

The Effect of Task-based Language Teaching in Learning Motivation

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Abstract: This study examines the effects of Task-based Language Teaching (TBLT) in 52 non-native Mandarin learners of Mandarin beginning level learning motivation and the associated factors affecting their learning motivation. Mix method design was applied in the research. Quantitative questionnaire data were analyzed using paired sample t-test to examine the differences between pre-treatment survey and first cycle post-treatment survey, and between first cycle post-treatment survey and second cycle post-treatment survey. Semi-structured interview was conducted to 11 different grade-based learners among the 52 learners in the three stages of surveys to define factors affecting learning motivation. The findings reveal that there was non-statistical decrement in learning motivation between first cycle post-treatment survey and second cycle post-treatment survey (t(51)=1.04, p>0.05), and statistical increment between first cycle post-treatment survey and second cycle post-treatment survey (t(51)=-3.52, p<0.05). The findings of the interview show that learners' learning motivation is affected by the application of TBLT, busy schedule and support from Mandarin native speaker. As conclusion, the study indicates that TBLT can increase learners' learning motivation in long term application. The study also implicates that TBLT can perform well with sufficiency language input task and Mandarin native speakers' support before the output task.

Keywords: Task-based language teaching, Teaching Mandarin as a foreign language, Learning motivation

Introduction

Malaysia is aware of the importance of Mandarin as a global language when the language was firstly implemented in National Higher Action Plan 2007-2010, where tertiary students were required to learn an additional language besides the national language - Bahasa Malaysia, and second language - English. The policy is further enhanced in Malaysia Education Blueprint 2015-2025 (Higher Education) (MEB) and iCGPA Rubric Learning Outcomes Assessment Guide. Language proficiency is stressed as one of the six primary attributes found in MEB. The language proficiency attribute emphasizes on students' proficiency in Bahasa Malaysia and English, yet the policy also emphasizes on the learning of a foreign language. According to the latest curriculum development, the integrated Cumulative Grade Point Average (iCGPA), communication is included as one of the skills students need to master. The communication skills mentioned here include conversing in different contexts by conducting effective communication using Bahasa Malaysia, English and a foreign language.

The teaching of Mandarin as a foreign language syllabus in Malaysian tertiary level is unique compared to that of China. In China, the language teaching is categorized into four language skills, such as speaking, writing, listening, and reading. While, in Malaysia, it is carried out 'regardless of teaching skills' as written by Zhou (2010) to describe the teaching methodology that integrates all language skills without emphasizing on any specific language skills (cited in Hoe & Lim, 2015). Therefore, the teaching of Mandarin in Malaysia focuses more on communication and interaction.

However, throughout the implementation and enhancement of the mentioned foreign language policy, learners have voiced up their fear as they are unable to communicate effectively in the language they learned (Tan, et al, 2016). There are many probable causes, such as the interference of their mother tongue and insufficient learning time (Cheun, 2006, as cited in Tan, et al, 2016), as well as limited opportunities to use the target language on daily basis (Jeon, 2005). These factors have caused them to become less-likely motivated to learn the language. Moreover, from the interview between the learners and the teachers, the researcher found that the learners' motivation tends to drop when they started their Mandarin level 2 course. Therefore, it may be helpful for non-native learners of Mandarin to be provided with authentic pragmatic usage to give them proper exposure towards language use in class.

Regarding the language practice opportunities, Tan, Ooi and Ismail (2012) had suggested that Mandarin teachers should adopt suitable teaching approaches to take full advantage of the learning orientations. This study was supported by Tan, et al (2017) which showed that the target language learning experience that contained of learning pleasure, classroom atmosphere, and teaching approach played an essential role in students' learning achievement. Hence, Task-based Language Teaching (TBLT) seems to offer several advantages to cope with the phenomena in Mandarin practice. This is because, TBLT is an approach that provides students with opportunities to have active engagement in communication in order to achieve a goal or to complete a task. The application of TBLT is more focused on each language skill. There is a lack of research in the teaching of Mandarin as a foreign language in Malaysia context. Hence, this research is to investigate the influence of TBLT on non-native Mandarin learners' learning motivation.

The research objective is mainly to investigate the effect of TBLT in non-native Mandarin learners' learning motivation and to find out the associated factors that influence Mandarin learning motivation during the application of the teaching approach. Thus, two research questions were created based on the research objectives:

- 1. Are there any effects of TBLT in non-native Mandarin learners' learning motivation?
- 2. What are the associated factors influence the learning motivation during application of TBLT?

Literature Review

Task-based Language Teaching (TBLT)

Task-based Language Teaching (TBLT) is an approach applied in the teaching of a second or a foreign language that was firstly implemented by Prabu (1987) in his Bangalore project in India. The teaching approach engages learners to perform a series of tasks in an interactional authentic language environment (Murad, 2009) by using the target language for communication. The activities in the task should relate to daily work or in other words, the task is focused on real-life situation process-oriented teaching approach, where communicative competence is the main objective of the language teaching. However, the communicative competence mentioned is not referred to the ability to use the language correctly and appropriately as a native speaker, but it aligns with Koucka's concept, it is about the communicative language that promotes the ability to communicate competently to accomplish a communication goal (Koucká, 2007). Yet, during the process of learning, TBLT aims not only to enable learners to acquire new linguistic knowledge, but also to enhance their existing knowledge. Hence, from this point, it could be said that TBLT involves both input-providing and output-prompting tasks, where a simple input-based task initially is used to build up target language proficiency. Thus, features of TBLT are emphasized on meaningful learning, involvement on real world process of language use and engagement of cognitive process (Ellis, 2003).

TBLT Learning Motivation

The introduction of TBLT in foreign language context has given a positive impact on learning outcomes (Chua, et al, 2018) as researchers discovered that TBLT could increase learners' learning motivation. This is because TBLT creates a positive learning environment to promote learners' enjoyment (McDonough & Chaikitmongkol, 2007) and decreases learners' learning anxiety by boosting their confidence (Lopez, 2004) (cited in Bao & Du, 2015). Besides that, Motallebzadeh and Defaei (2013) in their research also proved that TBLT listening activities promoted improvement of listening self-efficacy among EFL intermediate learners.

Number of researches had been done in the context of teaching Mandarin as a foreign language have also suggested similar views. For instance, Bao (2012) found that the use of TBLT among lower-secondary learners assisted in increasing their participation and spurred their interests in the learning process. The same condition happened in Chinese characters learning among high-school learners as reported by Kirkebæk (2012). Moreover, Bao and Du (2015) also proved in their study that TBLT contributed learners in term of increasing participation, creating more opportunities for speaking, easing learners' anxiety, and enhancing enjoyment.

The above highlighted the case of teaching Mandarin as a foreign language in countries outside of China towards non-native speakers. For teaching of Mandarin as a second language in China context, Zhang (2016) has done her research on the application of TBLT in one international school in China and the result has shown that the teaching approach could enhance non-native Mandarin students' enthusiasm and interest in learning

Mandarin. However, the researcher points out the problem of TBLT application that although students seemed enthusiastic in completing task, but their Mandarin learning is questionable. Hence, there is a need to find out students' point of view about their learning motivation during the application of TBLT.

Observing the application of TBLT in teaching Mandarin as a foreign language as well as teaching English as second language (TESL) or foreign language teaching in Malaysia context, the application of TBLT is lacking. Only one research has been done by Chua (2019) about comparing the influence of TBLT and audio-lingual teaching approach in teaching Mandarin as a foreign language among non-native Mandarin beginners' learning motivation. The research has shown that TBLT could increase students' learning motivation for a long run by decreasing their learning anxiety, but audio-lingual teaching approach would decline learners' learning motivation over time.

Method

This research adopted a mix-method approach through quantitative and qualitative studies, where time series design was the main core of the research design. As suggested by Fraenkel, Wallen and Hyun (2015), this type of research design includes typical pre- and post-treatment tests, observations or measurements taken before and after treatment. There were 52 learners participated in the quantitative study, while only 11 selected students from the 52 learners were participated in the qualitative study. The research had been carried out for eight weeks. The 11 students were selected based on their Mandarin level 1 grade as shown in Table 1 below.

Tab	le 1. Th	e Demographic	Information	of Interviewees

No.	Students' nicknames	Gender	Race	Mandarin Level 1 Grades
1.	Zuraida	Female	Malay	А
2.	Nurhazirah	Female	Malay	А
3.	Janagi	Female	Indian	A-
4.	Farida	Female	Malay	A-
5.	Masturina	Female	Malay	В
6.	Sharida	Female	Malay	В-
7.	Puteri	Female	Malay	В
8.	Syazwani	Female	Malay	C+
9.	Faizudin	Male	Malay	C+
10.	Ummi	Female	Malay	C+
11.	Badihah	Female	Malay	C-

The subjects of the research consisted of 52 non-native Mandarin learners, who were taking Mandarin level 2 in Universiti Malaysia Kelantan. The duration of the research was almost three months from 20 February 2018 until 26 April 2018. Convenience sampling was applied in the research due to the overlapping timetable between the teacher and researcher. The sample was chosen based on certain criteria, in which students must have taken their Mandarin level 1 and have passed the exam for the course as a prerequisite for Mandarin level 2 course.

The adaptation of Willis' (1996) TBL framework that includes three main phrases: pre-task, during-task and post-task as well as the private and public use in the 'during-task' phase as shown in Figure 1 below was applied in this study. In this study, there were two cycles of task applied, where the first task was about selling goods, while the second task was about face to face appointments and phone call appointments. Both tasks consisted private and public use in the 'during task'. The private use in the 'during task' for the first task cycle involved peer learning between the learners and their partners.

While the public use in the 'during task' involve all learners in the class, where they are divided into groups with all the groups played a different role, where there were two groups of food seller, two groups of fashion seller and two groups of consumers. When they were doing the tasks, the teacher would record their performance that would be played after the task completion for the teacher and the learners to comment. The second task also involved private and public use, where the private use in 'during-task' involved a pair work conversation practice based on a situation that they had chosen. Meanwhile, during the public use of the ''during task'', learners need to present their conversation in front of the class, where their presentation will be commented by their classmates and the teacher.

Pre-task	During task	Post-task		
Setting:				
In the classroom				
Teacher conducts pre-task based on textbook	Private use: Practice between partners	The recorded conversations play and received comments from their teacher and other learners in their class.		
	Public use: Having presentation of their task in front of their class	-		
	(the conversations were recorded) Figure 1. Adaptation of Willis's TBL Fram			

The quantitative study in the research adapted a questionnaire from Brander (2013), in which the first and second part of the questionnaire was taken and adapted. The questionnaire consisted of intrinsic motivation, extrinsic motivation, task value and control of learning belief, while the second part included of ideal L2 self and ought to L2 self. Therefore, the questionnaire was about learners' learning motivation. The questionnaire was delivered to study how learners' perspectives changed due to the application of TBLT. Hence, the questionnaire was firstly delivered to the participants during pre-treatment survey. Next, the same questionnaire was delivered to the participants during first cycle post-treatment survey and second cycle post-treatment survey. The questionnaire used in this research was 5-point Likert scale.

A semi-structured interview was applied in the qualitative study in the research. The semi-structured interview questionnaire adapted from Campbell and Storch (2011) guiding questionnaire, which was mainly about students' perspectives on what associated factors that attribute to their success and not success in Mandarin learning and others factors that happened outside of classroom that affected their learning motivation. The semi-structured interview was firstly carried out during pre-treatment survey to discover the students' learning motivation before the application of TBLT. The second and third semi-structured interview took place during first cycle post-treatment survey as well as second cycle post-treatment survey to discover the associated factors caused in the changes on their learning motivation. The analyses for the quantitative data were conducted using paired sample t-test. On the other hand, semi-structured interviews of 11 selected students were collected and transcribe word by word by a transcriber and translated into English. Transcripts were analyzed individually and collectively, by using a horizontal and vertical content analysis process, to confirm and refute categories and develop themes and patterns. Categories were then confirmed, refuted, or expanded in subsequent discussion between researchers. Validity was attained through triangulation of data.

Results and Discussion

Research Question 1: Are There Any Effects of TBLT in Non-native Mandarin Learners' Learning Motivation?

A paired sample t-test was conducted to compare the result of learning motivation between pre-treatment survey and first cycle post-treatment survey and the results were showed in Table 2 and 3 below. There was no significant difference in the learning motivation between pre-treatment test (M=131.21, SD=17.59) and first cycle post-treatment survey (M=127.92, SD=13.43), t (51) =1.04, p>0.05. Hence, the null hypothesis was accepted.

Table 2. Descriptive Analyses between Pre-treatment Survey and First Cycle Post-treatment Survey
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Group	М	SD
Pre-treatment test	131.21	17.59
First cycle post-treatment test	127.92	13.43

These results suggest that TBLT does not have any effect on learning motivation during first cycle post-treatment survey. The result showed that when TBLT was applied in Mandarin learning, the learning motivation tend to be declined during first cycle post-treatment test.

Table 5. Interential Statistic between Pre-treatment Test and First Cycle Post-treatment Survey								rvey
	Paired Differences					t	df	Sig.
	М	SD	Std. Error	95%	6 CI			(2-tailed)
			Mean	Lower	Upper			
Pre-treatment test and first cycle post-treatment	3.29	22.83	3.17	-3.07	9.65	1.04	51	0.30
test								

Table 3. Inferential Statistic between Pre-treatment Test and First Cycle Po	ost-treatment Survey
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A paired sample t-test was conducted to compare the result of learning motivation between first cycle post-treatment survey and second cycle post-treatment test and the results were showed in Table 4 and 5 below. There was significant difference in the learning motivation between first cycle post-treatment survey (M=127.92, SD=13.43) and second cycle post-treatment survey (M=138.27, SD=14.66), t (51) =-3.52, p<0.05. Hence, the null hypothesis was rejected.

Table 4. Descriptive Analyses between First Cycle Post-treatment Test and Second Cycle Post-treatment Test

Group	Μ	SD
First cycle post-treatment test	127.92	13.43
Second cycle post-treatment test	138.27	14.66

These results suggest that TBLT has an effect in learning motivation for second cycle post-treatment survey. The results showed that when TBLT was applied in Mandarin learning, the learning motivation tend to be inclined during second cycle post-treatment test.

Table 5. Inferential Statistic between First Cycle Post-treatment Test and Second Cycle Post-treatment Test

	Paired Differences				t	df	Sig. (2-	
	М	SD	Std. Error	95% CI		-		tailed)
			Mean	Lower	Upper	-		
First cycle post-treatment test and second cycle post-treatment test		21.17	2.94	-16.24	-4.45	-3.52	51	0.00

The drop in the learners' learning motivation once TBLT was applied in first cycle post-treatment test was not significant, but this condition could be explained by the findings of McDonough and Chaikitmongkol (2007) that learners react negatively towards TBLT during the introduction of the teaching approach because it did not include explicit grammar instruction (cited in Bao & Du, 2015). Once learners adapted to TBLT, their learning motivation results during second cycle post-treatment test had shown significant inclined. Hence, there is a need of time for learners to adjusting their learning to coordinate with TBLT. This result was supported by Chua (2019) in her research that TBLT could increase learners' learning motivation by decreasing their learning anxiety. This is because by performing a task, learners can build up their learning motivation by decreasing their learning anxiety through communication with their peers that helps them to retain the language they learned.

Research Question 2: What are the Associated Factors that Influence the Learning Motivation during Application of TBLT?

Influence of Teaching Approach

According to the interview, TBLT is one of the influences on learning motivation of non-native Mandarin learners. They responded positively toward TBLT. The learners point out that TBLT further emphasized on the process of learning. Hence, they believed that the teaching approach improved their confidence in speaking Mandarin and the communication activities became more realistic. For example:

- The activity that covers the tasks in buying and selling has changed me. It allows me to speak Mandarin confidently. During the general practice, we do not have person to play the role of customer, but during task performing, there are customers, they will ask questions, therefore, we need to prepare ourselves to respond toward the spontaneous questions. (Faizudin) (Interview 2)
- Besides that, learners also see their progression during the application of TBLT. For example, "From the very beginning, I don't know anything about Mandarin, but now there has a bit change in me. This is because I can hardly remember the vocabularies I have learnt in the early semester but after the application TBLT it helps in my Mandarin learning. (Sharida) (Interview 2)

Moreover, after the application on TBLT, non-native Mandarin learners addressed the improvement in their Mandarin learning when teacher applied TBLT. This is because it made them to communicate more. For example, "from the previous course, we seldom have grouping activities as we just do on our own, but from what our teacher do this semester, which was more toward interaction. The TBLT activities were fun because we can move from station to station and from there we learn to communicate" (Masturina) (Interview 2).

In addition, TBLT also encourage competition between peers. For example, "I feel like challenged as my peers, Farida and Sufian could speak fluently but I cannot speak fluently, so it encouraged me to practice Mandarin to be like them" (Putri) (Interview 2). Another example mentioned by Sharida in her second interview, "I saw that my classmates can speak Mandarin fluently in the class, which affected me at that moment" (Farida) (Interview 2).

On the other hand, one student complaint about TBLT application, where the task-based activities cause the class to be messy as every participant start their conversation: "Hence, when there have more than two persons having conversation at the same time, it is noisy, and I hardly could listen to what my peers talking about" (Nurhazirah) (Interview 2). At the same time, she also emphasized that the peers in the class which were less active or lively compared to last semester that caused the task activity to become less lively.

Busy Schedule

TBLT required learners' sufficiency language input so that they could perform well in the interactive tasks. Hence, Mandarin vocabulary learning difficulties required enough time to practice. Therefore, certain students complain about their busy schedule of their major courses that make them hardly have time to revise. For example, "I need to manage my time for studio as we have many studio projects, and we still need to prepare our Mandarin task" (Nurhazirah) (Interview 2). Nurhazirah also gives her point of view on TBLT where the Mandarin level 2 syllabus has too much vocabulary that need to be mastered in order to perform in a task that made her become less motivated. At the same time, the vocabulary has almost the same pronunciation, but different meaning, which confused me.

Due to pack schedule that lead toward time mismanagement that make them hardly prepared themselves language input to be used in the task performance. For example, "I think it is hard for me to focus on Mandarin as I have too many programs, which is very pack, I hardly have time to open Mandarin textbook because of too many programs that I could not. A lot of programs. During mid-semester break, we have program for the whole week without resting. Although time constraint is less compared to last semester as I have plenty of time, but I do not use it wisely" (Masturina) (Interview 2).

Mandarin Native Speakers Support

After the application of TBLT, non-native Mandarin learners give comments on the improvement in their Mandarin learning by getting direct and indirect compliments from person surrounding them that make them believe that they have met their expectation. For example, "I am a bit successful because when I travel on bus, which majority is Chinese students who speak among their friends. I try to listen to their conversation, so I ask them to reconfirm the meaning they are talking about. When I successfully get the meaning they are talking about, I feel satisfied" (Farida) (Interview 3). Besides that, Janagi in her third interview, she found her improvement through her friend praises, "When doing assignment, I approach my friend who know Mandarin, she praises me that I have improved a lot."

Conclusion

As conclusion, the findings of this study show that TBLT can increase non-native Mandarin learners' learning motivation for long term application. However, the learners' learning motivation is decreased at the first place when TBLT is applied in their Mandarin learning. This condition is explained by the findings of McDonough and Chaikitmongkol (2007) that learners react negatively towards TBLT during the introduction of the teaching approach among university students (cited in Bao & Du, 2015). This condition could be explained by Bunmak (2017) that application of TBLT on learners of low Mandarin proficiency level or learners with zero basic target language could made them became lack of confident. This condition will change when learners have adapted to TBLT that cause their learning motivation to be significantly increased during second cycle post-treatment test.

Hence, the result concludes that learners' learning motivation can be influenced by application of TBLT, but this condition is temporary for learners to adapt to the teaching approach, their learning motivation will increase once they have adapted to TBLT. The study also implicates that to enable TBLT to perform well, teacher should provide sufficient language input task for students before the output task so that it can improve learners' learning motivation.

By having students who are proficient in Mandarin, such as Mandarin native speakers as learners' Mandarin learning peers is encouraged to help in boosting their Mandarin learning motivation and that will improve their Mandarin vocabulary input. Besides that, teacher should consider the effect of TBLT in teaching Mandarin although they could not observe improvement in learners' learning motivation once TBLT is applied toward the learners. The effect of TBLT on learners' learning motivation will increase once learners have adapted to TBLT.

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