



ISSN : 2548 - 4613
Vol. 4. Desember 2019

Proceedings

The 4th Annual INTERNATIONAL SEMINAR on Transformative Education and Educational Leadership

Theme : Education Innovation in Indonesia Context Focused
on Disruptive Technology of Industrial Revolution 4.0.

23 - 24 September 2019
Garuda Plaza Hotel - Jln. Sisingamangaraja No. 18
Medan, North Sumatra - Indonesia



Supported by :



Committee

Advisors

Dr. Syamsul Gultom, S.KM.,M.Kes (Rector of Unimed)
Prof. Dr. Bornok Sinaga, M.Pd (Director of Postgraduate Program of Unimed)
Prof. Dr. Sahyar, MS.,MM (Vice Director 1 of Postgraduate School of Unimed)
Dr. Darwin, M.Pd (Vice Director 2 of Postgraduate Program of Unimed)

| | | |
|--------------------------|---|--|
| Conference Chairperson | : | Dr. Rahmad Husein, M.Ed |
| Secretary | : | Dr. Juniastel Rajagukguk, M.Si |
| Trasurer | : | Dedi Agus Syahputra, SE |
| Secretariat | : | Vivi Emilawati, SE.,M.Si |
| | | 1. Erika, S.Pd.,M.Pd |
| | | 2. Nurul Fazrika, S.Pd.,M.Pd |
| | | 3. Amir Husin Sitompul, S.Pd.I |
| | | 4. Agus Harriyanto |
| Papers and Proceedings | : | 1. Dr. R. Mursid, ST.,M.Pd |
| | | 2. Dr. Anni Holila Pulungan, M.Pd |
| | | 3. Dr. Saronom Silaban, M.Pd |
| | | 4. Dr. Tumiur Gultom, M.Si |
| | | 5. Mangaratua Simanjorang, M.Pd.,Ph.D |
| | | 6. Indra Hartoyo, S.Pd.,M.Hum |
| | | 7. Dra. Meisuri, MA |
| | | 8. Dr. Hermawan Syahputra, M.Si |
| Program/Event | : | 1. Dr. E. Elvis Napitupulu, M.Si |
| | | 2. Dr. Rachmat Mulyana, M.Si |
| | | 3. Dr. Elmanani Simamora, M.Si |
| Plenary Session | : | 1. Prof. Amrin Saragih, M.A.,Ph.D |
| | | 2. Prof. Dr. Abinus Silalahi, M.S |
| | | 3. Prof. Dr. Abdul Hasan Saragih, M.Pd |
| Moderator for Parallel : | | 1. Prof. Dr. Edi Syahputra, M.Pd |
| | | 2. Prof. Dr. Anita Yus, M.Pd |
| | | 3. Prof. Dr. Paningkat Siburian, M.Pd |
| | | 4. Dr. Edy Surya, M.Si |
| | | 5. Dr. Fauziyah Harahap, M.Si |
| | | 6. Dr. Rahmatsyah, M.Si |
| | | 7. Dr. Arif Rahman, M.Pd |
| | | 8. Dr. Ir. Nurfajriani, M.Si |
| | | 9. Dr. Hidayat, M.Si |
| | | 10. Dr. Fitrawaty, SP.,M.Si |
| | | 11. Dr. Albadi Sinulingga, M.Pd |
| | | 12. Dr. Abdurrahman Adisaputera, M.Hum |
| | | 13. Dr. Imran Ikhmad, M.Pd |
| | | 14. Dr. Arfan Ikhsan, M.Si |
| | | 15. Dr. Saidun Hutasuhut, M.Si |
| | | 16. Dra. Jubliana Sitompul, M.Hum |
| Poster Session | : | 1. Dr. Anni Holila Pulungan, M.Hum |

2. Dr. Syamsidar Tanjung, M.Pd
 3. Dr. Sukarman Purba, M.Pd
 4. Dr. Ajat Sudrajat, M.Si
 5. Dr. Ratih Baiduri, M.Si
 6. Dr. Muhammad Fitri Ramadhana, M.Si
 7. Dr. Mulyono, S.Si.,M.Si
 8. Dr. Daulat Saragi, M.Hum
 9. Dr. Tumiur Gultom, SP.,MP
 10. Dr. Derlina, M.Si
 11. Dr. Wisman Hadi, M.Hum
 12. Dr. Nurhayati Simatupang, M.Kes
 13. Dr. Amir Supriadi, M.Pd
 14. Ali Fikri Hasibuan, SE.,M.Si
 15. Drs. Thamrin, M.Si
 16. Junita Friska, S.Pd.,M.Pd
- Public relations : 1. Muhammad Surip, S.Pd.,M.Si
2. Jihan Siska
- Accommodation : 1. Ater Budiman Sinaga, M.Si
2. Hendry Dalimunthe, MA
3. Yandri Imanuel Siburian, SE., M.Si.
4. Jasmi Assayuti, SHi
- Equipment : 1. Eko Budianto
2. Sofianto Gultom
3. Suhana Nasution
4. Farid Ma'ruf Harahap
5. Isachar Adry Utomo
6. Diky Arisandi
7. Herianto Samosir, S.Pd
8. Ahmad Rosyadi Nasution, S.Pd
9. Hizrah Saputra Harahap, S.Pd
10. Muhammad Isnaini, M.Pd
11. Nasiruddin, S.Pd
- IT & ICT : 1. Jerry S. Pauned, S.Si
2. Mulyanto Duha
- Transportation : 1. Hisar P. Sianturi, SH
2. Sari Purnamawati Siregar, M.Hum
3. Yutia Hafwenny, S.KM
- Consumption : 1. Fitria Ramadhani
2. Azizi Apri Indaya, S.Pd
3. Susiani, S.Sos
4. Siti Rohana, M.Pd
5. Yutia Hafweny, S.KM
6. Tiarma Nova, M.Pd.
- Receptions : 1. Nisa Ansyari Gultom, S.Pd
2. Desi Yulian, S.Pd
3. Siti Rohana, S.Pd.,M.Pd
4. Cecilia Tampubolon, S.Sos

Rundown of The 4th Annual Internatioanal Seminar on Transformative Education and Educational Leadership (AISTEEL) 2019
Garuda Plaza Hotel, Medan, 23 – 24 September 2019

1st day (Monday, September 23, 2019)

| Time | Activities | PIC |
|---------------|------------------------------------|-----------|
| 15.00 – 20.00 | Registration in Garuda Plaza Hotel | committee |

2nd day (Tuesday, September 24, 2019)

| Time | Activities | PIC/Moderator |
|----------------------|--|--|
| 07.00 – 08.30 | Poster Sessions 1 | Section Poster 1 |
| 08.30 - 09.00 | Opening Ceremony 1. MC Speech 2. Traditional Welcome Dance 3. Indonesian National Anthem 4. Pray 5. Chairperson Report 6. MoU signing between Unimed and PSU - Thailand 7. Welcoming speech of Director of Postgraduate School 8. Welcoming speech and official opening of Rector of State University of Medan | MC |
| 09.00 – 09.40 | Plenary Lecture 1: Prof. Dr. Syawal Gultom, M.Pd (State University of Medan– Indonesia) | Moderator Section |
| 09.40 – 10.25 | Plenari Lecture 2 Prof. W. L. Quint Oga-Baldwin (Department of Education, Faculty of education and Integrated Art and Sciences, Waseda University - Japan) | Prof. Amrin Saragih, PhD (Panel) |
| 10.30 – 11.15 | Plenari Lecture 3 Prof. Dr. Wu-Yuin Hwang (Graduate Institute of Network Learning Technology National Central University, NCU - Taiwan) | |
| 11.15 – 12.00 | Plenari Lecture 4 Prof. Dr. Ekkarin Sungtong (Dean of Faculty of Education Prince of Songkla University - Thailand) | Mangara Simanjorang, PhD (Panel) |
| 12.00 – 12.45 | Plenari Lecture 5 Asst. Prof. Patcharin Panjaburee, Ph.D. (Mahidol University – Thailand) | |
| 12.45 – 13.30 | Lunch Break/ Poster Sessions 2 | Section Poster 2 |
| 13.30 – 15.30 | Parallel Session 1 | |
| 15.30 – 16.00 | Break/ Poster Sessions 3 | Section Poster 3 |

| | | |
|---------------|--|---------------------|
| 15.50 – 18.00 | Parallel Session 2 | Moderator/Operator |
| 18.00 – 19.00 | Break/ Prayer | |
| 19.00 – End | Banquet (Gala Dinner) - Announce of Best Presenter - Announce of Best Poster | Consumption Section |

Proceedings of the 4th Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL 2019)

Preface

The 4th Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL 2019) was held in Garuda Plaza Hotel, Medan City-Indonesia on 23-24 September 2019. This seminar is organized by Postgraduate School, Universitas Negeri Medan and become a routine agenda at Postgraduate program of Unimed now.

The AISTEEL is realized this year with various presenters, lecturers, researchers and students from universities both in and out of Indonesia participating in, the seminar with theme “Education, Learning and Leadership Innovation.”

The plenary speakers coming from various provinces in Indonesia have been present topics covering multi disciplines. They have contributed many inspiring inputs on current trending educational research topics all over the world. The expectation is that all potential lecturers and students have shared their research findings for improving their teaching process and quality, and leadership.

The fourth AISTEEL presents a keynote speaker and 4 distinguished invited speakers from Indonesia, Japan, Taiwan, and Thailand. In addition, presenters come from various Government and Private Universities, Institutions, Academy, and Schools. Some of them are those who have sat and will sit in the oral defence examination.

There are 310 articles submitted to committee, some of which are presented orally in parallel sessions, and others are presented through posters. The articles have been reviewed by double blind reviewer and 172 of them were accepted for published by Atlantis Press indexed by International Indexation and 96 papers are published by digital library indexed by google scholar.

The Committees of AISTEEL invest great efforts in reviewing the papers submitted to the conference and organizing the sessions to enable the participants to gain maximum benefit.

Grateful thanks to all of members of The 4th Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL 2019) for their outstanding contributions. Thanks also given to publisher for producing this volume.

The Editors

Bornok Sinaga
Rahmad Husein
Juniastel Rajagukguk

Table of Content

| Title And Authors | Page |
|---|-------------|
| Learning Media Development of Foklore Text Which is Based on Digital in the 10th Grade of Vocational High School PAB 1 Helvetia <i>Yogi Andriyan Zunaeidy</i> | 1-3 |
| Translation Shift in the English Version of Musabaqah Tafsir Quran <i>Muhajirah Binti Jamaluddin</i> | 4-8 |
| Types of Lexical Creation in Iis Dahlia's Slang Words in Mamaku Hits <i>Filzah Farhana Hasibuan</i> | 9-12 |
| The Effect of Learning Strategies and Achievement Motivation on Entrepreneurship Learning Outcomes of Scout Special Unit Education and Culture Program BP-PAUD and DIKMAS Sumatera Utara <i>Johanes Pasaribu</i> | 13-16 |
| Analysis of Student's Science Process Skill on Respiration System Topic in Langsa City- Aceh <i>Ajeng Lola Prianti</i> | 17-20 |
| Meaning Equivalence in Abdullah Yusuf Ali's Translation of Surah al waqiah from English into Indonesian <i>Wirdatul Mardhiah</i> | 21-22 |
| Developing an Authentic Assessment Instrument of Exposition Text Based on Higher Order Thinking Skills (HOTS) in Class X Students of Senior High School <i>Yuli Novita Sari</i> | 23-26 |
| Sentence Acquired by Children of 2 – 2.6 Years Old in Bilingual Environment <i>Laura Agustina Simamora</i> | 27-29 |
| Development of Study Peripheral Base on the Realistic Approaches to Increase Ability of Mathematical Reasoning of Student Junior High School State 6 Medan <i>Melisa</i> | 30-35 |
| Effectiveness of Ecology and Environment Textbook Based on Science Literacy and North Sumatra's Local Potency to Improve High School Student Science Literacy <i>Ivandi Sitompul</i> | 36-39 |
| Deposit Determinant Analysis in Bank Sumut <i>Mangaradot Saur A Sinaga</i> | 40-47 |
| Development of Teaching Materials Based on Guided Discovery Learning Methods to Increase Mathematical Problem Solving Ability <i>Rianta Ananta Sitepu</i> | 48-55 |
| Development of Mathematical Learning Devices Based on Model Problem Based Learning (PBL) to Improve Mathematical Communication Skills of School IT Jabal Noor Students Class VII | 56-65 |

Rizka Putri Rahayu

Development of Thematic Teaching Materials Based on Local Culture at The Fourth Grade of Primary Schools in North Padang Lawas District 66-69

Rahimul Harahap

The Maintenance of Mandailing Language Kecamatan in Torgamba

Putri Nurul Rahmadani Siregar 70-76

Enhancing Students Mathematical Conceptual Understanding by Applying Guided Discovery Learning and Direct Learning Model 77-82

Sri Rahwany Marbun

Development of Learning Devices Based on Realistic Mathematic Education to Improve Mathematical Communication of Students at Senior High School 83-86

Karina Hajar Hutasuhut

The Developing of Interactive Learning Media in Improving The Learning Creativity of 4-6 Year-Old Playgroup Students in PAUD Kenanga Raya Medan 87-89

Romi

The Influence of Learning Approaches and Interest in Learning Against the Results of Learning English in Class VIII Medan SPK Middle School T.A 2018/2019

Juni Triana Sitompul 90-94

Determinant Analysis of Sharia Banking Efficiency in Indonesia

Rahmat Putra Ahmad Hasibuan 95-99

The Development of Interactive Instructional Media Based on Behavioral Perspective to Improve the German Skills of Senior High School Students Grade X 100-102

Hadijah Handayani Sibuea

Development of Guided Inquiry Green Chemistry Practicum Guides 103-106

Ekin Dwi Arif Kurniawan

The Development of Adobe Flash Media Integrated Problem Based Learning on Salt Hydrolysis 107-110

Indriati Aulia

The Effect of Learning Strategy and Interpersonal Communication on the Students Achievement Reading Comprehension English Language at SMP Negeri 1 Selesai Kabupaten Langkat Tahun Ajaran 2018 / 2019 111-115

Husna Lubis

Cognitive Consideration in Persuading Readers in Argumentative Writing 116-119

Betharia br. Sembiring Pandia

The Role of the Single Mother of Parenting in Informal Education in Javanese Ethnic Families in Kualuh Hulu District Labuhanbatu Utara Regency 120-122

Suriyanti Siagian

Understanding of Female Prisoners Character Education Through Formal 123-125

Socialization at Labuhan Ruku Penitentiary

Dian Puspita Sari Sirait

Local Wisdom-Based Education Marsialapari Salak Farmers Sibangkua Angkola Barat Tapanuli Selatan 126-128

Desy Andarini

Rituals at the Tomb of Datuk Darah Putih as a Media for Nonformal Education to Respect Ancestors (Case Study Chinese Ethnic in Aur Village Medan Maimun District Medan City) 129-131

Gadis Anastasia

Interactive Multimedia-Based Learning Materials Innovation for Teaching Basic Techniques in Analysis 132-134

Yuni Chairani

The Effect Model of Learning and Learning Interest Against the Results of Learning the Knowledge of Nature Primary School (SD) in Medan T.A 2019/2020 135-139

Mida Lishanata

Development of Interactive Media in Arabic on the Material Read Class VIII of MTs Darul Hikmah T.A 2019/2020 140-143

Nurul Amri

The Influence of Leadership Behavior, Work Motivation, Job Stress, and Job Satisfaction on Lecturers' Performance 144-146

Hanafiah

Developing Big Book as Reading Materials Based on Thematic Approach for Fourth Grade Students at SD Negeri 028068 Binjai East Binjai Regency Langkat 147-149

Utari

The Development of Textbook Based on Research About the Insect Pollinator on Chili Paper (*Capsicum annum L.*) 150-154

Fitriatul Aspahani

Gratitude Expressions and Responses used by the Characters in the Vow Movie 155-158

Sabrina Octavia Pandingan

Subtitling Strategies Used in The Meg Movie Texts 159-164

Devi Sucina Nirwana

Lexical Metaphor in Novel and Film Critical Eleven 165-167

Indah Christiani Silitonga

The Types of Modality in Teaching Learning Process 168-169

Harnida Tanjung

The Effect of Teaching Strategies and Students Motivation on Reading Comprehension Achievement 170-173

Zulkarnain Batu Bara

| | |
|--|---------|
| The Types of Flouting Maxim by Governor Candidates of North Sumatera in Election Debate 2018 | 174-176 |
| <i>Tri Wita Indah Sari</i> | |
| The Effect of Teaching Strategies and Students' Interest on Reading Comprehension of Recount Text of Eighth Grade Students of MTs Qur'an Kisaran | 177-179 |
| <i>Ahmad Fauzi</i> | |
| Flouting Maxims in the Courtroom of Administrative Court | 180-182 |
| <i>Aminah Ari Fadhila</i> | |
| Development of Adobe Flash Learning Media Based on Cooperative Learning to Improve Student's Spatial Ability at Chandra Kumala Secondary School | 183-188 |
| <i>Fajar Sukma Harsa</i> | |
| Improving Results in Learning Bahasa for Poetry Readings with the Implementation of a Direct Learning Model for Fifth Grade Elementary School | 189-192 |
| <i>Dr. Mayske Rinny Liando, S.Pd., M.Pd</i> | |
| Development of Learning Materials Based on Problem Based Learning to Improve Students Problem Solving Ability | 193-197 |
| <i>Poppy Amalia</i> | |
| Analysis Of The Economic Bilateral Relationship Indonesia – China On Balance Of Payments In Indonesia | 198-201 |
| <i>Sri Wulandari</i> | |
| Community Participation in Preservation of City Park The Case of Binjai City, Indonesia | 202-204 |
| <i>Widya Afriani Wiliskar</i> | |
| The Types of Gender Arguments in Instagram (A Case Study of Donald Trump's Political Status) | 205-207 |
| <i>Putri Permata Sari Samosir</i> | |
| The Analysis of Monetary Policy Transmission Mechanism by Exchange Rate Channel in Influencing The Inflation in Indonesia | |
| <i>Putry Sari Rahmadyah Pulungan</i> | 208-214 |
| Translation Technique Applied in Translating the First Call from Heaven Novel | 215-222 |
| <i>Sudariyani</i> | |
| Education Cultural in Bona Pasogit (Ethnographic Study of Education Cultural Inheritance in the Toba Batak Society Marga Panjaitan in Pematangsiantar) | 223-225 |
| <i>Tripresar Jhon Tuan Panjaitan</i> | |
| Evaluation Of Tiered In Order To Increase PAUD Teacher Competence In Medan City | 226-230 |
| <i>Rehmenda Christy</i> | |
| Women Politeness Strategies of Bargaining "Media Credit Store" in Tanjung | 231-233 |

Morawa

Nahdyah Sari Daulay

Toba Batak Language Shift in Rantau Selatan

Helfi Vinawari S

234-236

Development of Interactive Multimedia Digital Storytelling in English Subjects

237-239

Juanda

The Effect of PLAN (Plan, Locate, Add and Note) Strategies on Students' Achievement in Reading Comprehension

240-244

Neneng Nurhamidah

Unggah-Ungguh Code Switching in Kartini Movie

Yutika Sari

245-247

Metaphors in Umpasa of the Toba Batak Wedding Ceremony

248-250

Sactica Oktavyani Sagala

The Effect of Model learning and Gender Against Piano playing Skills for class V SMK Negeri 11 Medan T.A 2019/2020

251-255

Gufran Nurman

The Effect of Cooperative Learning Model Based on Aceh Culture to Improve the Generic Science Skills of Student

256-260

Safitri Raufa

Gender Conversation in Workplace Context

Aisyah Fitriani Dasopang

261-265

Management and Development Quality of Teacher Performance Through Teacher Competence in the First Middle School in Banda Aceh

266-268

Faisal Anwar

Modality used in Beauty Product Advertisements on Instagram Caption

269-272

Indah Eka Sari

Attitudinal Appraisal in Ahok's Speech

Firdha Sabrina

273-276

Appraisal Attitudes by the Judges on Indonesian Idol "Grand Final" Session

Mieta Setieya

277-280

The Development of Virtual Laboratory-Based Learning Media of Biology on The Topic of Bacterial for High School Students

281-284

Lailatussyifa

Analysis of Economic Opening on Rupiah Exchange Rate on United States Dollars (2008-2018)

285-289

Sri Wahyuni

The Manners of Cognitive Process in Translating English Phrasal Verbs Into

290-293

Indonesian

Fitri Ervina Tarigan

Javanese Addressing Terms Maintenance by the Teenager Speakers in Bukit Malintang 294-298

Sudarti Rahayu Ningsih

Appraisal in Students' Argumentative Writing 299-302

Ika Vanesia Siagian

Speech Pauses Used by Male and Female Students in English Oral Examination 303-305

Lamia Deareni

The Development of Guidance and Integrated Science Practicum Kit Integrated Guided Inquiry Model bases Science Process Skills for Class VII Semester I 306-309

Fretty Nafratilova Hutahaeen

Analysis of Biomolecular Practicum Guides According to KKNi Curriculum 310-313

Nurul Indah Pratiwi

The Cognitive Process of Different Gender in Writing Argumentative Text 314-318

Surya Teriadi Tarigan

The Development of Chemistry Lab Guide Book for High School Based on Guided Inquiry to Measure Scientific Attitudes and Science Process Skill 319-325

Gorat Victor Sibuea

The Unnaturalness of the Translatio of Indonesian Tourist Resorts Signs Into English in Parapat and Bukit Lawang 326-328

Iis Aprianti

Grammatical Error of Speech by Students in Bilingual Program of Ma'had Al Jami'ah UIN North Sumatra 329-332

Riyah Shibha Nasution

Speech Functions Used by Male and Female Tour Guides in Their Touring Interaction with Tourists in Bukit Lawang 333-336

Widya Ningsih

Analysis of the Influence of Economic Openness to Indonesia Growth 337-340

Zando Silaban

Design Development and Standard Operational Procedure for Training Model Management of 3 Diploma Mechanical Engineering University of Medan 341-345

Mindo Judica Pangaribuan

The Euphemism in "Sambah Manyambah" Tradition of Minangnese Wedding Ceremony 346-348

Muhammad Fauzi

Analysis of Factors That Influence the Interdiction of District/City in the Province 349-354

North Sumatra

Muhammad Yulhelmy Isra

Development of Interactive Learning Media Based on Adobe Flash CS 6 in Geographic Lessons 355-360

Mardimpu Sihombing

The Comparison between Predict Observe Explain (POE) and Think Pair Share (TPS) Learning Model on Students Learning Achievement, Activity, and Critical Thinking Skill on Human Circulatory System 361-367

Remli Nelmian Simarmata

Metaphor Translation in English and Indonesian Version of Surah Ali Imran 368-371

Uswatun Hasanah

Development of Interactive Media in Arabic on the Material Read Class VIII of MTs Darul Hikmah T.A 2019/2020

Nurul Amri

Technology Education
State University of Medan
Medan, Indonesia
amrymartin@gmail.com

R. Mursid

Technology Education
State University of Medan
Medan, Indonesia

Ibrahim Gultom

Technology Education
State University of Medan
Medan, Indonesia

Abstract— This research aims to find out: 1) results in a quality interactive media on subjects of Arabic as well as worthy of use in learning; 2) the effectiveness of the use of interactive media in the process of learning the Arabic language; 3) results learn Arabic students MTS class VIII on material read using interactive media. The research model used is ADDIE model of development. The results showed (1) adobe flash-based interactive media quality on subjects of Arabic and decent used in learning with a value of $t_{hitung} = t_{tabel} > 4.43 = 4.02$, (2) use effective interactive media used in the process learning Arabic with a value of $t_{hitung} = t_{tabel} > = 4.42 = 4.56$, (3) the results of learning Arabic grade VIII with the material read using interactive adobe flash media is higher than the results of student learning using media powerpoint learning.

Keywords— *Adobe Flash-based Interactive Media; Power point*

I. INTRODUCTION

Attendance and progress of ICT in the era of global communications today has provided assistance for the submission and presentation of learning material or idea can be more interesting and fun. On the other hand, the presence of ICT as new technologies provide challenges to the lecturers and teachers to be able to master it so you can select and use ICT effectively and efficiently in the process of teaching and learning.

Observations of the field by using the method of interview obtained data about the learning process that takes place in the village of Darul Hikmah MTs Meku Pangkalan Brandan Langkat where teaching and learning are still using methods conventional and computer-based media using simple media like textbooks. Learning media use is still insufficient, as well as learning still a monotone was done in class. The condition occurs due to the lack of Arabic language lessons if done learning outside of the classroom as do practical work in the laboratory. When teachers cannot be processed due to a variety of things present, resulting in the lessons discussed arab that tend to be carried out using conventional methods and use

media simple so that student learning outcomes to be not increased.

The use of media content read also media usage is still limited to textbooks. According to Raras (2012), stating that the weakness of media use a textbook is not all material can be explained by the media text books. This is caused by the use of a media text books can not display material read clearly. So on some material which needs a vocabulary from the text that will be read very necessary media capable of showing such things so that the material can be carried with a faster and more understood by students. One of these interactive media that can be developed is to use Adobe Flash. On reading materials, the use of Adobe Flash are very necessary because in reading material where there is a difficult matter is explained if only use media speaking engagements, as well as text books. The reason researchers designing interactive media in the form of program Adobe Flash professional is because students are very rarely obtain video material with dishes that contain text readings in Arabic.

Researchers doing early Observations conducted has found some things that do teachers in teaching the Arabic language for several years, among other learning approach is still too dominated by the teacher (teacher centered), such as more teachers many use the lecture approach without the accompaniment of other approaches. The use of approaches, strategies and methods are less precise with learning materials, as well as the lack of presence of multimedia owned school.

Interactive learning media presence at the current school is useful for the learning process, particularly to deliver material to read on the Arabic lesson at junior level Classes VIII one i.e. using media an interactive computer-based learning with adobe flash software that contains the material read served as attractive as possible. Thus researchers interested in developing adobe flash media on the junior level school students is appropriate and it is understood the child so that the child spared from trouble understanding the material in Arabic. To

reaffirm the conclusions, researchers found preliminary research data to know the potential and conditions of learning Arabic already utilized in MTs Darul Hikmah. The result of the advances given to angket 5 teacher person subjects Arabic and 92 people students class VIII serves the following facts: (1) 75% (3 people) Arabic subjects teachers have yet to understand about interactive media, (2) 75% (3 people) teacher the Arabic language has never been using interactive media in learning process, (3) 100% (4 people) Arabic subjects teachers require interactive learning media in learning Arabic berbasis Adobe Flash, (4) 88% (79 Those Students not yet understood) Interactive media, (5) 100% (92 people) prefer the existence of Siwa learning using interactive media on learning Arabic.

II. METHOD AND RESULTS METHOD

The research was conducted at MTs Darul Hikmah Meku Bay Village Base Berandan Langkat. Development model used is the development of Dick and Carey model (2005). This model allows the citizens learn to be active to interact for setting strategy and type-based learning environment. With form-based learning environments, which are adapted to the context and setting of the surrounding environment or also known as situational approach.

The development procedure is to produce interactive multimedia is divided into 6 stages, namely: (1) Conducting preliminary research, (2) the making of design software, (3) data collection, (4) create and produce interactive multimedia (5) Review or test field in the framework of a formative evaluation and revision of the product. Formative evaluation continued during the development process starting from the stage of the analysis, the production design as well as implementation until retrieved results in accordance with its intended purpose, and (6) test the effectiveness of product.

Type of data obtained in the research and development of a variety of qualitative and quantitative data. Qualitative data in the form of descriptions written suggestions collected comes from the expert instructional design, materials, and media experts. While quantitative data as the basic data collected through the now expert assessment material, material experts, media experts, and product sheets against the now students. The instruments used to obtain data the results of student learning is the learning outcomes tests. The form of the test is multiple choice with a total of 30 items, each correct answer was given a value of 1 (one) and a wrong answer is given the value 0 (zero). The instruments that will be used to test the effectiveness of the use of model-based learning culture, before the cobakan has been tested through the analysis of the details of the question, so that the instrument is said to be good, valid and reliability. For trials conducted on respondents outside of the sample. Way that is is to give tests to 25 students who are selected as respondents to the test. The test results of the study were developed based on the curriculum on subjects KTSP Arabic. The aspects assessed were cognitive ability includes preparation, process and product results.

In a test of the effectiveness of this data obtained are the result of learning students from classes that use multimedia language learning Arabic-based adobe flash. Analytical techniques descriptive technique is used. Descriptive statistical techniques are used to analyze data by way of describing data collected as-is without intending to make general conclusions applicable to generalization.

III. RESULTS AND DISCUSSION

Based on a needs analysis can be concluded that the development of a learning-based adobe media flashpada Arabic subjects are indeed very needed by teachers and students in the learning process. Individual trials to 32 students of class VIII MTS Darul Hikmah Meku Bay Village on the eligibility of the contents of the adobe flash-based learning media on subjects of Arabic there are 81% including the category of good, on aspects of kegrafikan material adobe flash-based learning on Arabic subjects of 81% is included in the category. The results of the assessment against the adobe flash-based learning media on subjects of Arabic in field trials conducted 32orang students, showed that the products developed are used and no viable suggestions and fixes delivered in field trials, so development continued on the revision of the experts.

This is in line with the opinion of the Borg and Gall (1983:772) on the books of Education Reseach An Introduction which States that development research is a research oriented to develop and validate products used in education. This is in line with the research Sanjaya (2013) that Adobe Flash media as a medium of instruction on the subject matter of the particle in Physics lessons for high school students of the school of International Standard. Research methods in this study was the development of a 4 d model (define, design, develop, disseminate) and performed to a limited test development stage. From hasiluji try are limited to 10 students of Class XI IPA 4 SMAN 15 Surabaya obtained positive response assessment of students with average percentage of 95.71%. These results indicate that the adobe flash media has developed decent used as media of instruction on the material particle for high school students.

According to Sudjana * Rivai (2001:2) says that the media can make the teaching process learning of students in the teaching which in turn is expected to heighten the learning outcomes achieved. The reasoning with regard to the benefits of media teaching in the learning process of students, among others: (1) Teaching would be more attracted the attention of students so as to cultivate the motivation of learning, (2) teaching materials will more clearly its meaning so that it would be more understood by the students and allow students to master the objective of better teaching, (3) method of teaching will be more varied, (4) Students doing more learning activities because not just listen to teacher's description but also other activities such as observe, perform, demonstrate and others.

Technological developments also provide innovation in the learning process and also make learning becomes interesting. Learning media development is aimed to attract the attention of students and raise the motivation of students in learning. Learning media can increase interest in learners by utilizing the developed technology at the time now. Therefore, the results in this study produces interactive multimedia-based learning media on lessons in Arabic and decent to use. Adobe flash-based learning media according to Mery (2008) is also a tool used in the learning process by using one of the computer software to be able to make so that students not only hear and see the video but also provide active response so as to allow the occurrence of interaction between teachers, the media, and students so that learning objectives are achieved. Arabic language learning materials created using the software adobe flash would be more interesting.

A media expressed both showed satisfactory results in achieving the objectives that have been determined. In this case then conducted trials of the product in the process of learning to know the effectiveness of media in learning. The effectiveness of media that can be seen from the results of student learning. Miarso (2011:536) indicators that can be used to determine the effectiveness of the learning dalamproses is (a) organizing a good material, (b) effective communication (c) mastery and enthusiasm towards the subject matter, (d) a positive attitude to students (e) granting of fair value (f) flexibility in the approach of learning and (g) the results of student learning. To find out the effectiveness of the product carried out an analysis of the results of the study on 32 students who were taught with the use of adobe flash-based learning media and compared with the results of student learning in a class with dibelajarkan using power point learning media. Based on the analysis, the value of the average dibelajarkan in students who use adobe flash-based learning media is higher than the value of the average students in the class dibelajarkan by using power point learning media.

This is in line with the research Situmorang and Rita (2014) that describes if the use of interactive multimedia based adobe flash better in improving the students ' knowledge and competence in the subjects of English language on without using cloud-based interactive multimedia. The use of cloud-based interactive multimedia allow students to more easily understand the material because of cloud-based interactive multimedia allows students to interact directly, having a picture image, animated backgrounds and the question of whose results can be directly known to students and teachers. In addition, internet-based interactive multimedia is very practical, because it can be carried by students and can be studied at home. This internet-based interactive multimedia can also test the capability and understanding of students directly.

Napitupulu and Kristina (2016) also found if dibelajarkan learning using interactive multimedia exercises and practices to increase student competence in information and

communication technology. When learning, information and communication technology provided by using interactive multimedia exercises and practice to students who have studied the negative motivations would be more easily understood because students will perform exercises that repeated directly after guided by teachers.

Learning with the use of computer-based learning media with adobe flash can cause even the enhance children's interest in learning material notice Tsanawiyah Arabic because with media-based learning computer with adobe flash, the material presented can be designed according to needs of learning, for example showing the key points of the reading material, the layout or layouts made as attractive as possible so that the child becomes more focused on paying attention to the the learning material. Accuracy in computer-based learning using media with adobe flash will add to the interest of the child to pay attention to the learning material.

IV. CONCLUSIONS

That the overall average categorized "SangatBaik" after a few revisions so that the media can be used to test next. The validation results from trials of individuals, small groups and limited field trials against media which developed included within the category of very decent, so it can well accepted and used as a medium of learning and the Learning Outcomes of students with Media Adobe Flash-based interactive learning on Learning Arabic is higher than on the results of student learning by using learning media Power Point.

REFERENCES

- [1] Abdulhak, I., & Dermawan, D. (2015). *Teknologi Pendidikan*. Bandung: PT. Remaja Rosdakarya.
- [2] Al-Khuli, Muhammad Ali. (2000). *Asalib al - Tadrīs Al - Lughah al - 'Arabiyyah*. Beirut : Daral-Fikr.
- [3] Allen, NJ and Meyer, JP. (2003). *Commitment in the Workplace (Theory Research and Application)*. London : Publisher Sage Publications.
- [4] Alwasilah. (2012). *Pokoknya Rekayasa Literasi*. Bandung : PT Kiblat Buku Utama.
- [5] Ausubel, D.P. (2005). *Educational Psychology: a Cognitive View*. New York: Holt, Rinehart and Winston.
- [6] Andi. (2005). Development of Problem-Based Learning Approach of Adobe Flash in Improving learning outcomes in junior High School at Vietnam. *Vietnam Journal of Education & Technology Education*, Vol. 4(5), Hal. 177 – 190. ISSN: 2304-7885.
- [7] Anggraini., Lia dan Kirana Nathalia. (2014). *Desain Komunikasi Visual. Dasar-dasar Panduan Untuk Pemula*. Bandung : Nuansa Cendekia.
- [8] Anggriamurti, R.,A. (2009). *Pembelajaran Transformasi dengan Pendekatan Konstruktivis Untuk Meningkatkan Penalaran Logis Siswa*. Bandung: UPI
- [9] Arief S, Sadiman (2010). *Pengetahuan dan Keterampilan Pembelajaran Adobe Flash*. Bandung. Graha Cipta.
- [10] Arikunto, Suharsimi. (2009). *Prosedur Penelitian Suatu Pendekatan Praktik*. Edisi Revisi 6. Jakarta : Rineka Cipta.
- [11] Arikunto. Suharsimi., dkk. (2008). *Penelitian Tindakan Kelas*. Jakarta: Bumi Aksara.
- [12] Arsyad, Azhar. (2007). *Media Pembelajaran*. Jakarta : PT Raja Grafindo Persada.

- [13] Arsyad, Azhar. (2010). *Bahasa Arab dan Metode Pengajarannya*. Yogyakarta: Pustaka Pelajar.
- [14] Arsyad, Azhar. (2011). *Media Pembelajaran*. Jakarta : PT Raja Grafindo Persada.
- [15] Arsyad, Azhar. (2013). *Media Pembelajaran*. Jakarta : PT Raja Grafindo Persada.
- [16] Arsyad, Azhar. (2015). *Media Pembelajaran*. Jakarta: PT Raja Grafindo Persada
- [17] Asyhar, Rayanda. (2012). *Kreatif Mengembangkan Media Pembelajaran*. Jakarta: Gaung Persada.

