

TUNGALMUS: MEDIA FOR STRENGTHENING LEARNING INTEREST OF INDONESIAN IMMIGRANTS CHILDREN IN MALAYSIA

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Abstract: *This research aims to raise the interest of learning mathematics for students at Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya. The learning medium used in this research is Traditional Music Tools Calculation (TUNGALMUS). The method of implementation in this research uses the method of direct field observation, interviews and documentation of activities. TUNGALMUS is designed to address the problems faced by children of Indonesian immigrants in Malaysia who have difficulty understanding one of the materials and also increase their interest in learning. In addition, the implementation of TUNGALMUS also contributes to the introduction of Indonesian culture, the traditional musical instrument of Indonesia.*

Keywords: *Education, Mathematics, Learning Interest, Creative Media*

Abstrak: Penelitian ini bertujuan untuk meningkatkan minat belajar matematika siswa di Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya. Media pembelajaran yang digunakan dalam penelitian ini adalah *Traditional Music Tools Calculation* (TUNGALMUS). Metode pelaksanaan penelitian ini meliputi observasi lapangan secara langsung, wawancara, dan dokumentasi kegiatan. TUNGALMUS dirancang untuk mengatasi permasalahan yang dihadapi anak-anak imigran Indonesia di Malaysia—khususnya kesulitan dalam memahami materi pelajaran tertentu—sekaligus meningkatkan minat belajar mereka. Selain itu, penerapan TUNGALMUS juga berkontribusi pada pengenalan budaya Indonesia, khususnya alat musik tradisional Indonesia..

Keywords: Pendidikan, Matematika, Minat Belajar, Media Kreatif

Introduction

Education is the primary and most important and fundamental influence in producing a qualified nation's children. Education is a conscious effort to positive human resource potential by providing incentives and facilities for teaching and learning activities.² Education is divided into two factors, internal and external. Internal factors are those that exist within the student, such as learning interests, learning motivations, talents, and perceptions, while external factors cover the emerging parts of the student from outside such as environmental conditions, learning environment, family environment, learning facilities & facilities, family socioeconomic background, attention of parents who play a role in providing solutions to learning difficulties experienced by the student.³

Teaching and learning activities are the main and most basic activities of the educational institutions. In other words, whether or not the learning objectives are achieved depends on how the learning process of teaching is experienced by the student.⁴ However, in any implementation of learning activities not always go well, there will be difficulties that emerge as a learning obstacle.⁵

An immigrant is a citizen who moves from one country to another with the aim of permanently settling in a new country, a process known as migration. There are a variety of reasons for migration, such as the search for better economic opportunities, security, protection from conflict or war, family reunification, and many other reasons.⁶ Migration alone can be done, brothers and sisters even family. Children who move their parents to a new country get a variety of problems, such as lack of residence permits and birth certificates, resulting in restricted access to educational services for these children, migration affecting the educational development of children who are left behind or who are taken away.⁷

² Tina Shinta Parulian Siahaan, Febri Christian Trisna Putra, and Susanti Niman, "Relationship of Verbal Violent Behavior with Student Learning Achievement," *Bulletin of Counseling and Psychotherapy* 4, no. 3 (November 1, 2022): 452–59, <https://doi.org/10.51214/bocp.v4i3.202>.

³ N. K. Pratiwi, "MINAT BELAJAR SISWA TERHADAP PRESTASI BELAJAR BAHASA INDONESIA SISWA SMK KESEHATAN DI KOTA TANGERANG.," *Jurnal Pujangga* 1, no. 2 (2015).

⁴ Sinta Kartika, Husni Husni, and Saepul Millah, "Pengaruh Kualitas Sarana Dan Prasarana Terhadap Minat Belajar Siswa Dalam Pembelajaran Pendidikan Agama Islam," *Jurnal Penelitian Pendidikan Islam* 7, no. 1 (June 11, 2019): 113, <https://doi.org/10.36667/jppi.v7i1.360>.

⁵ P. S. Fatimah, C., Wirnawa, K., & Dewi, "ANALISIS KESULITAN BELAJAR OPERASI PERKALIAN PADA SISWA SEKOLAH MENENGAH PERTAMA (SMP).," *Jurnal Ilmiah Matematika Realistik (JI-MR)* 1, no. 1 (2020).

⁶ H. Saputri, P. Y., Prayitno, H. J., Kusumaningtyas, D. A., & Syaadah, "Menumbuhkembangkan Karakter Cinta Tanah Air Melalui Lomba Kemerdekaan Pada Siswa Sanggar Bimbingan IKABA IMABA, Malaysia.," *Buletin KKN Pendidikan* 5, no. 1 (2023): 46–55.

⁷ A. Muhtarom, H., & Andi, "Edukasi Nilai-Nilai Karakter Pelajar Pancasila Terhadap Anak Imigran Indonesia Di Wilayah Gombak, Malaysia," *Buletin KKN Pendidikan*, 4, no. 2 (2022): 167–74.

Immigrant children often face obstacles in understanding and practicing learning, especially in the field of mathematics. Mathematics can be an obstacle to learning because of a number of factors, such as curriculum changes, frequent change of teachers, which results in the submitted material is not maximum resulting in the child's lack of ability to understand the material.⁸ Their degree of integration into the educational environment often faces unique challenges.⁹ Recognizing the importance of providing equal opportunities for immigrant children in the learning process, KKN-KI students at Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya introduced a unique and exciting learning media innovation, namely Learning Media Calculating Traditional Music Tools (TUNGALMUS).

TUNGALMUS is a computerized learning medium that has been designed and combined with some traditional Indonesian musical instruments. Tungalmos itself is made of recycled cardboard used items and traditional music instruments drawings, then in a special design became a creative computerised learning medium aimed at increasing the interest of children in computer learning as well as introducing traditional Indonesia musical instrument.

Education is the primary foundation in the formation of children's character and potential, especially for those who have been relocated or children of immigrants¹⁰. Their degree of integration into the educational environment often faces unique challenges. Recognizing the importance of providing equal opportunities for immigrant children in the learning process, KKN-KI students at Sanggar Study Guidance At-Tanzil Pandan Jaya introduced a unique and exciting learning media innovation, namely Traditional Music Tools Calculation. (TUNGALMUS).

Traditional musical instruments as part of the Indonesian cultural heritage became an inspiration in designing this learning medium. Tungalmus not only aims to improve the counting skills of immigrant children, but also to introduce and strengthen local cultural values through a fun and interactive approach. Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya has the belief that through the implementation of TUNGALMUS, immigrant children can develop a more positive interest in learning counting. By aligning mathematics learning with local wisdom, they are expected to feel a deeper involvement in the learning process, increase motivation, and better academic achievement..

⁸ S. Ayu, S., Ardianti, S. D., & Wanabuliandari, "Analisis Faktor Penyebab Kesulitan Belajar Matematika," *AKSIOMA: Jurnal Program Studi Pendidikan Matematika* 10, no. 3 (2021): 1611–22.

⁹ A. Anggraeni, S. T., Muryaningsih, S., & Ernawati, "Analisis Faktor Penyebab Kesulitan Belajar Matematika Di Sekolah Dasar," *Jurnal Riset Pendidikan Dasar (JRPD)* 1, no. 1 (2020): 25–37.

¹⁰ A. B. Rochmawati, N. I., & Susilo, "PENDIDIKAN BAGI ANAK USIA DINI ANAK IMIGRAN KORBAN PERANG DALAM MASA NEW NORMAL," *Media Informasi Penelitian Kabupaten Semarang* 2, no. 2 (2020): 191–201.

Method

As for the method for this research used by collecting data about the potential and problems that exist in the Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya. Data is collected in several ways, among them: observation directly in the field, through interviews with Sanggar learning guides such as teachers and managers, and also through the documentation of activities. Once the data has been collected successfully, it is processed using analytical methods as needed.

The method in the implementation of student devotion of KKN KI which is applied is education or education in the children who are in Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya using learning media Change Traditional Music Tools TUNGALMUS.

Discussion

a. Research Subject

The KKN-KI dedication program is being carried out for 1 month at At-Tanzil Pandan Jaya, which is located at 21B, Jln Pandan Jaya 2/2, 55100, Kuala Lumpur, Malaysia. The target of the KKN - KI dedication programme is 17 (seventeen) children who are studying at SB at Tanzil pandan Jaya.

b. Profile Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya

Sanggar Bimbingan Belajar is a non-formal educational institution located in Malaysia and operated by the Embassy of the Republic of Indonesia or Kedu-taan Besar Republik Indonesia (KBRI) Malaysia to provide facilities to immi-grant children who cannot qualify for formal education.

Sanggar Bimbingan Belajar (SB) At-Tanzil Pandan Jaya was founded in order to promote the education of Indonesian immigrant children who are in Malaysia especially in Pandan Jaya and its sur-roundings. SB At-Tanzil Pandan Jaya was officially inaugurated on Sunday, December 23, 2023, under the auspices of IKABA and IMABA Malaysia.

The teaching activities at SB Pandan Jaya are divided into two classes: morn-ing and afternoon, where morning classes start at 08.00-11.00 MYT while noon classes begin at 14.00-16.00. SB At-Tanzil Pandan Jaya is committed to providing quality education by combin-ing academic learning and Islamic values.

SB At-Tanzil Pandan Jaya has a number of pupils as many as 17 (seven-teen) children, which consists of class 1 to class 6 of the Basic School. Curriculum used at SB At-Tanzil Pandan Jaya is the same as the curriculum used in Indonesia.

c. Implementation of TUNGALMUS

The children oftenly have difficulties in understanding and practicing what they have learned in mathematics. Therefore, SB At-Tanzil Pandan Jaya recognizes the need for a more inclusive learning approach using effective and creative new learning media.

TUNGALMUS emerged as a creative solution to this need. This learning medium utilizes the image of traditional musical instruments as a means of learning to calculate. This idea emerged from the awareness of the cultural wealth of Indonesia, especially in the form of traditional musical instruments that have their own uniqueness and beauty.

TUNGALMUS is designed to combine the learning of mathematical computation with Indonesian culture. The children will learn to calculate using the learning medium TUNGALMUS, which later in addition to training children's computing skills can also expand their knowledge of the culture that exists in Indonesia, especially traditional musical instruments of Indonesia. By combining mathematical learning and elements of local culture, TUNGALMUS is expected to inspire and enhance the interest of immigrant children in learning counting as well as introducing Indonesian culture to children of immigrants.

Students of KKN-KI at SB At-Tanzil Pandan Jaya have implemented TUNGALMUS by developing creative media to enhance students' interest in learning computing as well as introducing students to Indonesian culture. It aims to create a pleasant learning environment, so that children feel more engaged and enthusiastic. As for the stages of implementation of the creative media, TUNGALMUS Traditional Music Tools to assist students of SB At-Tanzil Pandan Jaya is as follows in Table 1.

Table 1. The Stages of TUNGALMUS Implementation

No	Stages	Title
1.	Introduction	1. Greetings. 2. Pray before study.
2.	Implementation	Lesson Plans: 1. An introduction to traditional Indonesian musical instruments. 2. Identification of numbers for children in SB At-Tanzil Pandan Jaya.

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| | | 3. Mathematics learning using TUNGALMUS learning media. |
| 3. | Evaluation | Giving practice task. |
| 4. | Closing | Pray after study. |
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In addition to increased interest in learning, TUNGALMUS also contributes to the development of social aspects of children. Collaboration in introducing traditional musical instruments can also expand the knowledge of students about the culture that exists in Indonesia. So whenever they return to Indonesia they know and know the country of Indonesia.

Conclusion

KKN-KI dedication program carried out for 1 month at Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya this targeted 17 children who study at the SB because children often get obstacles in understanding and practicing the learning they get like in the field of mathematics. They are facing difficulties in learning computing. Therefore, KKN-KI students at Sanggar Bimbingan Belajar At-Tanzil Pandan Jaya have come up with TUNGALMUS as a creative solution to overcome the challenge. This learning medium utilizes the image of traditional musical instruments as a means of learning to calculate. This idea emerged from the awareness of the cultural wealth of Indonesia, especially in the form of traditional musical instruments that have their own uniqueness and beauty.

TUNGALMUS is a numerical learning medium that has been designed and combined with some traditional Indonesian musical instruments. By combining mathematical learning and elements of local culture, TUNGALMUS is expected to inspire and enhance the interest of immigrant children in learning counting as well as introducing Indonesian culture to children of immigrants.

The implementation of TUNGALMUS learning media implemented by KKN-KI passes through several stages namely preliminary, implementation filled with some material, evaluation, then closing. Through this implementation, TUNGALMUS has contributed to the development of the social aspect of children. Besides the children of SB At-Tanzil Pandan Jaya can improve their ability and interest in learning to count, they can also get to know some of the traditional Indonesian musical instruments that are the country where they come from

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