A Tentative Application of Teaching English Songs in English Phonetics Course

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Abstract—The present state of English phonetics teaching in China has a lot of problems, although the importance of speech has been more and more widely recognized, however, teachers themselves have their own difficulties, for most of them are not native English speakers, their pronunciations are not so authentic and pure. Therefore, for teachers who engage in English phonetics teaching, it’s an obligation for them to settle an appropriate method and find suitable ways in teaching students’ English phonetics, such as utilizing English songs as a teaching media for students to learn. On review of the current English phonetics teaching and considering the features of English songs, while by discussing on the connections and previous research achievements between English songs and English phonetics teaching, and by presenting an instance analysis in teaching English Pronunciation and Intonation Course for freshmen of English majors, this essay is devoted to make a brief analysis on the application of teaching English phonetics by means of English songs and English phonetics teaching could stimulate students’ interests, make teachers and students get closer, change the status quo of teacher-oriented teaching into students' self-directed learning, and finally, the mission of improving students’ language competences and developing students’ independent learning ability are completed.

Keywords—English Phonetic Teaching; English Songs; Language Competence; Self-directed Learning

I. INTRODUCTION

As a renowned thinker, philosopher and writer, Rousseau believed that language and music come from one source, and he detailed in the article On the Origin of Language [2] and systematically expounds the view that language originated in the ability of singing of human, the interpersonal communication has a natural cadence, and the tone and rhythm that come from people’s excitement, agitation or sadness, is song.

Considering the factors above, the author of this paper combines English songs and phonetics teaching and learning together, hopefully to find an interesting method in English phonetics teaching.

II. LITERATURE REVIEW

In this chapter, a review of phonetics teaching and a brief features of English songs are presented, which will lay a solid theoretical foundation for the following discussion.

A. The Review of Phonetic Teaching

In the Middle Ages: it makes sure that as long as language teaching appears, pronunciation teaching is of course a part of it. However, pronunciation teaching was not an important role in early English teaching. At that time, people usually focused on written forms, and oral practice was not important in their mind.

At the end of 19th century: thanks to the good opportunity that brought by the Reform Movement (famous for the absolute priority of speaking in English teaching), which made people have a new understanding of language—language at first is vocal in social communication [3]. Thus language teaching should not be limited to written forms, but should lay more stress on oral communication.

Before 20th century: own to the inadequate attention on pronunciation, some pronunciation was not standard. English teachers realized that English reform should begin with correct phonetics transcription, and to keep English pronunciation standard, they need good pronunciation training, and at the very time, with the Reform Movement, Henry Sweet, Wilhelm Vietor and Paul Passy established IPA (International Phonetic Association) and defined international phonetic symbols.
Early language teaching mainly depends on teachers’ introduction and students’ imitation. The changing happened at nearly 20th century.

At the beginning of 20th century: in 1987, M. Celce pointed out that “the Direct Method” [4] (instead of stressing on translation, form, grammar and learners’ mother tone, adopting foreign language to teach foreign language) has claimed that pronunciation is very important and presents it via teachers’ modeling. According to phonetic study, language teachers decide which vowels and consonants should be taught first, and what come afterwards. Under the influence of “Direct Method”, intuitive-imitative-repetitive approach appeared.

In 1940s and 1950s, influenced by the emergence of Structural Linguistics (which emphasizes the relations of language with its surrounding and the facts which history, social sciences or cultural science could offer for the understanding of language), Audio-lingual and Oral Approach became popular [5]. Those methods further enhanced the pronunciation teaching. At that time, pronunciation teaching began to use phonetic symbols, and speech organ pictures to conduct more effective pronunciation teaching, which emphasized more on the exercise of sentence structures and the development of learners’ pronunciation habit.

Modern language teaching began important at the end. Apart from the teachers’ modeling, students’ repeat, and teachers often design phonetic comparison drills mode, which has been used for many years and played an important role in the English pronunciation teaching.

From 1970s, Communicative Approach [6] emerged, which claimed the first purpose of pronunciation teaching was not to make learners reach the level of native speakers but to make the communication understood. Under the influence of Communicative Approach, training methods of pronunciation varied. Here are some aspects:

- Listen and imitate;
- Phonetic training;
- Minimal pair drills;
- Visual aids;
- Tongue twisters;
- Reading aloud/recitation;
- Recordings of learners’ production.

B. The Features of English Songs

In the 1950s—Rock and Roll: came out of the chaos all around the world after WWII, and became all the rage in the 1960s. At that time, western world has experienced a big oscillation; the young generation showed unprecedented rebellious spirit and wanted to against the society, against parents and all the traditional things. They were to break all the shackles, all the rules and all existing things.

In the 1970s: own to the Vietnam War, many youth lost their lives for this ridiculous war. People become more confused and opposite to the government, and no longer believe their country could bring them harmony. And that’s why the English songs then paid more attention to social problems, rather than the pure spiritual revolution in 1960s.

In the late 1970s, early 1980s: a time of Heavy Metal. There are various famous band and album in the 1980s, which warmed countless lonely, extreme, angry youth, and gave them new faith and hopes.

After the 1980s: various types of the non-mainstream, such as Electronic Music, which has sent a challenge to the heavy metal, which gradually lost its dominance.

In the 1990s: a leaderless period. Needless to say, there are some high lights, such as Punk, which characterized itself of a self-deprecating mixture of hope and despair, confidence and inferiority that comes out of the death of their hope.

III. THE PREVIOUS RESEARCH ON TEACHING SONGS IN PHONETICS

According to author’s observation and teaching experience, whether learners are interests in English will affect their exams a lot. So this chapter aims to draw learners’ attention through the first research, cultivate their interest via the second research, and deepen their knowledge in songs and phonetics learning through the third research.

A. The Matchless Memory

The famous psychologist and educator George Lozanov started a research on “why some people have extraordinary memory?” in the 1950s. After years of research, he concluded that each of us has a best state for learning, which occurs only when the heartbeat, breathing rate and brain wave come to the synchronization [7].

At this time, the body is relaxed, while mind focuses and ready to receive new information. Furthermore, he put the research into practice and obtained gratifying achievements, especially in foreign languages’ learning. Based on psychology and Medicine, he developed a new learning method—60 pat music per minute method that raised in Baroque period. Tests showed that people’s memory could increase by more than 15% when the slow music is played during their learning. One of his famous experiments is in a class, in which he taught 15 lessons, covers 500 words, the tests after the class and the one three days after turned out to be a success. In the early 60s, the most famous language training school, Berlitz, promised that the students could memorize 200 words in a couple of days (about 30 hours), while Lozanov’s research report indicates that the students in Bulgaria could learn 1200 words a day.

B. Jazz Chants

Jazz Chants started in the 1970s, when the listen and imitate was still in its day. Even today, the Jazz Chants is still can be heard in the ESL (English as a second language) and EFL (English as a foreign language). The founder of Jazz Chants, Carolyn Graham [8], who is an English
professor in New York University, analyzed the features of Jazz Chants as followed:

- **Jazz Chants** characteristics itself with natural rhythm. After years’ observation and practice, she found that American English rhythm and traditional American Jazz rhythm are striking similar. Under this situation, she started her research and practiced it in the University of New York. The results showed a better teaching effect, students’ pronunciation has a great progress, especially in rhythm and language adjustable aspects. It’s obvious that Jazz Chants with the dialogue strong rhythm is greatly promoted the speech and language learning.

- Jazz Chants combines phonetics teaching and meaningful communication activities. Jazz Chants maintains the characteristics of the traditional practice of sentence patterns, such as words and patterns of repetition, etc., and contains meaningful interesting communicative dialogue. The words or sentences in it are real and practical.

- It is interactive. Although this teaching mode contains a large amount of repetition, the situation happens in only two or a few people. Jazz Chants often begins with listening and practicing, and ends up with role play.

- It notices on students’ emotional factors, and can not only reduce the worries and depression on learning a foreign language, stimulate their learning motivation and interest, but also can mobilize those many kinds of senses to learn. Students can read, communicate with each other, recite, sing, beat and do body exercises to the chant. Also, it makes students get excited about learning English. Graham noted, recite dialogue and singing alone is not the purpose of learning, the more important thing is to learn through dialogue and sing to create their own dialogue, short poem, telling a story, create a relaxed and fun learning environment at the same time, so that they will be happy to learn and use English.

**C. Rhythm Explore**

The rhythm of the music refers to the combination of the length of the sound and regular weak relations.

The rhythm of the language means the combination of priorities, high and low change and pause and intermittent of language, which appears alternately.

Different language has different rhythm. The rhythm of English phonetics features and characteristics and the rhythm of music have shocking similarities. A good grasp of the rhythm of the music, will be a significantly help for English speech learning. The commonness is mainly manifested in the following aspects:

- The interval and strong contrast of light and stress. In the music, the length of the same or different sound are organized according to the certain rules; the downbeat and upbeat’s periodically and regularly recurring form the beat. Measure unit is a fixed note, called beat. Such as, a music of 2/4 pat means a quarter note to be one pat, every section contains strong and weak two pats. As for the music melody, stress is the rhythm, which plays a basic role for melody’s vividly playing [9]. English is accent rhythm language (stress-timed language); generally speaking, there is more than one syllable in a word or a sentence. Some syllables need stress, while others don’t. Those stressed and unstressed intervals form beat. English sentences are composed of rhythm groups, which contain stressed syllable and the one or ones that following syllable is the smallest unit of English rhythm. Each group, no matter how many the syllables are in a rhythm, there is only one syllable stress, which plays a central role in terms of English rhythm and this feature, is similar to the rhythm of music.

- The time between the beat is equal. According to the needs of rhythm and melody, there will be a variety of duration of music notes, to record the sound’s length [10]. The most common music notes are whole note, half note, quarter note, quaver, and so on. Generally, a quarter notes to be one pat and the pats for each part are the same. Take 2/4 music as an example, there are two pats for each section; 3/4 music means every section has three pats, etc. Therefore, the more music notes within one section, the less duration time for each. The relationships are: a semibreve is equal to two half notes; a half note equals two quarter notes, and so on. English is an accent meter timing language, measured by the stress and syllable. Always, the core of English sentence is stress, and the branch is light, and their alternately appearing keeps equal time between stresses. In order to obtain the result of this time interval, people take various actions to adjust during their talking and reading. Such as a slow speech when light tone is less, a quick talking when light tone is more. Take Carly Rae Jepsen’s [11] song as an example:

> Hey I just met you / and this is crazy
> 
> [heɪ][ɪət] [dɪˈstɑːt] [mɛt] [juː] / [ænd] [dɪs] [ɪz] [ˈkrez]  

**But here’s my number / So Call Me Maybe**

> [bɔːt] [ˈhæz] [mi] [ˈnʌmbə] / [sou] [kəl] [mi]  

This song is a note of 4/4, even the words aren’t the same number, and the time that each section used is the same.

**IV. THE TEACHING STEPS**

The preceding content gives theoretical concepts. The following chapter will deal with the operating steps, which are connected with the concepts, so that the paper could be a practical assistant in English study. The author has taught English Pronunciation and Intonation Course for freshmen of English majors for many years, the procedure of teaching can be divided as before the class, during the class and after the class, in each section, the teacher would inform students
their task in learning English phonetics by singing English songs.

A. Before the Class
Step 1: Interest inventory

As the author of this paper mentioned at the beginning, interest is a strong motivation on learning, which oils the progress of learning and ease one’s pressure. In order to make students more willing to learn and accept, teachers need to ask their interest on music, for some like rock, while others prefer countryside style.

Step 2: Choosing the songs

There’re many methods when learning one kind of knowledge, summarizing and contrast, for instance. Here, when choosing the song, a key question should be considered: whether the song covers the factors that are talked about here. The answer to it is positive. The songs one chose must have relevance to the knowledge, both the relevance and contrast work [12].

B. During the Class
Step 3: An exciting beginning

At the beginning of the class, many students are not on the earth yet. My suggestion is to play the song first, and draw their attention to the song that teacher is playing. Fluently, lead students to the knowledge that today will be learned.

Step 4: Detail theoretical knowledge

After the attention-drawing, teachers need to strike while the iron is hot, and extend the knowledge in the lyrics to the textbook. To some extent, this step is a reviewing of the Step 3, which creates students a more firmly memorizing.

Step 5: Combining

When the class goes to this step, the instructor only need to click the play key and the class is over. In fact, it means a combination of learning and interests, and that makes one’s learning easier and happier. People always prefer an easier and shorter way; after all, sluggishness is human being.

C. After the Class
Step 6: Reviewing

This step is the easiest part. The only thing that supervisors need to do is to tell them one saying: All work and no play makes Jack a dull boy, vice versa, and the page can be turned.

V. Instance Analysis

In this chapter some instance analyses are listed to show how to apply English songs in teaching students’ English phonetics in vowels, consonants and linking.

A. Vowels

The vowels here are to help the beginners to practice and memorize vowels more efficiently and easily. Vowels are sounds in which there is no obstruction to the flow of air as it passes from the larynx to the lips. There are 20 vowels in English, among which 12 are pure vowels and 8 are diphthongs. Generally, there’re three kinds of classification for pure vowels: according to the height of the raised part of the tongue, the part of the tongue is raised and the position of the lips and the following are the examples of the second classification [13].

1) Front vowels: /i:/ /i/ /e/ /æ/
   Pronunciation skills: the tongue tip is close to the inferior alveolar, the front of the tongue is up to the palate, without contact, and the position of tongue is from high to low(/i:/> /i/> /e/>, /æ/)

Example song:

Example song 1:

Holidays come we’d never never ever be apart.
['nevə][‘eva] [‘spærə]

Example song 2:

Nobody’s Perfect——Miley Cyrus

Nobody’s perfect! I gotta work it.
['pɑːf tɑkt] [wɔ:k]

Nobody’s perfect! You live and learn it!
['pɑːf tɑkt] [lɑn]

3) Back vowels: /u:/ /o:/ /ɔ/ /ʌ/ /ɑ:/
   Pronunciation skills: the back of the tongue is up to the palate without touch, and the height of tongue is like /u:/> /o:/> /ɔ:/> /ʌ:/> /ɑ:/

Example song:

Example song:

Pronunciation skills: the sliding from the first note to the second one.

Example song:

Pretty Boy——M2M

I lie awake at night see things in black and white
[aɪ][aɪ][ə′we ik] [ma i] [wa i]
I’ve only got inside my mind
[av][nau i][in′sa id][ma i][ma nd]
you know you have made me blind
[nau] [me id] [bla nd]
I lie awake and pray that you will look my way
[a i] [la i][ə′we ik] [pra i] [we i]
I have all this longing in my heart
[a i] [ma i]
I knew it right from the start
[a i] [ra i]
Oh my pretty pretty boy I love you
[au] [ma i] [bɔ i][a i]
like I never ever loved no one...
[la i k][a i] [nau]

B. Consonants

Classifications: generally, consonants can be simply divided into two parts: the voiceless (/p/ /t/ /k/ /f/ /θ/ /s/ /z/ /ŋ/ /l/ /w/ /j/) which means a non-vibration on vocal cords, and voiced (/b/ /d/ /ɡ/ /n/ /r/ /m/ /n/ /ŋ/ /l/ /w/ /j/) which means the vibration on vocal cords. Besides, there is a more complicated classification for consonants as follows.

1) The plosive consonants (stops): /p/ /b/ /t/ /d/ /k/ /ɡ/.

Pronunciation skills: they are made by completely stopping the airflow at some point in the mouth and then, for most productions, releasing it into the sound that follows. /p/ and /b/ are formed by the lips, /t/ and /d/ are made on the gun ridge behind the upper teeth, when /k/ and /ɡ/ occur at the back of the mouth where the tongue makes a weal with the soft palate. The plosive consonants sometimes would loss of plosion [14], such as:

- The plosive consonants + the lateral (/l/): it follows the principles above, e.g. good luck.
- The plosive consonants + the nasals (/m/, /n/): the plosive consonants just keep the posture, e.g. a mad man.

Example song:

Need You Now——Lady Antebellum

Picture perfect memories scattered all around the floor. Reaching for the phone cause I can’t fight it anymore. And I wonder if I ever cross your mind. For me it happens all the time.

It’s a quarter after one I’m all alone and I need you now. Said I wouldn’t call but I lost all control and I need you now.

And I don’t know how I can do it without I just need you now.

Except for the loss of plosion, there is an interesting phenomenon for /p/ /t/ /k/ that called the voicing of the voiceless consonants when they followed with /s/:

- /s/+p/→/b/ e.g. sport, speak
- /s/+t/→/d/ e.g. student, sting
- /s/+k/→/ɡ/ e.g. sky, skirt

Example song:

Get the Party Started——Pink

I’m coming up so you better get this party started
I got lots of style check my gold diamond rings
License plate says Stunner Superstar.

2) The fricative consonants: /f/ /v/ /s/ /z/ /ʃ/ /ʒ/ /θ/ /ð/ /ʃɪ/ /ʒɪ/ /r/ /m/ /n/ /ŋ/ /l/ /w/ /j/) which means the vibration on vocal cords.

- The plosive consonants + the fricative consonants: /p+/f/→/f/ e.g. sport
- The plosive consonants + the nasal consonants: /m/+/n/→/ŋ/ e.g. good
- The plosive consonants + the plosive consonants: /p/+/t/→/d/ e.g. st

Example song:

Road Trip——Darin

Baby I got love for you,
[læv][fə] and I appreciate the things you do
[ə′prɛ ʃə][ɹi ʃə][dɑ][o ɹɛ]
But I got no reason to stay,
[ˈrə:ʒən][ste i] cause somehow we don’t seem to work it...
[kəz][sə′mʌnəi][ʃi ɹɛ]

And baby ain’t it what it’s all about,
[ɑ ιk][brek]
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Trying to figure out, where we be ending
[ˈfɪɡə]
I have to follow my intuition make a decision
[ˈhevə]  [ˈfɒləʊ/ˈɪnjʊشن ˈmeɪk ə ˈdɛsɪʒən]
3) The affricative consonants: /tʃ/ /dʒ/
Pronunciation skills: they are produced by blocking off the breath-stream between the tongue and gum ridge, for a stop and a fricative. As for the other four are: /ts/ /dz/ /tr/ /dr/.

Example song:
Can We Dance——The Vamps
I talk a lot of shit when I’m drinking baby
[ˈtɑːk ə lot ə ʃɪt wɪn Iˈm ˈdɹɪŋkɪŋ bɪˈeɪ]
Don’t mind all my friends, I know they’re all crazy
[ˈdɒnts ˈmɪnd ɔl mای ˈfrendz Iˈnəʊ ɪˈzɛ mɪnd ɔl mای ˈfrendz]
That’s all I have to say so baby can we dance
[ðæts ɔl Iˈhæv tu ˈseɪ sə ˈbeɪbi ˈkæn wɛ ˈdɑːns]
Stupid words keep falling from my mouth,
[ˈstʌpid ˈwɜːdz kɪp ˈfɔːlɪŋ frəm mɔʊt]
please say she’ll change.
[plaɪz sɛi ʃeˈl ˈreɪndʒ]
4) The nasal consonants: /m/ /n/ /ŋ/
Pronunciation skills: /m/ occurs at the front of the mouth and is grouped with the labials. /n/: is produced on the upper gum ridge and is alveolar. /ŋ/: made with the back of the tongue touching the soft palate.

Example song:
I Like It Like That——Hot Chelle Rae
Let’s get it on, yeah, you all can come along
[letz ˈɡet ɪ ˈɒn jɛث ʊə ˈɔl ˈkæn ˈkʌm əˈlɒŋ]
Everybody drinks on me, bought out the bar
[ˈɛbəɹbi ˈdrɪŋks ɪ ˈɒm ˈbɔːt ət ˈbɑː]
Just to feel like I’m a star,
[just to ˈfɛl ɪ ˈmæ ə ˈstɑː]
now I’m thanking the academy.
[nau ˈɪm ˈθæŋkɪŋ ði ˈækədi]
Missed my ride home, lost my iPhone
[maɪst ˈmaɪd ˈhɑːm ˈlɔst maɪ ˈaɪˈpɪkn]
5) The lateral consonant: /l/
Pronunciation skills: typical produced with potential air flow around one or both sides of the tongue make it unique among English speech sounds. The key point for /l/ is the “clear-l” (e.g. lamb) and “dark-l” (e.g. turtle). Some of my classmates are still unable to distinguish /n/ and /l/ clearly, and the following may offers them a help on dealing with that.

Example song:
It’s My Life——Bon Jovi
It’s my life and it’s now or never
[ɪtˈz ɪm ˈlaɪ ənd ɪtˈz ˈnəʊ ər ˈnɜːr]
I ain’t gonna live forever.
[I ˈaɪnt ˈgʌnə ˈlɪv ə ˈfʊrɪver]
I just want to live while I’m alive
[I just want ə ˈlaɪv ɪdʒˈwʌnt ə ˈlaɪv]
5) The nasal consonants: /m/ /n/ /ŋ/

C. Linking

When speakers of English are speaking, they arrange words into groups and join together the stressed and unstressed words within the group. They move smoothly from one word to the next without making any sudden stops.

1) To blend or join the final consonant of one word with the initial vowel of the following word, as in “girl__in a big world”.

2) To link the final vowels /ə/ /ə/ to following vowel adding the /ə/ sound, which is called linking -r, as in “major__in”, or intrusive –r as “your__arms”.

3) To make smooth transitions when words are separated by more than two consonants, i.e. treats them as consonant sequences, as in “big__big__girl”.

4) To make smooth transitions when then preceding word ends with a vowel and the following word begins also with a vowel sound by adding a slight /ə/ or /ə/, as in “yellow__and nice”.

5) To change the pronunciation of some final and initial consonants, as in “girl__in__a big world”.

6) To link some of the final consonant to the following same one, as in “leaf__falling”.

Example song:
Big Big World——Emilia
I’m a big __big __girl __in __a big __big world.
"It’s not a big __big __thing if you leave me."
But I do do feel that I too too will miss you much,
miss you much
I can see the first leaf falling,
It’s all yellow and nice
It’s so very cold outside,
like the way I’m feeling inside
I’m a big girl in a big world.
It’s not a big thing if you leave me.
But I do do feel that I’ll too too will miss you much,
miss you much
Outside it’s now raining,
and the tears are falling from my eyes
Why did it have to happen,
why did it all have to end
I’m a big girl in a big big world.
It’s not a big thing if you leave me.
But I do do feel that I too too will miss you much,
miss you much
I have your arms around me oh…like fire.

VI. CONCLUSION

This essay is devoted to a brief study on phonetics teaching and English songs, which aims to improve students’ language learning ability, with the cases study of being alike.

In order to make the importance of phonetics clean and clear, Gimson’s “Nearly 100% Definition” was listed at the beginning. Generally speaking, it’s a scarce shortcut in English learning, which combines the entertainment and studying, which means one can improve his personal knowledge and enjoy the music at the same time [15]. What’s more, the communication in songs makes people get close and more sociable. Considering those, it’s really killed more than two birds with one stone.

Due to limited resources, this essay merely scratches the surface of the phonetics study and English songs learning, leaving the comprehensiveness of this topic compromised. For example, all the vowels and consonants have not been summarized in one song, so learners need to pick each from different songs.

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