EXAMINATION OF STUDIES STRUCTURED WITH PRE-SCHOOL MUSIC TEACHING USING CONTENT ANALYSIS METHOD

Emine Kıvanç Öztuğ¹, Olcan Saldun²

¹ Music Education, Atatürk Education Faculty, Near East University, Nicosia, Turkey 99138, emine.kivancoztug@neu.edu.tr
² Music Education, Atatürk Education Faculty, Near East University, Nicosia, Turkey 99138, olcan_saldun@hotmail.com
Correspondence: emine.kivancoztug@neu.edu.tr ; Tel.: +905338609640, 05338622184

Abstract

In this study, the aim is to analyze the content of the studies in the field of Preschool Music Education. Content analysis method was used together with the source surveying method in the research. The sample of the study consists of 86 articles archived between 1997 and 2017. Detailed investigations were made in the research and the data were grouped. In the surveyed studies, the articles were examined according to their types, database, country where the study was conducted, the date of publication, the number of sources used, the sample and data collection method used, and the results.

Keywords: Preschool, music education, Preschool music education, content analysis.

1. Introduction

1.1. Problem

The relation between human beings and music, which starts to be established indirectly in the prenatal period of the individual, turns into a direct relationship form after birth. This relationship diversifies, becomes richer, stronger, and develops over time, and it continues throughout the person's life (Dagdeviren, 2017). Pre-school education is the education a child receives from birth to primary education, which is accepted as basic education. Musical education received during this period affects the mental development, social and emotional development and motor development of the child. Pre-school music education includes activities such as researching, recognizing and distinguishing surrounding sounds, rhythm studies, singing and listening, creative movement and dance, and musical stories. The preschool period, which is thought to be the basis of music education, constitutes the data source of this study. It is based on the proposition that researches in the preschool field constitute the basis of music education. The question "what are the studies on preschool music education?" constitutes the problem of this research.

1.2. Objective of the Study

The general purpose of this study is to classify the articles and researches published in the field of preschool music education between 1997-2017 according to their purposes and to the
distribution of subjects in order to examine the subject contents and to reach reliable results with the resulting data. In addition, the research is thought to be important in terms of helping to ensure originality in the selection of the subject of the studies that are being or will be conducted in the field of music education in the preschool period. In addition, it is considered to be important in terms of providing time convenience and economy for researchers who will conduct research in this field.

Answers to the following questions were sought to solve the problem within the scope of the research. With regard to the articles written between 1997-2017 in the field of music education,

- What are the titles?
- What are the databases?
- In which country the study was conducted?
- What is the date of publication?
- What is the number of authors?
- What is the number of references used?
- What is the sample used and the data collection method?

2. Method

2.1. Model of the Study

This study was conducted using content analysis, which is a qualitative analysis method. The main purpose in content analysis is to reach the concepts and relationships that can explain the collected data. Compared to descriptive analysis, the data are subjected to a deeper process in content analysis and with a descriptive approach, with which unnoticed concepts and fundamental analysis results can be discovered. For this purpose, the data collected must first be conceptualized, then organized according to these concepts, and the themes explaining the data must be determined based on the foregoing (Yıldırım & Simsek, 2006). This research is a qualitative study conducted with the purpose of determining the subject contents of the researches in the field of Preschool Music Education with the source surveying method.

In addition, the study is limited to articles found by browsing with the keywords "Preschool Music" and "Preschool Music Education" without giving date ranking. In addition, the research was limited to ULAKBİM, Google Scholar, EBSCO, and Web of Science databases.

2.2. Population and Sample

In this study, only Ulakbim, Google Scholar, Ebsco, Web of Science databases were used. A total of 86 articles were reached by searching the keywords "Preschool Music Education" and "Preschool Music Education".

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Table 1. Index Name

| Database       | Population | Sample |
|----------------|------------|--------|
|                | f         | %     | f    | %     |
| Ulakbim        | 28        | 6,35  | 15   | 17,44 |
| EBSCO          | 41        | 9,30  | 13   | 15,12 |
| Web Of Science | 104       | 23,58 | 21   | 24,42 |
| Google Scholar | 268       | 60,77 | 37   | 43,02 |
| Total          | 441       | 100,00| 86   | 100,00|

2.3. Data Collection Tools

Data in the research was created by reviewing 86 articles published in Ulakbim, Google Scholar, Ebsco, and Web of Science databases in the field of Preschool Music Education between 1997-2017. The articles were analyzed according to the titles, database, country where the study was conducted, date of publication, number of sources used, and sampling and data collection method used, and tables were created.

2.4. Analysis of Data

The distribution of articles on Preschool Music Education between 1997-2017 is provided. In the distributions, the subject titles of the study, the database, the country where the study was conducted, the date of publication, the number of authors, the number of references, the sample, and the data collection method were used in all tables created in accordance with the sub-objectives by using content analysis, and integrity was provided by giving in the same order in each sub-dimension.

3. Findings and Interpretation

3.1. Findings

Table 2. Countries where the articles were written

| Country   | f | %   |
|-----------|---|-----|
| Turkey    | 49| 56,98|
| Denmark   | 1 | 1,16|
| USA       | 10| 11,63|
| China     | 7 | 8,14|
| Finland   | 1 | 1,16|
| Sweden    | 4 | 4,65|
| Israel    | 1 | 1,16|
| Australia | 1 | 1,16|
| Spain     | 3 | 3,49|
| Malaysia  | 1 | 1,16|
| Estonia   | 2 | 2,33|
| Greece    | 1 | 1,16|
As can be seen in Table 1, 86 studies were conducted in 18 different countries in total. The highest number of studies were conducted in Turkey with 49 articles, which was followed by 10 studies in the USA, 7 studies in China, 4 studies in Sweden, 3 studies in Spain, 2 studies in Estonia, and 1 study each in Denmark, Finland, Israel, Australia, Malaysia, Estonia, Greece, Russia, Slovenia, Netherlands, Belgrade, and Kenya.

The articles subject to the study were published in 15 different years. The year with the highest number of publications was 2016 with 17 publications, and the years with the least number of publications were 1997 and 2004 with 1 publication.

The distribution of articles according to the number of authors varies from 1 to 5. Table 4 shows the distribution of the articles according to the number of authors.

| Country      | Count |
|--------------|-------|
| Russia       | 1     |
| Slovenia     | 1     |
| Netherlands  | 1     |
| Belgrade     | 1     |
| Kenya        | 1     |
| Total        | 86    |

| Year | Count | %  |
|------|-------|----|
| 1997 | 1     | 1,16 |
| 2002 | 2     | 2,33 |
| 2004 | 1     | 1,16 |
| 2005 | 2     | 2,33 |
| 2006 | 2     | 2,33 |
| 2008 | 6     | 6,98 |
| 2009 | 2     | 2,33 |
| 2010 | 8     | 9,30 |
| 2011 | 5     | 5,81 |
| 2012 | 9     | 10,47 |
| 2013 | 9     | 10,47 |
| 2014 | 7     | 8,14 |
| 2015 | 6     | 6,98 |
| 2013 | 17    | 19,77 |
| 2017 | 9     | 10,47 |
| Total | 86 | 100 |
Table 4. Number of Authors of Articles

| Number of authors | f  | %       |
|-------------------|----|---------|
| 1                 | 47 | 54,65   |
| 2                 | 27 | 31,40   |
| 3                 | 9  | 10,47   |
| 4                 | 2  | 2,33    |
| 5                 | 1  | 1,16    |
| Total             | 86 | 100     |

The distribution of articles according to the number of authors varies from 1 to 5. It was concluded that the number of articles with 1 author was 46, and the number of articles with 5 authors was 1.

Table 5. Number of References for Articles

| Number of references | f | % |
|----------------------|---|---|
| 4                    | 2 | 2,33|
| 6                    | 1 | 1,16|
| 7                    | 4 | 4,65|
| 8                    | 5 | 5,81|
| 9                    | 1 | 1,16|
| 10                   | 3 | 3,49|
| 11                   | 3 | 3,49|
| 12                   | 2 | 2,33|
| 13                   | 2 | 2,33|
| 14                   | 3 | 3,49|
| 15                   | 3 | 3,49|
| 16                   | 6 | 6,98|
| 17                   | 3 | 3,49|
| 18                   | 4 | 4,65|
| 19                   | 1 | 1,16|
| 20                   | 2 | 2,33|
| 21                   | 4 | 4,65|
| 22                   | 2 | 2,33|
| 23                   | 3 | 3,49|
| 24                   | 6 | 6,98|
| 26                   | 2 | 2,33|
| 27                   | 2 | 2,33|
| 28                   | 1 | 1,16|
| 29                   | 1 | 1,16|
| 30                   | 1 | 1,16|
| 31                   | 1 | 1,16|
In Table 4, when looking at the distribution of the articles according to the number of references, it is seen that the highest and lowest number of references used by the researchers was 94 and 4, relatively. In addition, it was concluded that the articles mostly used 24 sources.

The most frequently used data collection tools in selected articles are Literature Review, Pretest-Posttest, Observation, Mixed and Scale, respectively. Table 6 shows the distribution of the articles according to the data collection tools.

| Data collection method                  | f  | %   |
|-----------------------------------------|----|-----|
| Scale (attitude, questionnaire, etc.)   | 16 | 18.60 |
| Pretest-Posttest, Observation           | 18 | 20.93 |
| Literature Review                       | 34 | 39.53 |
| Mixed                                   | 18 | 20.93 |
| Total                                   | 86 | 100.00 |

As seen in Table 5, the most preferred method for collecting data in articles is the Literature surveying method. Literature surveying method is found as 39.53 percent in 34 articles in total. The least preferred data collection method is the scale (attitude, questionnaire, etc.) data collection method, which is used 16 times and has a total share of 18.60 percent.

The number of articles that make up the study sample is 86. Below are the questions used for the analysis of the study and the findings compiled from the Content Analysis Table.

- While creating the Content Analysis Table prepared in the study, 4 databases were used. In this context, it has been concluded that there are 15 studies from ULAKBİM database, 13 studies from EBSCO database, 21 studies from Web of
Science database and 37 studies from Google Academic database directly related to preschool music education. With 37 articles and 43.02 ratio, the most used database is Google Scholar. We have benefited from Web of Science with 21 articles and a rate of 24.42, and ULAKBİM with a rate of 15 articles and 17.44. EBSCO database was the least utilized one with 13 articles and a rate of 15.12.

- Studies were conducted in 18 different countries in total. The highest number of studies were conducted in Turkey with 49 articles, which was followed by 10 studies in USA, 7 studies in China, 4 studies in Sweden, 3 studies in Spain, 2 studies in Estonia, and 1 study each in Denmark, Finland, Israel, Australia, Malaysia, Estonia, Greece, Russia, Slovenia, Netherlands, Belgrade and Kenya.

- The articles within the scope of the study were published in 15 different years. It was concluded that the year with the highest number of publications was 2016 with 17 publications, and the years with the least number of publications were 1997 and 2004 with 1 publication.

- The distribution of articles according to the number of authors varies from 1 to 5. It was concluded that the number of articles with 1 author was 46, and the number of articles with 5 authors was 1.

- Number of references in the articles show variance from minimum 4 references to maximum 94 references.

- The most frequently used data collection tools in the selected articles are literature survey, pretest-posttest, observation, mixed, and scale, respectively.

4. Discussion

- The most frequently used data collection tools in the articles selected within the scope of the study were determined as Literature Review, Pretest-Posttest, Observation, Mixed and Scale, respectively. In the articles included in the study, 34 literature reviews, 18 Pretest-Posttest, Observation, 18 Mixed and 16 Scale data collection methods were found. According to the article "Investigation of Studies on Music Education in Preschool Period" by Researcher Oğuz and Kaya (2017), quantitative research method was used in 15 of the research-based articles, 10 of which were designed in the scanning model and 5 in the experimental model. Among the articles examined, it was observed that the number of articles conducted using qualitative method was 2, and the models of these articles were specified as surveying and document analysis, which is similar to the study conducted.

- All 86 studies obtained within the scope of the research consisted of articles. 83.3% of the data analysis of the research titled "Examination of Post-School Theses in the Field of Preschool Music Education in Syria" by researcher Dağdeviren (2017) consists of master theses. This may indicate that the theses are given importance to the preschool field.

- In the research conducted by Ahi and Kıldan (2013) titled "Examination of Graduate Theses on Preschool Education in Turkey (2002-2011)", it was observed that studies on preschool music education increased in 2006. In the research we conducted on preschool music education, it has been revealed that the articles were widely researched in 2013. From this, we can interpret that the theses are widely conducted about preschool music education, but that they have not been turned into scientific articles.
5. Recommendations

- It is believed that if the studies to be conducted are not limited to only articles, it may be more effective in terms of reaching the entire field and revealing all the studies.
- Conducting content analysis of the keyword used in “preschool music education” with reference to other sub-dimensions may provide more information.
- It is believed that reaching more articles by differentiating and reproducing the databases in which content analysis has been made will increase the validity of the research.
- In the study, it was observed that the number of article authors is generally 1. The higher number of authors in the researched articles may be important in terms of adding different perspectives to the researched subject.
- Since increasing research in the field will provide more resources for people who will conduct research in this field, it is thought that studies should be increased.
- It is believed that using different research methods and data collection tools in this area will improve preschool music education.

References

Jellison, J. A., & Draper, E. A. (2015). Music research in inclusive school settings: 1975 to 2013. *Journal of Research in Music Education, 62*(4), 325-331.

Afacan, Ş., & Şentürk, N. (2016). Okul Öncesi ve Sınıf Eğitimi Anabilim Dallarına Yönelik Müzik Okuryazarlığı Ölçeğinin Geliştirilmesi. *International Journal of Eurasia Social Sciences, 7*(25), 228-247.

Ahi, B., & Kildan, A. O. (2013). Türkiye’de okul öncesi eğitim alanında yapılan lisansüstü tezlerin incelenmesi (2002-2011). *Mehmet Akif Ersoy Üniversitesi Eğitim Fakültesi Dergisi, 13*(27), 27-44.

Akbulut, E. (2013). Eğitim fakültesi okulöncesi anabilim dalı programında yer alan müzik eğitimi dersi hedeflerinin gerçekleştirilmesi. *Pamukkale Üniversitesi Eğitim Fakültesi Dergisi, 33*(33), 1-10.

Barış Akgül, D. (2008). Sosyal beceri gelişiminde çocuk ve müzik. *Milli Eğitim Dergisi, 177*, 28-35.

Bulut, D., & Aktaş, A. (2014). Implementation status of musical activities in education program by preschool teachers (sample of Niğde province). *Journal of Academic Social Science Studies, 25*, 21-34.

Algan, G., Özkut, B., & Kaya, S. Ö. (2012). Okul öncesi eğitim kurumlarındaki çocukların annelerinin müzik eğitimine bakış açısı. *Selçuk Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, 27*, 21-31.

Augustine, C., & Wong, C. (2016). Music Teaching Readiness among Non-Specialised Music Teachers in Government Preschools. *Malaysian Journal of Music, 5*(2), 54-69.

Avşalak, K. (2008). Okul öncesi dönem 60-72 aylık çocuklara uygulanan müzik eğitiminin kavram gelişimi üzerindeki etkisinin incelenmesi. *Yüksek Lisans Tezi*. İstanbul: Marmara Üniversitesi Eğitim Bilimleri Enstitüsü.
Kaya, S., & Ayan, B. E. (2016). Okul öncesinde müzik ve hareketin öğrenme üzerindeki etkisi. Erzincan Üniversitesi Eğitim Fakültesi Dergisi, 18(1), 463-480.

Baklanova, T. I., & Novikova, G. P. (2016). Integration of main directions of development of preschool children in innovative successive educational system “World of Music”. In SHS Web of Conferences, EDP Sciences.

Barry, N. H., & Durham, S. (2017). Music in the early childhood curriculum: Qualitative analysis of pre-service teachers’ reflective writing. International Journal of Education & the Arts, 18(16), 01-22.

Başer, F. (2014). Müziğin okul öncesi dönemde çocuk gelişimine katkısı. Sakarya Üniversitesi Eğitim Fakültesi Dergisi, (8), 11-27.

Baydar, I. Y. (2013). Analyzing the effects of preschool musical education on reading skills of children. International Association of Social Science Research.

Fox, D., & Liu, L. (2012). Building musical bridges: Early childhood learning and musical play. Min-Ad: Israel Studies In Musicology Online, 1057, 67-78.

Brody, Z. S. (2016). "Suzuki yetenek eğitimi" felsefesine kısa bir bakış. Anadolu Üniversitesi Sanat ve Tasarım Dergisi, 6(1), 79-88.

Castanon-Rodriguez, M. R., & Vivaracho-Pascual, C. (2011). READMUSIC: A new methodology to introduce musical language in preschool education. Procedia-Social and Behavioral Sciences, 15, 3506-3510.

Capistrán, R. W. (2016). Preschool Music Education: The Case of the Aguascalientes Institute of Education, Mexico. Revista Internacional de Educación Musical, 4(1), 3-12.

Dağdeviren, M. (2017). Türkiye’de Okul Öncesi Müzik Eğitimi Alanında Yapılan Lisansüstü Tezlerin İncelenmesi (1993/2016). Cumhuriyet Üniversitesi Eğitim Bilimleri Enstitüsü.

Dai, C. Y. (2016). The overview of excellence Chinese preschool music education. 3rd International Conference on Advanced Education and Management.

Demirci, F. G., & Mertoğlu, E. (2017). Okul öncesi dönem çocuklara uygulanan ses farkındalık müzik programının okuma yazmaya hazırlıkta çocukların sesleri tanima becerilerine etkisi. Journal of International Social Research, 10(51), 665-675.

Denac, O. (2009). Place and role of music education in the planned Curriculum for Kindergartens. International Journal of Music Education, 27(1), 69-81.

Ehrlin, A., & Gustavsson, H. O. (2015). The Importance of Music in Preschool Education. Australian Journal of Teacher Education, 40(7), 7-18.

Ehrlin, A., & Wallerstedt, C. (2014). Preschool teachers' skills in teaching music: two steps forward one step back. Early Child Development and Care, 184(12), 1800-1811.

Ekici, T. (2010). Okulöncesi ve ilköğretim döneminde çocuklara yönelik ses eğitim. Çankırı Karatekin Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, 1(1), 159-182.

Erden, E., Şeker, S., & Topoğlu, O.(2012). Music education in preschool period. International Journal of Early Childhood Education Research, 1(2), 1-12.
Ersoy, K. S. G. (2010). *Altı yaş çocukların piyano eğitimine hazırlanmalarda kullanılan yöntemlerin incelenmesi*. Yüksek Lisans Tezi. Ankara: Ankara Üniversitesi Eğitim Bilimleri Enstitüsü

Gencel, A. (2008). Okul öncesi eğitimde ve ilköğretimde genel müzik eğitimi. *Milli Eğitim*, 37(180), 216-226.

Gökmen, İ. (2016). Okul öncesi müzik eğitiminde şarkıların oyunlu-oyunusuz olarak öğretiminin karşılaştırılması. Yüksek Lisans Tezi. Konya: Necmettin Erbakan Üniversitesi Eğitim Bilimleri Enstitüsü.

Gülnihal, G. Ü. L., & BOZKAYA, İ. (2014). Okul öncesi öğretmenliği lisans programının müzik eğitimi açısından değerlendirilmesi: Uludağ Üniversitesi örneği. *Kastamonu Eğitim Dergisi*, 22(3), 995-1008.

Gül, G., & Bozkaya, İ. (2015). The efficiency of the song repertoire on the musical development level of pre-school children aged six years old. 7th World Conference on Educational Sciences, (WCES-2015).

Gül, G. (2012). Okul öncesi 6 yaş çocukları için oluşturulan şarkı dağarcığının müziksel gelişim düzeylerine etkisi. Doktora Tezi. Bursa: Uludağ Üniversitesi Eğitim Bilimleri Enstitüsü

Otacoglu, S. G. (2008). Okul öncesi çocuk merkezli öğrenme ve müzik stratejileri. *Elektronik Sosyal Bilimler Dergisi*, 7(23), 157-171.

Holgersen, S. E. (1997). Aims and methods in Danish preschool music education. *Arts Education Policy Review*, 99(1), 25-31.

Holmberg, K., & Zimmerman Nilsson, M. H. (2017). Perversity of enjoyment? Preschool music activities go neoliberal. *Teachers and Teaching*, 23(5), 583-595.

Ko, C. H., & Chou, M. J. (2014). Aesthetics in early childhood education: The combination of technology instruments in children’s music, visual arts and pretend play. *Journal of Social Sciences*, 10(1), 39-47.

Ko, C. H. (2013). Comparative research on preschool teachers’ music cognition and practice in aesthetic area in Kaohsiung city. *Pakistan Journal of Statistics*, 29(5), 77-86.

Ilari, B. (2016). Music in the early years: Pathways into the social world. Research Studies in *Music Education*, 38(1), 23-39.

Jansen, L., van Dijk, B., & Retra, J. (2008, October). A music educational entertainment environment for preschoolers. In *International Conference on Fun and Games* (pp. 194-202). Springer, Berlin, Heidelberg.

Kabataş, M. (2017). Çocuk gelişimi açısından müzik eğitiminin çocuğa kazanımları. *Trakya University Journal of Social Science*, 19(2), 153-164.

Kiilu, K. (2011). The concept of preschool music education in Estonian education system. *Procedia-Social and Behavioral Sciences*, 29, 1257-1266.

Kılıç, İ. (2012). Okul öncesinde müzik eğitimi: Etkinliklerle uygulama örnekleri. Ankara: Pegem Akademi.

Kılıç, İ., & Topalak, Ş. İ. (2017). A study of the difficulties that preschool teachers’ experience in performance of musical activities in terms of various variables. *Journal of Human Sciences*, 14(1), 441-456.
Koca, E. (2010). 6 yaş grubunda geri planda dinletilen müziğin çoklu zeka alanlarına etkisi. Yüksek Lisans Tezi. İstanbul: Marmara Üniversitesi Eğitim Bilimleri Enstitüsü.

Koops, L. H. (2011). Perceptions of current and desired involvement in early childhood music instruction. Visions of Research in Music Education, 17(1), 1-22.

Kurtaslan, H. (2013). Okul öncesi müzik eğitiminde genel yaklaşımlar dersine yönelik öğrencici görüşleri. Fine Arts, 8(1), 73-81.

Kuşçu, Ö., Kayılı, G., & Barışeri, N. (2013). Okul öncesi öğretmen adaylarının müzik eğitimine ilişkin tutumlarına orff schulwerk pedagojisinin etkisi. Eğitim ve Öğretim Araştırmaları Dergisi, 2(1), 372-380.

Lee Nardo, R., Custodero, L. A., Persellin, D. C., & Fox, D. B. (2006). Looking back, looking forward: A report on early childhood music education in accredited American preschools. Journal of Research in Music Education, 54(4), 278-292.

Lee, A., & Jen, Y. H. (2015). Interactive whiteboard integration into music teaching and learning: Preschool children as a case study. Procedia-Social and Behavioral Sciences, 177, 449-458.

Lee, S. (2012). Tracing the transformation of early childhood music education in young children from 1985 to 2010. Visions of Research in Music Education, 22, 20-33.

Li, N. (2017). Study on the interaction between music and games in preschool music education. 2nd International Conference on Education, E-learning and Management Technology.

McDonel, J. S. (2014). Early childhood music-mathematics connections: exploring similar developmental progressions. Perspectives: Journal of the Early Childhood Music & Movement Association, 9(1), 5-9.

Mentiş, A. K., & Mentiş, A. T. (2005). Okul öncesi eğitim kurumlarında görev yapan anaokul öğretmenlerinin okulöncesi dönemde müzik eğitimine ilişkin görüşlerinin belirlenmesi (Niğde İli Örneği). Gazi Üniversitesi Kırşehir Eğitim Fakültesi, 6(1), 31-40.

Mertoğlu, E., NurTuğluk, M., & Koçyiğit, S. (2009). A study on 6-year-old preschoolers’ musical skills and their parents’ rhythmic skills. Procedia-Social and Behavioral Sciences, 1(1), 2847-2854.

Modiri, I. (2010). Okul öncesinde müzik aracılığı ile yabancı dil öğrenme. Uludağ Üniversitesi Eğitim Fakültesi Dergisi, 505-516.

Muldma, M., & Kiilu, K. (2012). Teacher's view on the development of values in music education in estonia. Procedia-Social and Behavioral Sciences, 45, 342-350.

Oğuz, T., & Kaya, Ö. M. E (2017). Okulöncesi dönemde müzik eğitimine ilişkin araştırmaların incelenmesi. Anadolu Üniversitesi Eğitim Fakültesi Dergisi. 1(1), 1-13.

Overland, C., & Reynolds, A. (2010). The role of MENC: The national association for music education in early childhood music education 1980–2007. Journal of Historical Research in Music Education, 31(2), 99-117.

Göncü, İ. Ö. (2017). 4-6 yaş anaokulu çocuklarına uygulanan müzik eğitimine müziksel ses ve işitsel algı gelişimlerine etkileri. Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, 16, 18-27.
Özal Öncü, İ. (2009). Okul öncesi eğitim kurumlarında çalışan anasınıftı öğretmenleriyile müzik öğretmenlerinin müzik çalışmaları ile ilişkin tutum ve yeteneklerinin karşılaştırılması. 8. Ulusal Müzik Eğitimi Sempozyumu.

Göncü, İ. Ö. (2010). Okul öncesi eğitimde müzik eğitiminin temel sorunları. Kastamonu Eğitim Dergisi, 18(2), 355-362.

Özdemir, G., & Yıldız, G. (2010). Genel gelişim süreçinde müziksel gelişim. Mehmet Akif Ersoy Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, (2), 77-90.

Özgül, İ. (2017). Temel eğitim bölümü okul öncesi eğitmenliği lisans programına ilişkin müzik derslerinin çözümlenmesi. Electronic Journal of Social Sciences, 16(64), 1496-1509.

Öziskender, G., & Güdek, B. (2013). Orff yaklaşımlı ile yapılan okul öncesi müzik eğitiminin öğrencilerin sosyal becerilerinin gelişimine etkileri. Electronic Turkish Studies, 8(3), 12-27.

Özkale, B. (2010). Ritim çalışmaları altı yaş çocukların bilişsel becerilerine etkisi. Yüksek Lisans Tezi. İstanbul: Marmara Üniversitesi Eğitim Bilimleri Enstitüsü.

Özkut, B., & Kaya, S. Ö. (2012). İlköğretim okullarında görev yapan okulöncesi öğretmenlerinin lisans döneminde aldıkları müzik eğitiminin mesleki yaşamlarına olan etkilerinin incelenmesi. International Journal of New Trends in Arts, Sports & Science Education (IJTASE), 1(1), 167-179.

Özmenteş, S. (2010). Pre-school teachers’ implications about the rhythm applications in music lessons. Procedia-Social and Behavioral Sciences, 9, 255-259.

Öztürk, A. (2010). Evaluation of the teachers’ views on the rhythm practices in musical activities in preschool institutions. Procedia-Social and Behavioral Sciences, 2(2), 3638-3645.

Paule-Ruiz, M., Álvarez-García, V., Pérez-Pérez, J. R., Álvarez-Sierra, M., & Trespalacios-Menéndez, F. (2017). Music learning in preschool with mobile devices. Behaviour & Information Technology, 36(1), 95-111.

Ruokonen, I., Kattainen, A., & Ruismäki, H. (2012). Preschool children and the 5-string kantele: An exercise in composition. Procedia-Social and Behavioral Sciences, 45, 391-400.

Şen, Ü. S. (2016). Okul öncesi müzik eğitiminde öğretmenin rolü. İnönü Üniversitesi Sanat ve Tasarım Dergisi, 3(1), 27-35.

Suğurtaç, A. (2002). Müzik eğitiminin okul öncesi dönem çocukların gelişim alanlarına etkileri. Çukurova Üniversitesi Eğitim Fakültesi Dergisi, 27(3), 36-45.

Grujic, G. (2016). Comparative analysis of music education syllabi within preschool teacher training programs in Serbia. Educația Plus, 16(2), 130-147.

Sönmezöz, F., & Hakyol, F. L. H. (2016). An evaluation of music educational materials for music education in pre-school institutions based on pre-school teachers’ views. Eğitimde Kurum ve Uygulama, 12(3), 726-740.

Sosyal, F. (2012). Erken çocukluk dönemi müzik eğitimi. International Journal of Social Science, 5(3), 205-221.
Sözbir, A., & Çakmak, Ç. (2016). Okul öncesi öğretmenlerinin müzik etkinlikleri hakkındaki görüşleri. *Sosyal Bilimler Dergisi / The Journal of Social Science*, 3(6), 17-28.

Tao, L. (2017). Optimal design of preschool children’s music classroom teaching system based on music melody retrieval system. *Revista de la Facultad de Ingeniería U.C.V.*, 32, 33-39.

Tsapakidou, A., Zachopoulou, E., & Zographou, M. (2001). Early young children’s behavior during music and movement program. *Journal of Movement Studies*, 41, 55-65.

Uçal, E. (2003). *Okul öncesi müzik eğitiminde orff öğretisinin müziyel beceriler üzerindeki etkileri*. Yüksek Lisans Tezi. İzmir: Dokuz Eylül Üniversitesi Eğitim Bilimleri Enstitüsü.

Uluğbay, S. (2013). Müzik eğitiminin çocuk zekâsına olan etkileri. *Kastamonu Eğitim Dergisi*, 21(3), 1025-1034.

Vries, P. (2013). The use of technology to facilitate music learning experiences in preschools. *Australasian Journal of Early Childhood*, 38(4), 5-12.

Wong, M. W. Y., & Chik, M. P. Y. (2016). Inclusive education policy in the Hong Kong primary music classroom. *Arts Education Policy Review*, 117(2), 130-140.

Yazıcı, T. (2015). Okul öncesi öğretmen adaylarının müzik öğretimine ilişkin tutumları. *International Journal of Social Science*, 37, 433-445.

Yıldız, G. (2017). Okul öncesi öğretmen adaylarına yönelik müzik eğitimi öz-yeterlik ölçeğinin geliştirilmesi. *Mehmet Akif Ersoy Üniversitesi Sosyal Bilimler Enstitüsü Dergisi*, 9(19), 396-407.

Zebat, R., Mertoğlu, E., & Jeongsuk, C. H. O. İ. (2018). 5-6 yaş çocuklarına yönelik hazırlanan ritm eğitimi programının çocuğa ritm duyununun gelişimine etkisinin incelenmesi. *Kastamonu Eğitim Dergisi*, 18(1), 47-60.

Zimmerman Nilsson, M. H., & Holmberg, K. (2017). Quality and knowledge content in music activities in preschool: The impact of human materiality combinations. *Journal of Research in Childhood Education*, 31(1), 103-112.