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Yohanes Heri Pranoto, Lisnani

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Anselmus Inharjanto, Lisnani

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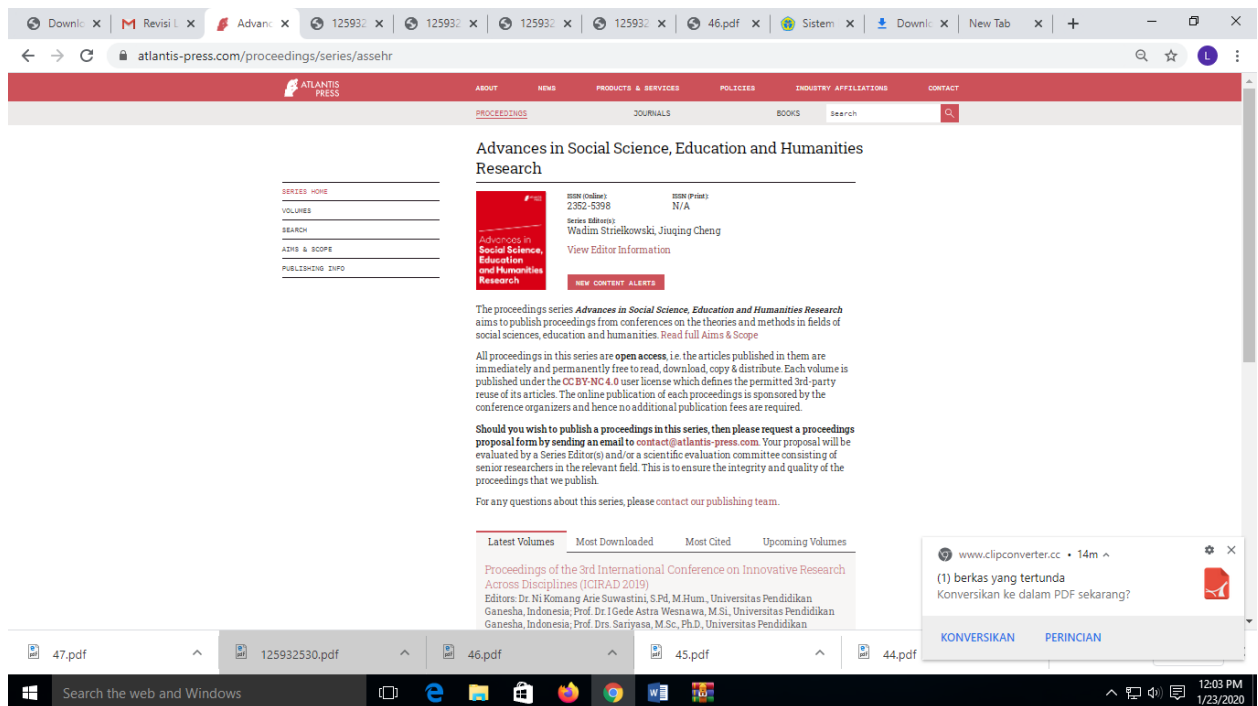
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[Developing Coloring Books to Enhance Reading Comprehension Competence and Creativity](#)

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[Evaluation of Curriculum 2013 Implementation in Elementary Schools](#)

Sukarman

This research aims to contribute several ideas towards the implementation of the 2013 curriculum for elementary school teachers in Palembang. This descriptive qualitative research used interviews and questionnaires as data collection techniques. The results of the 2013 Curriculum implementation evaluation...

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[Image Patch Extraction in Text Area of Balinese Palm Leaf Manuscripts with Gabor Filters](#)

Made Windu Antara Kesiman, Gede Aditra Pradnyana

In an effort to build a word spotting and indexation system for the Balinese palm leaf manuscripts, text area detection and image patch extraction in the text area must be done effectively. However, there is no space between words in writing with Balinese scripts. This paper aimed at describing a complete...

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[Diversity Genera of Coliforms Bacteria in Buyan Lake](#)

I W S Warpala, N L P M Widiyanti, I A Suryanti, I W S Wibawa

The cleanliness of the water is the main requirement for the health.

Microbiological parameter is one of the parameters that should get the attention because its impact is dangerous, that can cause infectious diseases. Most coliforms bacteria do not cause disease, but its presence can indicate the presence...

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[Turnover Intention as an Impact of Job Insecurity Among Bank Employees](#)

Ega Leovani, Anselmus Inharjano

The purpose of this research was to investigate the influence of job insecurity on the turnover intention among bank employees in Palembang. This descriptive qualitative study employed job insecurity as the independent variable and turnover intention as the dependent variable. The data collection technique...

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[Playing with e-CALF: "Regulate My Own Learning"](#)

Ni Wayan Surya Mahayanti, G.A.P. Suprianti, Ida Ayu Made Istri utami, I Putu Indra Kusuma

e-CALF facilitates digital natives to learn in their way. The researcher of this study used descriptive qualitative design to investigate the implementation of e-CALF in the school setting by finding six students' experiences, challenges, and responses in playing the game. It also found out how the implementation...

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[Analysis of Students' Affective Character in Microbiology Class Through Mini Research Based on Learning Model](#)

Hasruddin, Aryeni, Dirga Purnama, Evi Lestari

Microbiology materials are taught with mini-research patterns, namely observation of bacterial colonies, fungal characteristics, bacterial staining, bacterial biochemical tests, and bacterial identification. The purpose of this study is to describe the character of students related to the affective abilities...

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[Printed Media Versus Digital Media: Which One is More Effective?](#)

Ni Made Ratminingsih, I Gede Budasi

Media plays an important role in the teaching and learning process. It is a tool that contains materials that students learn. This paper aimed at describing the result of experimental research which investigate the effect of two different media, printed and digital, used to teach literacy particularly...

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[Mechanical Properties of Natural Materials from Kalimantan as Substitute Material for Reinforcement Buildings](#)

Andromeda Dwi Laksono, Ilham Prabu Seno, Rifqi Aulia Tanjung, Basyaruddin

Kalimantan has abundant natural resources, including wood. The physical properties of wood have varying strength and flexibility and could replace concrete reinforcement steel. In this study, the mechanical properties and sound insulation of one of Kalimantan's natural fiber combined with polyester matrix...

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[Teacher and Students' Perception on Using Kahoot! for English Learning](#)

Kadek Eva Krishna Adnyani, I Wayan Adnyana, Ni Nyoman Murniasih

The purpose of this research was to determine (1) Teacher's perception on using Kahoot! for English learning; (2) Students' perceptions on using Kahoot! for English learning; and (3) Constraints encountered while using Kahoot! for English learning. This is a quantitative descriptive research. The research...

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[Students' Perceptions of the Utilization of ICT in English Learning: Way or Barrier?](#)

Ira Irzawati, Anastasia Ronauli Hasibuan

This study aimed to describe the students' perceptions of the utilization of ICT in English learning. One hundred and thirty-four students of a private university in South Sumatera were involved as participants of this study. The questionnaires were administered to gain a portrait of students' perceptions....

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[Developing Balinese Culture-Based Textbook for Intermediate Level BIPA Instruction](#)

Putu Ayu Prabawati Sudana, I Made Suta Paramarta, IGA Pt Novita Sari Paragae, I Dewa Gede Budi Utama

This study aimed at developing a Balinese culture-based textbook for intermediate level BIPA (Indonesian Language for Non-native Speakers). The research method applied in this study was Gall and Borg Research and Development Method. The steps already conducted were 1) need analysis, by distributing questionnaires...

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[Strategy for Empowerment of Pottery Craftsmen in Kasongan Tourism Village, Bantul Regency](#)

Khafid Ismail, Sucihatiningsih Dian Wisika Prajanti, Widiyanto

This descriptive qualitative study which aimed to formulate the empowerment strategy for pottery craftsmen community in the Tourism Village of Kasongan using primary and secondary data. SWOT analysis was used in this study. The data collected through observations, documentation, interviews and focus...

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[Mapping and Distribution of Useful Plant Species in Bukit Kangin Forest, Peglingsingan Village, Karangasem, Bali](#)

Nyoman Wijana, I Gusti Agung Nyoman Setiawan

The objectives of this research were to produce a distribution map and to know the distribution patterns of useful plant species in the original nature in Bali Aga Tenganan Peglingsingan village. This research belongs to explorative and descriptive research. The locations and population of this research...

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["Seed Bag" Production Implementation as an Oriented Critical Institutional Revegetation in "Green Economy"](#)

Sucihatningsih Dian Wisika Prajanti, Eva Banowati, Talitha Widiatningrum

The purpose of this study is to introduce a new method of revegetation of critical land using seed bag to restore the carrying capacity of the land which is diminishing due to natural disasters. This study took place in the Ledek Mountain area of Semarang State University. The variables of this research...

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[Students' Speaking Anxiety on their Speaking Performance: A Study of EFL Learners](#)

Anastasia Ronauli Hasibuan, Ira Irzawati

In the new era of industrial revolution 4.0, it demands that people should enhance their communication competence to interact globally. The ability to speak a foreign language is prominently influenced by one of the problems, namely speaking anxiety. This language production barrier affects various aspects...

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[The Use of “Schoology” in Pragmatics Classes](#)

Ni Made Rai Wisudariani, Sang Ayu Putu Sriasih, Ida Ayu Sukma Wirani,
Ni Putu Seniwati

This study was a descriptive qualitative design which focuses on describing the efficacy of Schoology for teaching Pragmatics. Lecturer who taught at the fourth semester and the students of the Indonesian Language and Literature Education Department were involved as the participant in this study. The...

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[The Economic, Ecological, and Educational Benefits of Sea Turtle Conservation in North Bali Region](#)

Gede Ananta Wijaya, I Nyoman Purwakanta, I Wayan Tantrawan

This study aimed at examining the economic benefits the sea turtle conservation brought to the coastal community, the impacts on the environment, and the benefits that it brings about to education sectors, especially as one of the biodiversity learning resources for the community and students in the...

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[Values of Character Education in the Characterizations of Dory in Disneys' Animated Feature Finding Dory \(2016\)](#)

I.G.A. Lokita Purnamika Utami, Ni Komang Arie Suwastini, Ni Nyoman Artini, Umami Kultsum

As technology brings both positive and negative impacts on children's characters, the present study argues that watching movies online can provide access to entertainment that contains values of character education as showcased by Disney's animated feature entitled Finding Dory. Through textual analysis,...

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[The Meaning of Economic Activity in the Family Economics from Balinese Women's Perspective](#)

Luh Indrayani, Lucy Sri Musmini

Women, like men, are also in charge in family economics. This study aimed at understanding the meaning of economic activity in the family economics

from Balinese women's perspective. The approach of this study was transcendental phenomenology by discovering the meaning and reality of informants about...

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[The Effect of Financial Literacy, Gender, and Students' Income on Investment Intention: The Case of Accounting Students](#)

Nyoman Trisna Herawati, Ni Wayan Yulianita Dewi

Investment activities are essential to be developed among millennial generation, including college students. The development of fintech should be able to make students participate in investing activities in the stock market. However, a survey shows that there is a lack of traders from the younger generation....

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[Usability Testing in Tourism Object Management System](#)

I Gusti Ngurah Putra Arijaya, I Made Ardwi Pradnyana, I Made Agus

Wirawan, I Wayan Suwendra, I Gede Putra Nugraha, I Nengah Suparta

In developing a website, it must go through usability guidelines to ensure a system is easy to use. Usability is an important aspect to assess the quality of the website interface. This research was conducted to analyze the usability level of the Tourist Management System. This study used a usability...

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[Correlation Between Body Mass Index \(BMI\) and Level of Anxiety to Menstrual Cycle for Young Female Students in the Department of Midwifery](#)

Luh Ari Arini, Ketut Espana Giri, Anjar Tri Astuti

Menstruation is the initial sign in which the function of a woman's reproductive organs has matured. This situation happens every month in a periodic cycle. The menstrual cycle of young women tends to be irregular or disorders because it is influenced by the balance of the estrogen and progesterone hormone...

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[Sustainability Reporting Practice in Indonesian Public University: How to Support the Reporting Process?](#)

Putu Sukma Kurniawan, Sunitha Devi, I Gede Putu Banu Astawa

This research aimed at providing an overview of sustainability reporting practices in Indonesian public universities. This research contained two important discussions. The first discussion explained the development of sustainability reporting practices in Indonesian public university and the last discussion...

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[A Need Analysis and Instructional Strategy in the Village Financial Administration Through Village Financial System Media](#)

Ni Luh Gede Erni Sulindawati, I Gusti Ketut Arya Sunu

This study aimed at analyzing the needs and an appropriate instructional strategy related to village financial administration. The study used a development method, following the stages of the potential and the need problem in the instruction and the need of village apparatus in administrating the village...

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[The History of Taman Sari Temple in Sebudi Village, Selat, Karangasem, Bali and its Potential as a Tourist Attraction](#)

I Made Pageh, I Wayan Putra Yasa

This study is qualitative research that aims to find out the history and spiritual tourism potential in Taman Sari Temple in Sebudi Village, Selat, Karangasem. The steps of the research carried out were determining the location, determining the informant, collecting data, triangulating data, analyzing...

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[Empowering Local Potentiality \(Local Genius\) as Sociocultural Capital to Develop Tourism](#)

I Wayan Kertih

This study aimed at identifying local genius empowerment as socio-cultural capital to develop tourism in Nusa Penida, Bali province by using a cultural ethnographic study approach. The respondents in this study were determined through snowball sampling. The result showed that there were various forms...

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[Spatial Analysis of Rural–Urban Linkages in Suburbs of Denpasar City](#)

Putu Indra Christiawan, I Gede Astra Wesnawa, I Made Sarmita

The debate about rural-urban linkages is crucial in regional development. Rural-urban linkages can be viewed from people's movement as well as the pattern of goods and services. The present study aims to elaborate this linkage in the suburbs of Denpasar City. Primary data had been collected from sample...

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[Primary Literacy Activities in Basic Education in Bali: Describing Implication on Children Reading and Writing in EFL](#)

N.N. Padmadewi, L.P. Artini, L.G.R Budiarta, P.A.R. Apriliadewi

The results of PISA (Program of International Student Assessment) revealed that Indonesia students still have a low literacy level. This research aimed at investigating the implementation of Primary English Literacy activities at elementary school and finding out the effect of the activities toward the...

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[The Development of Android-Based Balinese Dance Dictionary](#)

Kadek Yota Ernanda Aryanto, I Nengah Suandi, I Wayan Mudana, Ni Luh Partami, I Made Bandem

Almost all of the terms used in Balinese dance adopt words or terms from the Balinese language which can make difficulties for those who are interested in learning Balinese dance. Current technologies, especially in mobile technology, can certainly be a solution and become medium to disseminate the Balinese...

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[Knowledge and Perception of Reproductive Health Among Men Who Have Sex with Men](#)

Made Kurnia Widiastuti Giri, Ni Komang Arie Suwastini, Ni Nyoman Artini
The Men Who Have Sex with Men (MSM) lives in irrational stigma of sexual behavior where the community does not have a complete knowledge about MSM sexual behavior. This study aimed to describe MSM's sexual behavior, knowledge, and perception of reproduction health. This study was designed as systematic...

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[Perceptions and Needs Among Diabetes Patients: A Qualitative Study](#)

Made Kurnia Widiastuti Giri, Adnyana Putra

Diabetes mellitus is a degenerative disease that requires multi-dimensional management. Nowadays, the current phenomenon in the community happens that the patients only focused on pharmacological therapy without getting suggestions that describing the other dimensions. This study aimed at analyzing the...

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[English Learning Media for EFL Elementary Learners: A Development of Camtasia-Based Digital Video](#)

Luh Gede Eka Wahyuni, Ade Asih Susiari Tantri

Teachers' less competence in evolving technology-based media into teaching and learning process becomes the basis for this study to develop a learning video by using Camtasia Studio. A design and development research was used with ADDIE model. The development was done based on need analysis through document...

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[Risk Factors for Risky Pregnancy in Patas Village, the Working Area of Gerokgak I Health Center](#)

Ni Komang Sulyastini, Luh Nik Armini, Ni Nyoman Ayu Desi Sekarini, Putu Irma Pratiwi

Every pregnant woman needs to be monitored during her pregnancy. One observation that can be done is through screening and early detection during pregnancy. High and very high risk pregnancies increase maternal complications and death. This study revealed the risk factors for risky pregnancy in Patas...

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[PowToon-Based Video Media for Teaching English for Young Learners: An Example of Design and Development Research](#)

Luh Diah Surya Adnyani, Ni Wayan Surya Mahayanti, G.A.P Suprianti

This study aims to develop a digital teaching media using PowToon that will help raise the integration of ICT in the young learner classroom. In this study, a design and development research method (DDR) was used. The media were developed by applying phases of ADDIE. The development was based on questionnaires,...

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[Data Acquisition of Electric Power Usage as the Implementation of the Internet of Things at Smart Home](#)

A.A. Kusuma Dewi, Gede Suweken, K.A. Ady Aryanto, K.Y. Ernanda
Aryanto

Data from the ASEAN Center for Energy (ACE) shows that Indonesia has the highest level of energy consumption in Asia. Home automation, a smart home scheme utilizing the vast development of the latest networking and AI technologies, has been proposed to tackle the problems. In this work, we have provided...

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[Gamifying Balinese Local Story: Facilitating Gen Z in Learning English](#)

Putu Kerti Nitiasih, Luh Gd Rahayu Budiarta, Ni Wayan Surya Mahayanti

Working with nowadays children, technology cannot be neglected to be involved in their learning. Gamification in education becomes very popular as one of the most effective methods in facilitating students' learning.

Inserting gamification elements in Balinese Local Stories was the purpose of this R&D...

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[Design of the Integrated Health Information System in the District of Bangli](#)

KYE Aryanto, IW Abyong, KA Seputra, GA Pradnyana, A.A.G Yudhi Paramartha

Healthcare information, technology, product of technology, and information technology that supports the development of healthcare can be resulted from research and development of science and technology. The presidential regulation stated that the components of the healthcare management were grouped into...

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[Learning Japanese Language Based on 2013 Curriculum at Elementary Schools in Bali](#)

Desak Made Sri Mardani, I Wayan Sadyana, Luh Diah Surya Adnyani

This study aimed at describing the implementation of the 2013 curriculum in learning Japanese at elementary schools in Bali, considering that learning Japanese has not been taught only in high /vocational school level. The results of questionnaires and interviews revealed that only 20% of them have implemented...

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[Uncovering Assessment Literacy of Elementary Teachers in Singaraja, Bali](#)

A.A.I. Ngurah Marhaeni, A.A. Gede Yudha Paramartha, Dewa Gede Firstia Wirabrata, Nyoman Dantes, I.K. Agus Susilawan, Dewa Ayu Puteri Handayani

This study aimed at determining the teacher assessment literacy of elementary school teachers in Buleleng Regency. It was a descriptive study with the sample of 144 elementary school teachers selected by using multistage random sampling technique. The data were collected by using questionnaire and interview...

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[STEM Oriented Mathematics Learning with GeoGebra](#)

Gede Suweken

This paper presents a series of GeoGebra-based mathematical applet (mathlets) for science and math subjects, developed for elementary, middle, high school, and Calculus students. The mathlets were developed in order to fulfill requirements for qualified mathematics learning as expected by the K-13 curriculum....

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[Mathematics Learning Outcomes Based on Gender in the Inquiry Learning Model](#)

Ni Ketut Erawati

Gender differences cannot be avoided under any circumstances. The same thing also happens in a classroom. This study aimed at analyzing students' learning outcomes based on their gender in the inquiry learning model. This research used a quantitative descriptive study with a comparative causal method....

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[Musculoskeletal and Postural Stress Evaluation as a Basic for Ergonomic Work Attitudes on Welding Workers](#)

Wahyu Susihono, Yuri Selviani, Ida Ayu Kade Arisanthi Dewi, Ni Luh Gede Liswahyuningsih

Production process in the construction industry is mostly done by human labour in many manual material handling activities ranging from transportation, machine set-up, and workpiece arrangement. At our subject company, 33 workers have complaints about muscle parts, which are commonly referred to musculoskeletal...

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[Carbonization Characteristics of Municipal Solid Waste/Cow Manure Blend](#)

Made Gunamantha, Made Vivi Oviantari, Ni Putu Sri Ayuni

The goal of this research was to elucidate the characteristics of organic fraction of municipal solid waste or cow manure blend biochar produced in a batch-type carbonization reactor at range temperature, ranging from 300 to 350 degrees Celcius. The OFMSW composition to cow manure in feedstock were varied...

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[Validity and Reliability of Critical Thinking Disposition Inventory](#)

I Wayan Redhana, Ida Bagus Nyoman Sudria

The aim of this study was describing the validity and reliability of critical thinking inventory. The type of study was survey research. The study population was students of junior high schools in the Province of Bali, Indonesia. Samples were drawn by a multistage random sampling technique. In each district,...

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[Fraud Prevention Using Village Financial Management Control System](#)

A A Gde Satia Utama, Tri Nur Afiyah Wulandari

The study aims at exploring the Internal Control System in preventing fraud in village financial management. This research applied qualitative exploratory with a case study method. The Data of this research were primary and secondary data through interviews, documentation, and observation from Ketapang...

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[Development of Natural Fiber Composites Based on Thickness Swelling Using Palm Fiber and Coconut Fiber Paper](#)

Dewi Oktofa Rachmawati, I Gede Aris Gunadi

Palm and coconut fibers are able to accommodate different water, have good insulation of temperature and sound. The combination of palm and coconut fibers as a reinforcement of natural fiber composites is influenced by the characteristic thickness of the constituent materials. This study aimed at describing...

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[An Error Analysis on English Phrase Category Done by Students](#)

I Wayan Swandana, Dewa Putu Ramendra, Kadek Sintya Dewi

This article aims at analyzing English phrase category done by the English students majoring in English Education Study Program. It discusses about the types of errors on English phrase category and the factors influencing the errors. Qualitative design was chosen in this study. The subject of this study...

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[Improving Teaching Ability with Eight Teaching Skills](#)

Nyoman Sugihartini, Gede Partha Sindu, Kadek Sintya Dewi, Masduki Zakariah, Putu Sudira

In a teaching process, learning media should be developed to engage students in a classroom. This study aimed at developing learning media for microteaching courses in the form of teaching simulation videos. The development model used in making this media was the ADDIE model (Analysis, Design, Development,...

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Digitized Local Folklores in EFL Reading Classroom

Yohanes Heri Pranoto¹, Lisnani²

¹English Language Education Study Program, ²Primary School Teacher Education Study Program

^{1,2}Musi Charitas Catholic University

^{1,2}Palembang, Indonesia

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Abstract— This study aimed at reporting the implementation of the use of digitized local folklores to empower reading comprehension skills of junior high school students. This classroom action study was applied to a number of grade VII junior high school students. It engaged two stories about Palembang City - the Origin of Musi River and the History of Ikan Belido (*Chitala Lopis*). Both stories were “packaged” digitally by the use of video, and extended with guided ICT based post-reading activities. Video as one medium of the learning activities could confidently intensify students’ interest in learning due to the fact that most students tend to be more visualized. The result revealed that the use of this digitized media positively enhanced the students on the extent of the pleasure, imaginative visual learning aids, and the involvement and touched upon cultural aspects of the students.

Keywords—digitized learning aids; local folklores; reading comprehension skills; classroom action research.

I. INTRODUCTION

The 21st century is known as the era of globalization. Its existence has induced the huge changes in “social, economic, and cultural ways” [5]. Somehow, something positives and negatives might rise concurrently. To gain the positives, people ought to become wiser, smarter, more creative, and open minded, where those might be acquired naturally—from birth – or some come up by trainings. Since then, people altogether confide education as the role maker in academic knowledge and characters. It simply expresses the people’s reliance on education which have significant roles in shaping young people’s characters by main curriculum and co-curricular activities at schools [3].

When curricula come first to discuss on the academic knowledge, the old problem might rise - the assumption that school subjects are tedious. It is aggravated by the students’ contentions that some subjects are harder than the others; they will revel to the ones and vilify the others by defenses. The subject teachers, somehow, cannot take it for granted. This excess should be taken into account and reflected to find the solutions. One way is by giving the students’ meaningful learning experiences [4].

The fruitful experiences of learning are encountered in different aspects: students, teachers, materials, instructional

media, and teaching methods and techniques; the students by their teachers’ pedagogical skills get meaningful materials delivered with appropriate instructional media in purposeful teaching methods and techniques. The materials should be designed as authentic and contextual as possible [6]. Authenticity and contextualization of the materials can be among others strived for the collaborative learning. On the other hand, instructional media and learning aids are supposed to be attractive and typical based on the subject and learners’ characteristics.

English among other subjects is still presumed as one of the hardest subjects for the students widely [3]. Its existence in the curriculum also grapples with the challenges due to the fact that it is not the first language of Indonesian learners. English becomes compulsory on the level of junior high for a certain set of learning goals. DEPDIKNAS explains the areas of learning English in senior high school as follows:

- Language Competence – language competence involves language skills, i.e. listening, speaking, reading, and writing.
- Sub Competence – sub competence involves the *factional* competence, linguistic competence, socio-cultural competence, strategic competence and textual competence.
- Development of positive attitude in understanding English as a means of communication

To gain the successful performances on those areas, all learning aspects should be facilitated and optimized. One of attempts is by admitting the clout of the globalization which brings the students as the digital natives. Digitalization has brought the students so easy information access that might directly or indirectly influence on the students’ learning behavior. At the time information is everywhere – coming from internet, education should take advantage of it and realize that standing at cross purposes will even issue more harms. One of all is by doing something beyond knowledge and shifting the instructional focuses from the knowledge transfer to the character building. This might give benefits for the catholic schools in all level on the core values instillations.

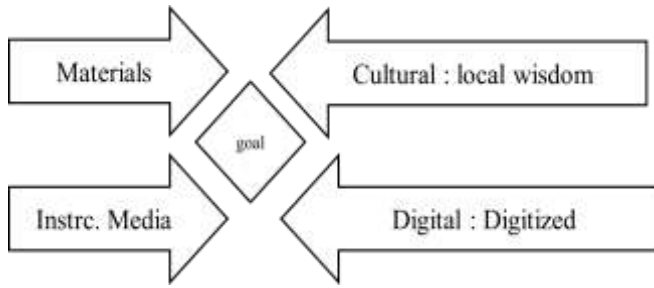


Fig. 1. Goal Setting.

By this research, the educational goals are not seized in terms of the knowledge development and skills performance but also characters empowerment. The media implemented were the digitized local folklores by involving SI UNYIL as the characters as in [1]. Si Unyil was chosen as it represents the famous figure of cartoon famous from Indonesia. Even it is palpably not the native cartoonish figure from Palembang, Si Unyil brings atmosphere of Indonesian culture representatives not only for Indonesia in general, but also for Palembang students in specific. The characters in Si Unyil story perform their own distinctive characters, so the students get more familiar towards this typical figure from Indonesia.

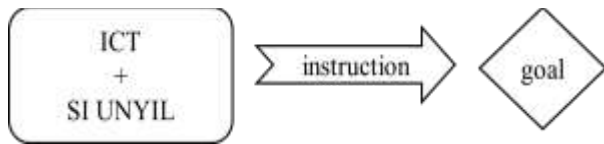


Fig 2. Research Objectives.

There were two main concerns of the research:

- 1) The extent to which ICT-based SI UNYIL enhanced the narrative reading of the students
- 2) The students' responses on the implementation of the digitized local folklores on the students' reading achievements.

II. RESEARCH METHOD

A. CAR (Classroom Action Research)

The Classroom Action Research (CAR) by Kemis and Taggart was used as the research design. There were two cycles for minimum to implement in the research. Each cycle comprise four phases namely planning, implementing, observing, and reflecting [7].

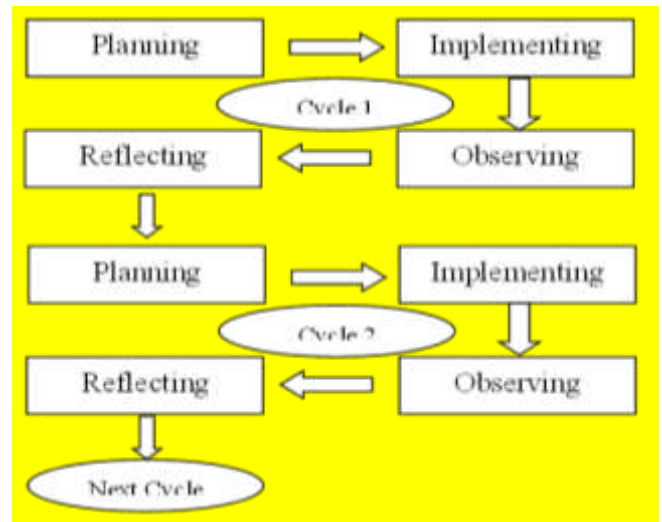


Fig 3. CAR Model by Kemis and Taggart.

The independent variable of the research was ICT-based SI UNYIL, while the dependent variable was the narrative reading comprehension of the students. Based on the phases of CAR, the first phase is planning. Before the implementation of the media, there were some preparations to accomplish in every cycle, such as designing the lesson plans, designing tests and doing test's validity and reliability, preparing the evaluation and observation instruments, and ensuring the equipment used in teaching.

Action or implementation comes after the planning. On this phase, the teaching was held. As it was CAR, the classroom teacher is the one teaching the class and using the media. During and after the implementation, the observations were conducted by the researcher. Three elements being observed covered teacher's classroom management, student's class performance, and the reading comprehension after the lesson. The last phase – reflection – was conducted to evaluate what went good and what needed improvements on the cycle.

B. Research Subject

The subject of the research was the 7th grade students of Xaverius 6 Junior High School Palembang.

C. Instruments

The instruments used to gather the information were the instructional media, observations sheets, tests sheets, and questionnaire sheets. The instructional media was the ICT-based SI UNYIL. The observations and test sheets were used in order to consider the students' narrative reading comprehension. Questionnaire was purposely to find out the students' responses towards the implementation.

D. Data Analysis

Percentage and scoring rubric were used to analyze the data. Paired sample t-Test was also used to find out the significant improvement on the reading performance of the students.

E. Validity and Reliability

Since the teaching video and test instrument were self-designed, the validity and reliability were required. By the results of the tests, some improvements were given towards the video and the test instrument. On the video, the speed speech was readjusted to get the students easily follow the plot. The questions formats were also revised due to the validity and reliability test results and suggestions from the class teacher.

III. RESULTS AND DISCUSSION

A. Results

1) *Cycle I*: This cycle was done in two meetings with 80 minutes for each meeting.

a) *Planning*: The first story was the STORY OF IKAN BELIDO. This story was chosen since Belido has become the icon of Palembang City. The test design was also validated on this phase, so it could be used in the research.



Fig. 4. Belido Statue in the City Centre

b) *Implementation*: In the first meeting, the students watched the video. There were some activities the students did before and after the video display. Pre-activities covered some questions to raise the students' attention and motivation. Some vocabulary, or common words in the story, by worksheets should also be distributed to the students, so they would help the students to understand the plots. Activities after the video – post activities – were designed to get the students' responses towards the videos. Replaying the video might be needed in these post activities. It depended on the students' need and willingness. In the second meeting, the students did the same post-reading activities and did a test.

c) *Observing*: The observations included the teacher, students' class performance, and reading achievements. From the teacher components, the aspects observed in the teacher component were mastery of the material, systematic presentation, application of methods, use of ICT media, performance, and motivation. Through indicators in every aspect, the results showed very good in the aspects of applying methods and performance with a score of 100%. While 93% is in other aspects. The total average percentage of achievement was 94%. The first thing to be improved was the mastery of teacher in using instructional media. A better mastery of media would help the students receive material better. In addition, the ability of the teacher to relate material to the realities of life also needed to be emphasized. This could bring them to the actualization of the material with

what was faced in the students' everyday life. In the students component, there were four aspects being assessed, namely the students' reading performance and comprehension. The classroom reading performances were observed to find out the effectiveness of the media implementation. While the reading comprehension by the reading tests was seen to measure the students' comprehension towards the reading materials. Assignments also show good performance, by 93% of the target. Meanwhile, the activeness and attention of students still needed some improvement by score 63% and 75%. The total average was 82%. From these results, it was obvious that some improvement was needed. The activeness of students in asking questions and generating ideas could be improved through more relevant questions related to the material that would be given. Students' enthusiasm also needed to be a particular concern in the next cycle. This could be provoked through relevant activities, such as providing rewards and the like. The final component was the assessment of learning outcomes conducted through summative tests. The following is the results of student learning in the first cycle and the student completeness results with the measurement of minimum completeness criteria (KKM) was 70.

TABLE 1. READING ACHIVEMENT CYCLE 1

| Score Range | Number of Students | Percentage |
|-------------|--------------------|------------|
| 90 - 100 | 8 | 31% |
| 80 - 89 | 11 | 42% |
| 70 - 79 | 3 | 12% |
| 60 - 69 | 3 | 12% |
| 50 - 59 | 0 | 0% |
| 40 - 49 | 0 | 0% |
| 30 - 39 | 1 | 4% |

TABLE 2. KKM ACHIVEMENT

| | |
|------|-----|
| <KKM | 15% |
| >KKM | 85% |

d) *Reflecting*: In this first cycle, there were some things going very well. Teachers who governed the class well became a source of success from this cycle. Good results also became evidence that the media provided could be accepted by the students. The initial fear related to competencies that were not in line with the semester could finally be alleviated. There were still a number of things to be improved. The first of all was to bring the students to the actualization of the materials with the students' real life. Narrative topics that revolved around the wisdom of the city of Palembang should be emphasized even more. In addition, the operation of the video had also to be more authorized by the teacher, so the thorough preparation must be done.

2) *Cycle II*: The second cycle was done in one meeting.

a) *Planning*: In the second cycle, the material given was different from the material in the first cycle. The story

was still about the local wisdom of the city of Palembang, but it was not common and well-known among the students, even people in Palembang like the history of Pulau Kemaro. This was expected to help the students in Palembang to know more about the culture of the City of Palembang itself. The story was the Origin Name of River Musi. The components of the questions in this cycle were slightly different from the previous ones. By continuing to use the same format or form of questions, the questions in this cycle were not equipped with Indonesian translations, so the students learned more in understanding the contents of English questions. With the good results of the questions in the previous cycle, students were also expected to get meaningful experiences and finally be able to gain more success. Besides, other instruments were also well prepared, such as observation sheets and other supporting equipments. The loudspeaker and LCD projector were also certain to function properly. Teacher readiness in using the media and mastering teaching materials was also enhanced.



Fig. 5. Musi River Palembang.

b) Implementing: Since the second cycle was carried out in one meeting, the students viewed the video on YouTube, so they could understand the subject matter before the learning session began. During the class session, they were upgraded again to the video that had been seen by linking it to the material in Mathematics. Thus, they increasingly understood the relationship between teaching material in English lessons with teaching materials in Mathematics. After the initial activity session, they looked back at the video. Some guiding questions were also delivered to help them better understand the reading content. Then they got a question sheet. From these questions, they were given time to work with help again with reading texts in English to ensure they did not forget the contents of the text. This was also in line with the focus of research: reading, and not listening skills.

c) Observing: From the teacher component, the teacher was very good at explaining the materials, answering questions, guiding discussions, and providing relevant examples. Media mastery was very good as well. Related to pedagogical ability, the teacher was already good at mastering the class. The percentage of teacher performance score is 97%. By the students' classroom performance, the percentage of the students' performance is 95%. They showed activeness, attention, discipline, and good performance in this cycle. Things which did not show up

were the students' initiative and enthusiasm in expressing ideas. Somehow, at least two students were found less motivated to participate in learning. This could be due to their lack of interest in learning by using audio visual. From component of reading achievement, cycle 2 brought a significant change in increasing the number of the students got score above 70. 9 students (35%) of the total participants got very good grades, 90-100. 12 students (46%) received grades between 80-89. Meanwhile, 5 students (19%) from the total participants got scores between 70 - 79. All participants also completed learning achievements with no students belonged the criteria under the KKM.

TABLE 3. READING PERFORMANCE CYCLE 1

| Score Range | Number of Students | Percentage |
|-------------|--------------------|------------|
| 90 - 100 | 9 | 35% |
| 80 - 89 | 12 | 46% |
| 70 - 79 | 5 | 19% |
| <70 | 0 | 0% |

TABLE 4. KKM ACHIVEMENT

| | |
|------|------|
| <KKM | 0% |
| >KKM | 100% |

d) Reflecting: By the results of observations on three components, namely the teacher, students, and learning outcomes, an overview was obtained, although in reality the results in cycle 1 were already satisfying. The improvement in cycle 2 could be caused by the readiness of the teacher in using the media. In addition, the students were also assisted in understanding the teaching materials through learning contexts built through the meaningful questions in the initial learning activities. This became the key to successful learning.

B. Discussion

1) Observation and Reflections: The percentage of observations on each component is presented in the diagram 4. There was 4% increases in the teacher component. This was in line with the preparations made. In the student component, change was found to be very meaningful. It might be caused by the readiness of the students to take lessons very well. While from the learning outcomes component, 2% improvement had shown good results and there was a change in cycle 2.

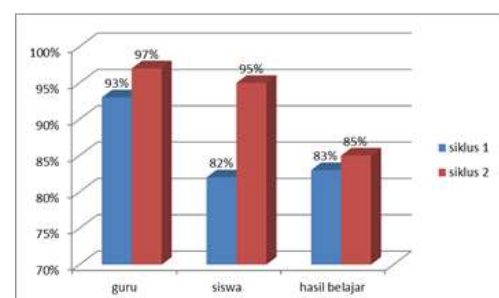


Fig. 6. Observation Result.



Fig. 7. Learning Activities.

2) Reading Performance and Questionnaire Results:

Although the increase in the percentage of completeness was achieved, there were some students who experienced a decrease in performance in cycle 2. Diagram 6 shows the compared score in cycle 1 and cycle 2. It showed 9 students who experienced grades down in cycle 2 that could describe there were still students who experienced obstacles in understanding the material and questions. This was due to the absence of Indonesian translation on the questions in cycle 2. It led the students not to accept the material given. From the questionnaire, it was found that 77.27% of the students said the media in the form of ICT-based Si Unyil stories was useful to improve the reading comprehension. Besides, the media encouraged 86.36% of all students to get to know the material better. The media also received positive responses in making the students more active in learning English (81.81%). In addition, 79% of students agreed that learning narrative by using ICT-based Si Unyil stories made them not feel bored. The media also helped them in exercising imagination (68%). The media made the majority of the students (69%) more familiar with Indonesian stories.

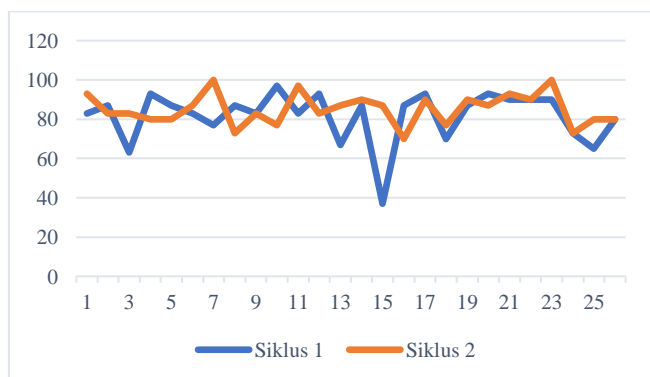


Fig 8. Reading Comprehension in Cycle 1 and 2.

3) Previous Related Studies and Statistical Results: The use of ICT as a learning tool was not something strange to the students in today's school. The novelty on the learning media

in this research was Si Unyil's character which was packaged in ICT. The material which was usually by texts and books was now-on packaged through a slightly different medium. This made the students more interested in receiving the materials, especially when lessons were given in subjects that were known to be difficult [5]. This change had several not-easy consequences, especially for the subject teacher. The teacher had to increasingly understand the character of the media used. The operation of the media also needed to be well understood. The teacher's pedagogical ability in the classroom was another thing also very influential on the achievement of learning goals. However, good results in both cycles were not in line with a significant increase in learning outcomes. The average score of 83 in cycle 1 did not impact on a significant change in cycle 2 – 85. This was indicated by the results of Paired Sample T-Test using SPSS (Table 5).

TABLE 5. PAIRED SAMPLE T-TEST RESULTS

| | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|-----------------------------------|--------------------|-------------------|-----------------------|--|-------|--------|----|--------------------|
| | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | Lower | Upper | | | |
| Pair 1 siklus1 - siklus2 | -2.115 | 7.987 | 1.566 | -5.341 | 1.110 | -1.351 | 25 | .189 |

IV. CONCLUSION

This CAR was held as the innovation and novelty from the media and ways of learning at schools. Media with ICT with Si Unyil's character are able to attract the attention of grade 7 students in the learning process. This was comparable with the learning outcomes from both cycles. In cycle 1, 85% of all participants performed well by exceeding the KKM scores that had been set. This was reinforced in cycle 2 with a percentage that exceeded the KKM by 100%. The questionnaire results supported the reading achievements. The use of this digitized media positively enhance the students on the extent of the pleasure, imaginative visual learning aids, and the involvement and touched upon cultural aspects of the students. The suggestions might go to the further research on different aspects or segments of reading, such as syntax.

V. ACKNOWLEDGMENT

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