International Journal for Innovation Education and Research

ONLINE ISSN: 2411-2933 PRINT - ISSN: 2411-3123

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Published Date: 7/31/2018 Page.80-88 Vol 6 No 07 2018

DOI: https://doi.org/10.31686/ijier.Vol6.Iss7.1104

Analysis of Negative Transfer in Junior High Students' English Writing Errors

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It has become a very significant topic that how to help students overcome the Chinese negative transfer in English writing. This research attempts to investigate the main types of errors made by junior middle school students in their English writing, then to explore the causes of the identified errors, in order to avoid these types of errors. The research subjects are 107 students from two classes in grade eight of No.10 Middle School of Nanchong. Questionnaire and composition writing are used as instruments in this research. It hopes that, this paper can help teachers and students to overcome the influence of Chinese negative transfer, improve students' English writing.

Key words: negative transfer; error analysis; junior high students; English writing

1. Introduction

As second language learner, Chinese students are faced with many difficulties and obstacles in the process of learning English as other SLA learners, because English and Chinese belong to two different language families, English belongs to Indo-european family while Chinese belongs to Sino-tibetan family, they have totally different system and distinctive cultural background. So, in the process of SLA, the negative transfer phenomenon of mother language is inevitable.

Many of us have acknowledged that the art of writing is beyond their reach and that writing is their Achilles' heel in their academic or professional career. In the four basic skills of English, writing takes an important part in reflecting one's comprehensive abilities, and it is also the reflection of their integrating skills and it is also the process of rewriting based on gaining English knowledge.

2. Methodology

2.1 Research questions and subjects

The research aims to answer these following questions: 1. How many common types of errors are likely existed in junior middle school students' English compositions? 2. What are the causes of negative transfer in students' English writing?

The subjects in the research are 51 junior students from class 1, and 56 students from class 2, they are

all in grade eight in No.10 Middle School in Nanchong. And, there must be noted that class 1 and 2 all joined in questionnaire stage, but only class 1 took part in composition writing stage because of the limit time of class 2. In order to ensure the data's objectivity and accuracy, the students chosen in the research possess average level of English, and it can set the foundation of validity and reliability of the research.

2.2 Research Procedures

2.2.1 Questionnaires

The 107 students were invited to complete the questionnaire in 3 minutes. However, it should be noted that 2 questionnaires there are invalid because the two students didn't answer all the questions in the list. Therefore, I just analyzed the other 105 questionnaires to conduct the research. There were 10 questions designed in Chinese so as to avoid subjects' misunderstanding. There were 3 questions which focused on negative transfer of mother tongue, another 5 questions centered on students' learning and the rest 2 questions were about teachers' teaching.

2.2.2 Compositions

Writing is an efficient way for researchers to collect the sample and data, meanwhile, in order to ensure the validity and reliability of the research, argumentation was chosen as the composition task which is often seen in our English writing tasks.

3. Results and Discussion

3.1 Result of Questionnaires Analysis

There are 107 questionnaires handed out to the selected students by the author, but 2 questionnaires were not completed, so these two questionnaires would be regarded as invalid data. The data analysis from the questionnaires were as follows:

Table 4.1 The degree of students' understanding on Chinese negative transfer

	Not at all	A little	General	Very much	Total
Number	17	53	28	7	105
Percentage	16.2%	50.4%	26.7%	6.7%	100%

From this data we can see that 53 students had a little understanding of Chinese negative transfer, moreover, there were 17 students almost knew nothing about the mother tongue language transfer, and just 7 students had a better understanding about the Chinese negative transfer. Students who had a better understanding of Chinese negative transfer took a very small proportion. Although most middle school students had a least knowledge on mother tongue negative transfer, they just stop at understanding level, and they did not notice the effect of the Chinese negative transfer.

Use Chinese to Write Recite write first and then compositions in writing Total translate it into English thinking samples **English** mode Number 13 34 105 58 Percentage 55.2% 12.4% 32.4% 100%

Table 4.2 Students' thinking mode of writing

When writing the English compositions, this data presented us that nearly 58 students will first organize the composition in Chinese, and then translate these sentences into English. There were 34 students chose to recite the English compositions. However, There were only 13 students use the English thinking mode to write the compositions. Another reason that the Chinese negative transfer affected students' English writing was that students usually brainstorm in Chinese thinking mode when they are writing. They would write the compositions in Chinese and then translated it into English. From the result, we can know that students are hard to learn how to write an excellent English composition with English thinking model.

Find out the Contrastive Use Master English reasons of analysis of **English** vocabulary and making Total Chinese and to think grammar mistakes and **English** correct it Number 9 16 34 46 105

32.4%

43.9%

100%

15.2%

Table 4.3 Method of overcoming the Chinese negative transfer

We could get the data from the form that almost 46 students realized the mother tongue negative transfer and tried to reduce and overcome it. 34 students planned to reduce the Chinese negative effect through mastering a large number of vocabulary and grammar rules. And 16 students intended to think in English native ways. And 9 students were going to make a comparison between English and Chinese to overcome the Chinese negative transfer. From the later data analysis we could see that there are several ways could reduce the mother tongue negative transfer, such as thinking in English native ways, making a comparison between English and Chinese, realizing the effect of the Chinese negative transfer and trying to reduce it.

3.2 Result of Compositions Analysis

8.6%

Percentage

After analyzing these 105 compositions, errors made by the students from these two classes were classified into different types, and I listed the number of errors in each type. The total number of errors is 14 kinds, they are: Noun; Verb; Article; Preposition; Conjunction; Clause; Misspelling; Punctuation;

Capitalization; Over-generalization; Subject-predicate agreement; Chinglish expression; Run-on sentences; Tense. The specific descriptive analysis, the error classifications and the frequency distribution would be presented in the following table.

Types Specifications		Illustration	Error Analysis	
	of Types			
Morphology Article		They don't want take bus. Lack of artic		
level		Require the government to get a public	Misuse of article "the"	
		transportation.	and "a"	
	Number of	There are few bus.	The noun "bus" should	
	nouns		be changed into plural	
			forms	
		Now our live is good.	Misuse of plural forms	
Lexical level		It will also influent our health.	Misuse of parts of	
	Part of speech		speech, "Influent" and	
			"influence"	
		Because of the develop of technology.	Misuse of parts of	
			speech, verb"Develop"	
			and	
			noun"development"	
		The street is not very widely.	Misuse of parts of	
			speech, adjective	
			"wide" and adverb	
			"widely"	
		They never without thinking about our	Misuse of preposition	
		cities.	"without"	
		The street was very small.		
		The traffic problems become larger and		
		larger.	Misunderstanding of	
		The road is too thin.	the meanings;	
	Meaning	The number of the own cars is increasing.	collocation errors	
		And the bus are very little.		
		The traffic problems are very important.		
		And spend many people's time.	Failure in	
			distinguishing "spend"	
			and "waste"	
		The number of the buses is too small.	Misunderstanding of	
		Traffic problems are more and more hard.	the meanings;	
			collocation errors	

		There are less cars.	Countable nouns
	Collocation	There are less sais.	should be modified by
			"fewer"
		The public bus was less.	"Less" should be
		The public ous was less.	matched with "than"
			generally
		The number of the own cars is increasing.	"Own" should be used
		The number of the own cars is increasing.	together with adjectival
			possessive pronoun
		We can ride bike or on foot.	"Ride" can't be used
		we can ride like of on foot.	
		The tention is being many and many	together with "on foot" "traffic" should be
		The traffic is being more and more	
		crowded.	modified by "busy" or
			"congested"
	D 1' (It think that most important result is that.	Predicate verb should
	Predicate		use the from of third
		1 1 2 2	person singular
		Many reasons make the traffic problems.	Predicate verb should
			use "result in" or "lead
G .		a	to"
Syntax		So traffic jam often happen.	Predicate verb should
		It make traffic jam.	use the from of third
		Everyone have a car.	person singular
		More and more traffic problems in our	Lack of the predicate
		city.	verb
		There is some problems with traffic jam.	"is" should be changed
			into "are"
		Some streets don't wide enough.	Failure in
			distinguishing how to
			use "be verb" and
			"auxiliary verb"
		I think we should by bike to go to school.	"By bike" should be
	Word order		put at the end of the
			sentence
		So cause the traffic problem very serious.	"Serious" should be put
			before the noun as the
			attribute
		We can by bus go everywhere.	"By bus" should be put
			at the end of the

			sentence
		I think we should by bike to go to school.	"By bike" should be
		Tunnik we should by blke to go to senool.	put at the end of the
			sentence
		I want tell you it.	Misuse of the phrase
	Sentence		"Want to do sth"
	pattern	There have more and more own cars.	Mixuse of the sentence
		There have many things.	pattern "There be" and
			"have"
	Tense and	Many cars will made the traffic jam.	"Will" should be
	voice		followed by verb stem
		It can stand two cars going together.	Mixuse of sentence
	Mix	I think courses these problems have a lot	pattern; ambiguity of
5.		of reason.	the meaning
		I think have three reasons.	
		It's crowded with every people.	
Discourse		I think we shouldn't drive cars too much.	Chinese thinking habit;
		We should few to drive.	negative transfer of
		The private car's numbers becoming	mother tongue
	Thinking	more.	
	model	The traffic jam is normal to see now.	

3.3 Discussion of Errors Classification and Negative Transfer Causes

According to the errors made by the students, and borrowing the standard of classification, the errors would be classified into 4 basic levels: morphology level; lexical level; syntax; and discourse level.

3.3.1 Morphology level

At this level, errors lie in article and the number of nouns. For example, "They don't want take bus" should be added the article "the" then changed into "They don't want to take the bus". "There are few bus" should be changed into "There are few buses" by changing the single form of "bus" to the plural form "buses".

3.3.2 Lexical level

At this level, errors exist in part of speech, meaning and collocation these three aspects. In the part of speech level, for example, in the sentence "because of the develop of technology", the student fails to distinguish the verb "develop" with its noun form "development". In the meaning level, "The road is too thin" should be changed into "The road is too narrow", because "thin" is to describe a person not the road; and in the sentence "The traffic problems are very important", the students actually want to express "The

traffic problems are very serious", however, he misunderstood the meaning of "important". In the collocation level, wrong combination exists in the sentence "They can ride bike or on foot", it should be changed into "They can ride bike or walk", because "ride bike" and "walk" are both verbs.

3.3.3 Syntax level

At this level, errors exist in these aspects: predicate verb, word order, sentence pattern, tense and voice. In the predicate verb aspect, errors are common to see, for example, "Everyone have a car", "It make traffic jam", this type of error are often seen in students' writing; and in the sentence "More and more traffic problems in our city", the predicate verb just disappears! Students should know that a big difference between English and Chinese is the importance of predicate verb in a sentence, and it is impossible to make a sentence without the predicate verb in English. In word order aspect, the student who wrote "I think we should by bike to go to school" misuse the order of predicate part and adverbial part. In the sentence pattern part, the students who wrote "I want tell you it" haven't mastered the sentence pattern "sb want to do sth" ("sb"refers to somebody, "sth"refers to something). In the tense and voice aspect, "Many cars will made the traffic jam" should be changed into "Many cars will make the traffic jam".

3.3.4 Discourse level

At this level, mix and negative transfer of mother language like thinking model will lead to errors. Mix of two sentence, for example, "I think have three reasons" is not a right sentence. About the negative transfer of mother language, there are so many funny but frequently happened examples, just like "We should few to drive" and "I think we shouldn't drive cars too much time".

4. Conclusions

By analyzing the questionnaires and writing compositions collected from the research subjects, the errors can be classified into four types: morphology level, lexical level, syntax level and discourse level.

It is obvious from the questionnaires that students' Chinese thinking habit can cause the negative transfer of mother tongue in their English writing compositions, and lacking of English language circumstance makes it very hard for them to get rid of the influence of Chinese thinking habit. Therefore the English teachers should figure out some effective teaching strategies to help the students to overcome the mother tongue negative transfer, and apply these teaching approaches into the daily teaching activities.

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Appendix A

关于初中生英语写作的调查问卷

这是一份关于英语写作学习状况的调查问卷。在此我们需要您的热情帮助真诚的回答。此问卷采取不记名的形式,我们将会对您的答案进行保密。对于您的支持和帮助,在此我表示诚挚的感谢。下面有 10 道选择题,请仔细阅读题目和选项,请根据您的实际情况来作答。

- 1.在英语学习中,您对英语学习中的母语负迁移了解多少?
- A.一点也不了解 B. 一般 C 了解一点 D 非常了解
- 2.在英语学习中,您觉得下面哪个方面受母语负迁移影响最深? (可多选)
- A 词汇 B 词形 C 句法 D 篇章
- 3.您使用的英语词典有? (可多选)
- A 英汉词典 B 英汉双解词典 C 英英词典
- 4.您觉得哪种英语词典对你的英语学习帮助更大?
- A 英汉词典 B 英汉双解词典 C 英英词典
- 5.您写英语作文的一般思路是?
- A 用中文进行思考, 然后再翻译成英文
- B 用英语思维进行写作
- C 背作文范文
- 6.您的英语老师在英语课堂教学中对汉语的使用频率高吗?
- A 非常高 B 比较高 C 比较低

- 7. 您觉得汉语思维习惯影响英语写作深吗?
- A 一点也不影响 B 影响很少 C 一般 D 非常影响
- 8.您的英语老师一般使用什么方法讲授在英语作文中出现的错误?
- A 不讲
- B 指出错误,给出正确答案
- C 在课堂上跟大家一起寻找错误, 然后分析产生错误的原因
- 9.出现过的错误,老师讲解后您还会再出现吗?
- A.经常会 B 偶尔会 C 几乎不会
- 10.您觉得哪种方式能够使母语负迁移现象变得弱化?
- A 英汉对比分析 B 用英语思维思考
- C 掌握英语词汇语法 D 意识到并找出原因加以改正

Appendix B

某英语学习网站开辟了一个让网友针对某个问题发表个人看法的专栏: Have Your Say.本期话题是 Traffic Problems.请你根据下面的要点提示,就此话题写一篇短文发表你自己的看法。

要点提示: 1.简单分析目前城市交通拥堵的主要原因(如私家车增多,公交车少,街道不宽阔等); 2.谈谈自己的建议。

参考词汇:	交通阻塞 traffic jam;
	公共交通运输系统 public transportation
要求: 80-	-100 词

要求: 80—100 词		