

1st Educational Science International Conference (ESIC 2018)

21st Century Educational Sciences,
Issues on Challenges Towards Industrial
Revolution 4.0

Advances in Social Science, Education and Humanities
Research Volume 224

Samarinda, Indonesia
25-26 September 2018

Editors:

Mukhamad Nurhadi

ISBN: 978-1-5108-8958-3

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2019) by Atlantis Press
All rights reserved.
Copyright for individual electronic papers remains with the authors.

For permission requests, please contact the publisher:

Atlantis Press
Amsterdam / Paris

Email: contact@atlantis-press.com

Conference Website: <http://www.atlantis-press.com/php/pub.php?publication=esic-18>

Printed with permission by Curran Associates, Inc. (2019)

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

SESSION: EDUCATION

| | |
|--|-----------|
| DEVELOPMENT OF MACROMEDIA FLASH HELPED BANNER GAME SNAKE IN MATERIAL SUBJECT OF ACID BASE..... | 1 |
| <i>Lilik Sumartini, Nurlaili, Sugeng</i> | |
| SENIOR HIGH SCHOOL STUDENT’S WRITTEN COMMUNICATION SKILLS TAUGHT BY USING ELPSA LEARNING DESIGN ON THE SUBJECT OF CHEMICAL BASIC LAWS..... | 6 |
| <i>Ratna Kusumawardhani, Dewi Lismana, Muflifah, Sukemi</i> | |
| THE DEVELOPMENT OF PUPPETRY STAGE EDUCATIONAL PLAYING TOOL AS THE MEDIUM FOR TOOTH BRUSHING LIFE SKILLS FOR PRESCHOOLERS | 9 |
| <i>Malpaleni Satriana, Wiwik Haryani, Farny Sutriany Jafar, Masnurrima Heriansyah</i> | |
| THE CULTIVATION OF ENTREPRENEURSHIP VALUES IN CHILDREN AGED 5-6 YEARS AT TK KHALIFAH SAMARINDA | 12 |
| <i>Hasbi Sjamsir, Farny Sutriany Jafar, Anis Alfiah</i> | |
| THE EFFECT OF EXPERIMENTAL SKILLS TOWARD SENIOR HIGH SCHOOL STUDENTS’ CRITICAL THINKING ABILITIES THROUGH DISCOVERY LEARNING MODEL..... | 16 |
| <i>Laili Komariyah, Mira Karimah</i> | |
| TEAMS GAMES TOURNAMENT METHOD IN IMPROVING KNOWLEDGE, ATTITUDE, AND HANDWASHING WITH SOAP PRACTICE ON 3TH GRADE ELEMENTARY SCHOOL STUDENTS..... | 20 |
| <i>Danti Mutia Sari, Sitti Baddrah, Malpaleni Satriana</i> | |
| TOOTH BRUSHING BIG BOOK AS HEALTH PROMOTION MEDIA IN IMPROVING KNOWLEDGE AND PRACTICE TO BRUSH TEETH ON 2TH GRADE ELEMENTARY SCHOOL..... | 28 |
| <i>Dzikri Amalia Nurdianti, Iwan Muhamad Ramdan, Malpaleni Satriana</i> | |
| ANALYSIS OF STUDENT LEARNING OUTCOMES BASED ON FIELD DEPENDENT AND INDEPENDENT COGNITIVE LEARNING STYLE THROUGH QUANTUM TEACHING ASSISTED BY MUSIC ON STOICHIOMETRY..... | 32 |
| <i>Nurlaili, Irhamni Dewi Putri</i> | |
| STUDY OF SELF-CONTROL BEHAVIOR IN EARLY CHILDHOOD AT KB AND TK ISLAMIC CENTER SAMARINDA..... | 36 |
| <i>Budi Rahardjo, Sariani Rahmanillah, Rury Mustifar</i> | |
| THE EFFECT OF LEARNING ENVIRONMENT ON LEARNING DISCIPLINE AND SELF-REGULATION ON STUDENTS’ MATHEMATICAL LEARNING OUTCOMES..... | 41 |
| <i>Abd. Basir Abbas</i> | |
| IMPLEMENTATION OF DEVELOPMENT OF SUSTAINABLE PRIVATE VOCATIONAL SCHOOL (TEAM) FOR PROFESSIONAL TEACHERS OF STATE ELEMENTARY SCHOOLS IN SAMARINDA | 47 |
| <i>Yudo Dwiyono</i> | |
| SEPAK SILA BASIC TECHNIQUE LEARNING THROUGH HOOP TECHNIQUE IN SEPAK TAKRAW GAMES | 51 |
| <i>Ruslan, Rusli, Muhammad Adnan Hudain</i> | |
| THE DEVELOPMENT OF SCHOOL MANAGEMENT MODEL BASED ON BUGIS-MAKASSAR CULTURE (BUMA MODEL)..... | 58 |
| <i>Syamsuddin Mallala</i> | |
| THE EFFECT OF INTEGRATED CIVIL APPROACHES WITH INQUIRY MODEL ON CRITICAL THINKING ABILITY AND COGNITIVE LEARNING OUTCOMES OF SAMARINDA STATE 11 HIGH SCHOOL STUDENTS..... | 61 |
| <i>Elsje Theodora Maasawet, Wahyu Sekti Retnaningsih</i> | |
| COMPARATIVE STUDY ON THE USE OF MACROMEDIA FLASH AND POWERPOINT LEARNING MEDIA USED IN CLASS XI OF SMK 1 SAMARINDA..... | 65 |
| <i>Puput Septianingsih, Suriaty</i> | |
| TEACHERS’ PERCEPTION ON THE MUSIC AND MOVEMENT AND SONG INSTRUCTIONS AT KINDERGARTENS IN SAMARINDA..... | 70 |
| <i>Tri Wahyuningsih, Pratiwi Hidayati, Rina Ayu Marcela</i> | |
| INTEGRATED QUALITY MANAGEMENT PRACTICES IN THE TECHNICAL AND VOCATIONAL EDUCATION IN INDONESIA: A LESSON FROM THE SMKN 7 SAMARINDA, EAST KALIMANTAN PROVINCE..... | 73 |
| <i>Muhammad Yusuf, Muh. Amir Masruhim, Hasbi Sjamsir</i> | |

| | |
|---|------------|
| THE EFFECTIVENESS OF PROBLEM-BASED LEARNING ON BIOLOGY CONCEPT GAINING OF SENIOR HIGH SCHOOL MULTIETHNIC STUDENTS IN SAMARINDA, INDONESIA..... | 77 |
| <i>Didimus Tanah Boleng, Elsje Theodora Maasawet</i> | |
| DEVELOPING SCRABBLE AS A CHEMISTRY LEARNING MEDIA FOR HYDROCARBON SUBJECT MATTER LEARNING USING PROBLEM BASED LEARNING AT SMK MUHAMMADIYAH 3 SAMARINDA | 82 |
| <i>Nur Khairunnisah, Lambang Subagiyo, Usman</i> | |
| THE INTEGRATIVE THEMATIC LEARNING MODEL GUIDANCE IN SCIENCE SUBJECTS TO IMPROVE STUDENT ELEMENTARY SCHOOL | 85 |
| <i>Hartati, Destriani, Herri Yusufi</i> | |
| DEVELOPMENT OF EXISTENTIAL INTELLIGENCE BIOLOGICAL LEARNING DEVICES ON CREATIVE THINKING SKILLS OF CLASS XI STUDENTS OF SAMARINDA 6 STATE SCHOOL | 89 |
| <i>Ratna Sari, Elsje Theodora Maasawet, Muh. Amir Masruhim</i> | |
| STUDENT INTERACTION IN LEARNING MATHEMATICS IN CLASSROOM..... | 97 |
| <i>Usfandi Haryaka</i> | |
| THE DEVELOPMENT OF EXPERT SYSTEM APPLICATION FOR 10TH GRADE ACCOUNTING PROGRAM STUDENTS' BEHAVIOR CONSULTATION AT SMK NEGERI 16 SAMARINDA | 103 |
| <i>Adrianus Florentino Moa, P. M. Labulan, Arif Harjanto</i> | |
| THE QUALITY OF NON-ROUTINE MATH QUESTIONS FOR JUNIOR HIGH SCHOOL IN PARTIAL CREDIT MODEL SCALING | 107 |
| <i>Sugeng, Aulia Ariski Asmawati, Yulia Dewi Arief Fanti</i> | |

SESSION: SCIENCE

| | |
|---|------------|
| ANALYSIS OF VOLUME AND PANELIC TESTS OF QUALITY OF SEWING OIL ON THE DIFFERENCE OF GAHARU TYPE (AQUILARIA MALACCENSIS L.) ON THE PROCESS OF GAHARU OIL DISTILLATION (AS A SUPPORT FOR HIGH LEVEL BOTANY COURSES) | 113 |
| <i>Herliani, Jailani, Rahmatiyah</i> | |
| THE EFFECT OF JOB TRAINING ON THE EMPLOYEE PERFORMANCE AT THE BAZAR STORE LEMBUSWANA MALL SAMARINDA IN 2018..... | 118 |
| <i>Made Ngurah Partha, Christie Stephanie Piar, M. Pajri Al Amin</i> | |
| THE EFFECT OF BRAND EQUITY ON PURCHASING DECISION OF SAMSUNG SMARTPHONE BY THE STUDENTS OF ECONOMICS EDUCATION DEPARTMENT AT MULAWARMAN UNIVERSITY IN 2018..... | 121 |
| <i>Noor Ellyawati, Imahwati</i> | |
| THE MORPHOLOGICAL PROCESSES OF DAYAK TUNJUNG LANGUAGE IN DESA MUARA JAWAQ KECAMATAN MOOK MANAAR BULATN KUTAI BARAT REGENCY | 124 |
| <i>Yusak Hudiyo, Aditia Noviansah</i> | |
| DEVELOPMENT OF MODULE FOR PRENATAL CLASS PROGRAM AND ITS IMPACT TO KNOWLEDGE PREGNANT WOMEN AT THE COMMUNITY HEALTH CENTER..... | 130 |
| <i>Emy Susilawati, Muh. Amir Masruhim, Susilo, Subagiyo, Maridi Lambang</i> | |
| ACHIEVEMENT ON THE ROLE OF COMPETITIVE UNIVERSITY: A CASE STUDY AT MUHAMMADIYAH UNIVERSITY OF EAST KALIMANTAN (UMKT)..... | 137 |
| <i>Anik Puji Rahayu, Lambang Subagiyo, Sestuningsih Margi Rahayu</i> | |
| THE EFFECT OF WORK BEHAVIOR AND WORK TARGET ON LECTURERS PERFORMANCE..... | 143 |
| <i>Haeruddin, Susilo, Edi Rachmad</i> | |
| Author Index | |