

Exploring the Gamification Model of the Inheritance of Young People 's Dialects: Taking Wuyi Dialect of Wu Dialect as An Example

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ABSTRACT

Wuyi dialect has a long history, but with the development of the times, it has gradually declined. Through literature search, questionnaire survey and field research, this paper makes descriptive statistics on the current development status of Wuyi dialect in Wu dialect, and makes a feasibility analysis of the gamification inheritance model, and puts forward specific implementation strategies such as dialect script killing, dialect story meeting, card game and so on. The development of the gamification mode provides new ideas for the inheritance of Wuyi dialect of Wu dialect, injects new vitality, and enhances the sense of identity of Wuyi dialect of Wu dialect, which is very important to protect the diversity and vitality of Chinese traditional culture.

KEYWORDS

Youth; Inheritance; Gamification; Wuyi dialect

1 Introduction

As a living fossil of regional culture, dialect carries the historical memory, folk tradition and thinking mode of a specific region, and is an important part of Chinese cultural diversity. It is not only a branch of the language system, but also the core carrier of the construction of regional cultural identity. However, with the rapid development of the times, the frequency of dialect use among young people has declined greatly in recent years, and dialect inheritance is facing a crisis of inheritance^[1].

Wu dialect is one of the oldest languages in Chinese history, and Wuyi dialect, as a representative dialect of Wu dialect in Jinqiu area, is mainly used in the northern area centered on Hushan Town, Wuyi County^[2], with the commonness of Wu dialect and the regional characteristics of central Zhejiang, is not only an important sample of language research, but also an important expression carrier of 'bullfighting culture' and 'fluorite culture' in Wuyi area. However, the current inheritance of Wuyi dialect faces double dilemmas: on the one hand, the primary and secondary schools in the county are mainly teaching Mandarin, and the dialect lacks formal communication channels; on the other hand, the digital content that teenagers are exposed to is mostly Mandarin or foreign language. Dialects cannot play the role of communication tools, and their practical value is weakened^[3].

In this context, it is of great theoretical and practical significance to explore the dialect inheritance path of gamification mode. From a theoretical perspective, it can enrich the interdisciplinary research perspective of dialect inheritance, combine language acquisition theory with gamification design theory, and provide a new theoretical framework for dialect protection. From a practical point of view, the gamification model can stimulate their initiative to learn the language through interesting interactions^[4], make up for the lack of attractiveness of traditional inheritance methods.

2 Analysis of the development status of Wuyi dialect in Wu dialect

In this survey, 230 questionnaires were distributed and 217 questionnaires were collected, with a recovery rate of 94.35%. There were 174 online questionnaires and 43 offline questionnaires. Based on these 217 questionnaires, EXCEL and IBM SPSS Statistics 27.0 software were used to analyze the data. The results are as follows.

2.1 Descriptive Statistics of Development Status

The distribution of this questionnaire is mainly concentrated in Wuyi area. Among all the respondents, there are 116 males and 101 females, accounting for 53.5% and 46.5% respectively, and the ratio of males to females is about 1:1. There were 181 respondents aged 18 and below, accounting for 83.4%, 28 people aged 18-25, accounting for 12.9%, and 8 people over 25 years old, accounting for 3.7%. 36.9% of the respondents' education level is primary school, 35.9% of the respondents' education level is junior high school, 19.4% of the respondents' education level is high school, and

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the remaining 7.8 % of the respondents ' education level is above high school. From the perspective of the age distribution and education level of the respondents, the sample composition is mainly teenagers, which is well representative.

2.2 Specific Analysis of the Current Development Status

The statistical results in the table show that the use of Wuyi dialect is not optimistic. Only 13.8 % of the respondents can fully understand Wuyi dialect, and 12 % of the respondents can skillfully use Wuyi dialect and talk with people. And 18.4 % of the respondents could not understand Wuyi dialect at all, 26.3 % of the respondents could not speak Wuyi dialect at all. This result shows that the inheritance of Wuyi dialect will face severe challenges.

Although the current situation of Wuyi dialect is not optimistic, the respondents show a more optimistic and positive attitude towards the inheritance intention of Wuyi dialect. The survey results show that respondents have a high consensus on the protection and inheritance of Wuyi dialect, 32.7 % of respondents fully agree with the view that Wuyi dialect needs to be protected and inherited, and 61.8 % of respondents believe that it is necessary to protect and inherit Wuyi dialect. At the same time, up to 81.6 % of respondents expressed their willingness to participate in the activities of Wuyi dialect inheritance. This strong willingness to protect makes us optimistic about the development prospects of Wuyi dialect. In the face of this situation, transforming the will of the masses into actual participation and action is the current research focus.

3 Analysis of the Gamification Mode of Dialect Inheritance

3.1 Feasibility Analysis of Gamification Mode

Table 1

question	option	frequency	
		frequency	rate (%)
Can you talk with people in Wuyi words ?	Skillful conversation	26	12%
	Basically can talk	58	26.7%
	Only speak simple daily language	76	35%
	Not to say at all	57	26.3%
Do you agree with the view that Wuyi dialect needs to be protected and inherited ?	Completely agree	71	32.7%
	It is necessary	134	61.8%
	Not necessary	11	5.1%
	Disagree	1	0.5%
In what way do you want to inherit Wuyi dialect ?	Online classes	100	46.1%
	Offline lectures	91	41.9%
	Play games (dialect script killing 、 dialect story and other games)	164	75.6%
	miscellaneous	75	34.6%
	it makes all the difference	82	37.8%
How much do you think it is of great significance to inherit Wuyi dialect through gamification ?	general	59	27.2%
	off the map	11	5.1%
	ignorance	65	30%
	be willing	177	81.6%
Are you willing to carry out the activities of Wuyi dialect inheritance ?	be indifferent	34	15.7%
	reluctant	6	2.8%

Among the activities related to Wuyi dialect, 28.1 % of the respondents have contacted online or offline curriculum education and other activities, and 18 % of the respondents have contacted variety games, online Lianmai, dialect script killing and other activities. This shows that dialect inheritance is still based on the orthodox education model as the mainstream channel, and innovative forms such as variety games, online Lianmai, dialect script killing have achieved initial results and audiences, which provides a realistic basis for us to carry out gamification research on dialect inheritance. The data in the table show that 70.5 % of the respondents who have been exposed to online or offline curriculum education and other activities think that the activity is interesting, while 79.5 % of the respondents who have been exposed to variety games, online Lianmai, dialect script killing and other activities think that the activity is interesting. It can be seen that variety games, online Lianmai, dialect script killing and other forms have more advantages in attracting public participation by virtue of their interactivity and interest. We should make full use of this feature to enable the inheritance of Wuyi dialect with high-interest activities.

3.2 Strategy Analysis of Gamification Mode Inheritance

The accelerating pace of life and other factors make Wuyi dialect gradually in a declining trend. In order to prevent the loss of cultural treasures, through a series of online and offline game projects, to improve the frequency of young people using Wuyi dialect, so as to inject new vitality into the inheritance of Wuyi dialect.

In order to break through the limitations of the single form of traditional dialect inheritance and the lack of youth participation^[5]. To realize the innovative development of offline dialect inheritance, a scheme with 'language' as the core is proposed. The scheme first carries out systematic design around the card teaching aids, and takes the phonetic notation of the original sentence of Wuyi dialect and the interpretation of standard Mandarin as two core content elements to form a learning carrier with both knowledge and instrumentality. At the level of game interaction, the card game adopts a multi-person collaborative participation mode. One player performs oral interpretation of the card statement according to the pronunciation rules of Wuyi dialect, and the remaining players need to accurately translate the Mandarin meaning of the dialect statement. This design fully conforms to the figurative and interactive cognitive characteristics of the youth group, transforms the abstract dialect language system into an operable and competitive game task, effectively fills the gap of dialect learning in the scene without electronic equipment, and significantly stimulates the internal enthusiasm of active learning while improving the listening and speaking ability of teenagers.

On the basis of the completion of the card game design, the dialect inheritance practice system of 'community-school' linkage is further constructed, and the interactive forms such as dialect storytelling and dialect script killing are integrated, and the knowledge points such as dialect pronunciation skills, historical evolution context and regional cultural connotation are integrated into the immersive experience to achieve the teaching goal of 'teaching through entertainment'. This practice process has dual values: on the one hand, by inviting dialect inheritors to participate in activities, it ensures the accuracy and authority of dialect knowledge transmission and avoids the loss of dialect culture in transmission; on the other hand, the construction of interactive scenes effectively enhances the teenagers' sense of identity and belonging to the local dialect culture, deepens their cognition of the value of dialect culture in active participation, and then improves the efficiency of dialect acquisition, cultivates their sense of mission and responsibility as the inheritors of dialect culture, and lays a solid foundation for the living inheritance of dialect culture.

Online games rely on new media communication channels, and regularly invite dialect inheritors to carry out online live broadcasts. Players can ask questions in real time about pronunciation skills, and live broadcasts are interspersed with small games of 'dialect rush', and points can be exchanged for prizes signed by inheritors. We can also develop some dialect PK WeChat applets. The system has a built-in AI error correction module, which can provide instant feedback for the interpreter's pronunciation deviation.

4 Conclusion

At present, Chinese dialect culture is facing a huge survival crisis, and the protection and inheritance of dialect culture is imminent. The dialect inheritance in the gamification mode plays an important role in stimulating teenagers' interest in dialect inheritance, and the gamification mode is easy to spread and imitate in this global information world, which is very important to maintain the diversity and vitality of culture.

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