again, stops it, and wants students to repeat.)

The third time of playing the cassette, she wants them just to listen and look at the board.

Finally she divides students into different groups; they sing enthusiastically and unbelievably correctly, she wants other groups to encourage the group that has already sung by clapping their hands!)

