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## THE EFFECT OF USING PODCAST LEARNING MEDIA ON LISTENING SKILLS

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### Abstract

Moderate tunagrahita children are children who have limitations in intellectual function (IQ). This study aims to describe the process of learning mathematics in class IV SDLB with moderate impairment in terms of planning and implementation of learning in the classroom. Learning to recognize flat shapes in moderate tunagrahita children is expected to make it easier for students to learn, add insight, inspire, develop various character values, increase knowledge and develop student abilities. This research method uses descriptive qualitative research methods because the main data sources of this research are observation and documentation. The results of this study are expected that math learning can add information or insight for teachers so that they can make learning better and achieve maximum. From the results of the study, the researcher proposes recommendations / suggestions for teachers to provide selection of learning materials that are in accordance with the needs of children so that students can understand learning materials easily. The success in this Classroom Action Research (PTK) is seen in each cycle, namely in Cycle I by 60% and increased in Cycle II to 100%..

**Keywords:** Image media, flat building concepts, grade IV SDLB students with moderate impairment

### Abstrak

Anak tunagrahita sedang adalah anak yang mempunyai keterbatasan dalam fungsi intelektual (IQ). Penelitian ini bertujuan untuk mendeskripsikan proses pembelajaran matematika di kelas IV SDLB tunagrahita sedang ditinjau dari perencanaan dan pelaksanaan pembelajaran di kelas. Pembelajaran pemahaman mengenal bangun datar pada anak tunagrahita sedang diharapkan mempermudah siswa dalam belajar, penambahan wawasan, memberi inspirasi, mengembangkan berbagai nilai karakter, menambah pengetahuan dan mengembangkan kemampuan siswa. Metode penelitian ini menggunakan metode penelitian kualitatif bersifat deskriptif karena sumber data utama dari penelitian ini adalah observasi dan dokumentasi. Hasil penelitian ini diharapkan pembelajaran matematika dapat menambah informasi atau wawasan bagi guru sehingga dapat membuat pembelajaran menjadi lebih baik dan tercapai secara maksimal. Dari hasil penelitian, peneliti mengajukan rekomendasi / saran bagi guru untuk memberikan pemilihan materi pembelajaran yang sesuai dengan kebutuhan anak agar siswa dapat memahami materi pembelajaran dengan mudah. Keberhasilan dalam Penelitian Tindakan Kelas (PTK) ini terlihat di setiap siklusnya, yaitu di Siklus I sebesar 60 % dan meningkat di Siklus II menjadi 100 %.

**Kata Kunci:** Media gambar, konsep bangun datar, siswa kelas IV SDLB tunagrahita sedang

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## **INTRODUCTION**

Listening is a means of facilitating oral communication, and through listening activities you can enrich information. In daily life events in society, it is found that the activity portion includes 45% for listening, 30% for speaking, 16% for reading, and only 9% for writing. Therefore, listening is a basic skill that a person must master in order to be able to master other language skills.

According to Rusli in Pratiwi et al, (2022: 157) explains learning media as part of the delivery strategy (media delivery). Learning media has functions and benefits as a tool that can be used by teachers to help the teaching and learning process so that learning becomes more effective, active and meaningful. Using learning media can also improve the quality of education. One digital-based media that can be used for learning is media podcasts.

Podcasts are included in learning media in the form of audio (sound recordings) which are available on Intel. Podcasts are almost the same as radio broadcasts, the difference is that Podcasts can be downloaded because they are available on the Internet, so they are easy to listen to anytime and anywhere. It is hoped that the use of podcasts in learning can attract students' attention to learning. According to Goldman in Pratiwi (2022), podcasts have benefits including: podcasts can be used as an innovative learning resource for teachers in classroom learning activities; podcasts help students' learning processes both in the classroom and outside the classroom; podcasts can increase teacher readiness in the preparation process before teaching; All podcasts have become digital learning tools with practical value in the classroom environment.

Based on this, the researcher carried out observations through interviews with the homeroom teacher of class V of SDN 1 Awirarang in Indonesian language learning, the use of podcast media has never been used, this is due to the lack of knowledge about the existence of podcast media. Using media such as podcasts will be very helpful in improving students' listening skills, because podcast listeners must have good listening skills.

The main obstacle encountered during learning in class V at SDN 1 Awirarangan is that students are less active, bored and often feel bored when Indonesian language learning takes place. One of the causes is the use of less varied learning media which results in students' lack of interest in learning. One of the benefits of using learning media is that it can overcome students' passivity and boredom so that students can be active in learning. By using podcast media, it is hoped that it will be able to improve students' listening skills.

## **METHOD**

### **Research design**

This research was carried out using the Quasi ELkspelrimelnl study type with a non-equivalent control group research design. According to Sugiyono (2014), Quasi ELxpelrimelntal Delsign is a form of elkspelrimelntal delsign, which is a development of truel elkspelrimelntal delsign, which is difficult to implement. This design has a control group, but it does not function completely to control external variables that influence the implementation of the implementation of the implementation.

The subjects in this research are class V students at SDN 1 Awirarangan for the 2022/2023 academic year which consists of 2 classes with a total of 44 students in class V. The students used in this research are class VA students, totaling 21 students as the control class does not use media. VB learning and class as an educational and learning class that uses podcast learning media with a total of 23 students.

## RESULTS AND DISCUSSION

### Results

Research is carried out by applying podcast learning media to listening skills. Time allocation is 3 x 35 minutes for each study. The following is the average data from research observations regarding the use of the podcast learning model regarding listening skills..

**Tabel 1. Rekapitulasi Hasil Uji Normalitas Pretest**

Kelas	X <sup>2</sup> Hitung	X <sup>2</sup> Tabel	Results	Information
Eksperimen	0,03	4,22	$X^2_{hitung} < X^2_{tabel}$	Berdistribusi Normal
Kontrol	<b>0,07</b>		$X^2_{hitung} < X^2_{tabel}$	Berdistribusi Normal

(Sumber: Hasil Penelitian Dikelas V SD Negeri 1 Awirarangan)

**Tabel 2 Rekapitulasi Uji Normalitas Posttest**

Kelas	X <sup>2</sup> Hitung	X <sup>2</sup> Tabel	Results	Information
Eksperimen	0,8	4,22	$X^2_{hitung} < X^2_{tabel}$	Berdistribusi Normal
Kontrol	<b>0,7</b>		$X^2_{hitung} < X^2_{tabel}$	Berdistribusi Normal

(Sumber: Hasil Penelitian Dikelas V SD Negeri 1 Awirarangan)

**Tabel 3 Rekapitulasi Hasil Uji Homogenitas Variansi**

Statistik	Pretest		Posttest	
	Eksperimen	Kontrol	Eksperimen	Kontrol
Variansi	8,99	6,32	7,43	5,46
$\alpha = 5\%$	0,05		0,05	
Fhitung	0,27406		0,40076	
Ftabel	1,53996			
N1	23		23	
N2	21		21	
Keterangan	Homogen		Homogen	

(Sumber: Hasil Penelitian Dikelas V SD Negeri 1 Awirarangan)

**Tabel 4 Rekapitulasi uji t tes awal (pretest)**

Statistic	Rata – rata	Varians	Jumlah Siswa	Thitung	Ttabel
Eksperimen	31,05	7,43	23	8,34	1,681
Kontrol	28,29	5,46	21		

(Sumber: Hasil Penelitian Dikelas V SD Negeri 1 Awirarangan)

**Tabel 5 Rekapitulasi Uji Tes Akhir (Posttest)**

Statistic	Rata – rata	Varians	Jumlah Siswa	Thitung	Ttabel
Eksperimen	41,39	8,99	23	5,45	1,681
Kontrol	34,96	6,32	21		

(Sumber: Hasil Penelitian Dikelas V SD Negeri 1 Awirarangan)

**Tabel 6 Tabel relapitulasi Uji N-Gain**

Kelas	Pretest	Posttest	Gain	N-gain	Kriteria
Eksperimen	40,61	86,00	76,2	0,76	Tinggi
Kontrol	43,34	73,62	52,9	0,52	Sedang

(Sumber: Hasil Penelitian Dikelas V SD Negeri 1 Awirarangan)

## Discussion

Podcasts are included in learning media in the form of audio (sound recordings) which are available on Intel. Podcasts are almost the same as radio broadcasts, the difference is that Podcasts can be downloaded because they are available on the Internet, so they are easy to listen to anytime and anywhere. It is hoped that the use of podcasts in learning can attract students' attention to learning. According to Goldman in Pratiwi (2022), podcasts have benefits including: podcasts can be used as an innovative learning resource for teachers in classroom learning activities; podcasts help students' learning processes both in the classroom and outside the classroom; podcasts can increase teacher readiness in the preparation process before teaching; All podcasts have become digital learning tools with practical value in the classroom environment.

According to several research studies that have been carried out by previous researchers, namely by Abd Wahab in a thesis entitled "The Influence of Podcast Media on Celrita Listening Skills in Class V Students of SDN 180 Kalimbua, Elnrelkang Regency" (2022), the type of research used by Abd Wahab is Prel's research fellow Elkspelrimeln, the results of research conducted by Abd Wahab show that Podcast learning media has an influence on story listening skills. This research has similarities with research that researchers design, namely that they both research the influence of the use of podcast media on skills. However, these two research studies certainly have differences in the research they design, especially in research subjects, research

objects, teaching materials, and research locations. This is what attracted the attention of researchers to study further the influence of podcasts as a medium for students' Indonesian language learning.

Based on the results of the calculations, it can be concluded that in the results of the grades in the eksperimen class before and after the application of the podcast learning method was implemented, a selbelsar gain value of 76.2 and an N-Gain selbelsar 0.76 were obtained, according to the results of the N-gain the grades were included in the high criteria. . Meanwhile, in the control class, the gain value was 52.9 and N-Gain was 0.52 and the results of the control class were included in the class criteria. Based on the results of the two classes, it can be seen that there is a difference in the improvement in the results of students' listening skills, with a higher increase in the results of students' listening skills in the Eksperimen class.

## CONCLUSION

Hasil penelitian eksperimen yang telah dilaksanakan pada pembelajaran Bahasa Indonesia Cerita Lelenda Putri Niwel Gading dengan efektivitas penggunaan media pembelajaran Podcast terhadap Keterampilan menyimak siswa Sekolah Dasar dalam penggunaan media pembelajaran Podcast dan Media Pembelajaran Strip Story pada siswa kelas V SD Negeri 1 Awirarangan menunjukkan bahwa:

1. Terdapat perbedaan Keterampilan Menyimak siswa yang menggunakan media pembelajaran podcast (kelas eksperimen) dengan siswa yang menggunakan media Strip Story (kelas kontrol) setelah perlakuan (posttest)
2. Terdapat peningkatan (gain) Keterampilan Menyimak siswa yang menggunakan media pembelajaran Podcast (kelas eksperimen) dengan siswa yang menggunakan media Pembelajaran Strip Story (kelas kontrol)

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