

PROCEEDING CONFERENCE

THE 2ND INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION (ICEE)

Theme:
"Global Perspective on 21st
Elementary Education"

Bandung, West Java
6th November 2019



ELEMENTARY EDUCATION PROGRAM
SCHOOL OF POSTGRADUATE STUDY
UNIVERSITAS PENDIDIKAN INDONESIA





SANKSI PELANGGARAN PASAL 113

UNDANG-UNDANG NOMOR 28 TAHUN 2014

TENTANG HAK CIPTA

Setiap orang dengan tanpa hak melakukan pelanggaran hak ekonomi sebagaimana dimaksud dalam pasal 9 ayat (1) huruf i untuk Penggunaan Secara Komersial dipidana dengan pidana penjara paling lama 1 (satu) tahun dan/atau denda paling banyak Rp100.000.000,00 (seratus juta rupiah)

Setiap orang yang dengan tanpa hak dan/atau izin pencipta atau pemegang hak cipta melakukan pelanggaran hak ekonomi pencipta sebagaimana dimaksud dalam pasal 9 ayat 1 huruf c, huruf d, huruf f, dan/atau huruf h untuk penggunaan secara komersial dipidana dengan pidana penjara paling lama 3 (tiga) tahun dan/atau pidana denda paling banyak Rp 500.000.000,00 (lima ratus juta rupiah)

Setiap orang yang dengan tanpa hak dan/atau izin pencipta atau pemegang hak cipta melakukan pelanggaran hak ekonomi pencipta sebagaimana dimaksud dalam pasal 9 ayat 1 huruf a, huruf b, huruf e, dan/ atau huruf g untuk penggunaan secara komersial dipidana dengan pidana penjara paling lama 4 (empat) tahun dan/atau pidana denda paling banyak Rp 1.000.000.000,00 (Satu milyar rupiah)

Setiap orang yang memenuhi unsur sebagaimana dimaksud pada ayat 3 yang dilakukan dalam bentuk pembajakan, dipidana dengan pidana penjara paling lama 10 (sepuluh) tahun dan/atau pidana denda paling banyak Rp4.000.000.000,00 (Empat milyar rupiah)



PROCEEDINGS CONFERENCE THE 2nd INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION

“Global Perspective on 21st Elementary Education”
Bandung, West-Java, 6th November 2019

Elementary Education Program, School of Postgraduate Study
Universitas Pendidikan Indonesia

Keynote Speakers:

Prof. Dato' Dr. Ab. Halim Tamuri

(Rector of Kolej Universiti Islam Antarbangsa Selangor (KUIS), Malaysia)

Prof. Dr. Hans-Dieter Barke

(WWU Munster, Institute of Didactics of Chemistry, Germany)

Prof. Hsin Kai Wu

(National Taiwan Normal University)

Prof. Emi Emilia, M.Ed, Ph.D.

(Head of Center for Language Strategy and Diplomacy Development, Ministry of Education and Culture [KEMENDIKBUD] Republic of Indonesia)

Assoc. Prof. Maitree Inprasitha

(Dean of Faculty of Education and Directory of Center for Research in Mathematics Education, Khon Kaen University, Thailand)



UPI PRESS

UPT Penerbitan dan Percetakan - Universitas Pendidikan Indonesia
Jl. Dr. Setiabudhi No.229 Bandung 40154 Indonesia
Website: <http://upipress.upi.edu> | E-mail: upipress@upi.edu



ICEE-2

PROCEEDINGS

THE 2nd INTERNATIONAL CONFERENCE ON ELEMENTARY EDUCATION

“Global Perspective on 21st Elementary Education”

Bandung, West Java, 6th November 2019

Person in Charge	: Prof. Dr. Syihabuddin, M.Pd.
Council Committee	: Dr. paed H. Wahyu Sopandi, M.A.
Head of steering Committee	: Indra Suhendra, S.Pd.
Editorial Staff	: Irfan Fauzi, S.Pd. Lina Marlina Nur Rizkiya, S. Pd.
Reviewer	: Dr. paed H. Wahyu Sopandi, M.A. Dr. H. Atep SUjana, M.Pd. Al Jupri, S. Pd., M.Sc., Ph.D. Dr. Prana Dwija Iswara, M.Pd. Dr. Isrok'atun, M.Pd. Dr. Rif'at Shafwatul Anam, M.Pd. Dr. Julia, S. Pd., M.Pd. Aan Subhan Pamungkas, M.Pd.
Lay outer	: Indra Suhendra, S.Pd. Irfan Fauzi, S.Pd. Lina Marlina Nur Rizkiya, S. Pd. Sartono, S.Pd.
Design Cover	: Asep Safa'at, S.Pd.

Published by:

UPI Press

UPT Penerbitan dan Percetakan - Universitas Pendidikan Indonesia

Jl. Dr. Setiabudhi No.229 Bandung 40154 Jawa Barat

Telp. (022) 2013 163 Ext. 4502 | Hp. +62 87823617694

Website: <http://upipress.upi.edu> | Email: upipress@upi.edu

First published, February 2020

1896 pages; 21 cm x 29 cm

ISBN 978-623-7776-07-9



UPI Press member of IKAPI and APPTI

Indonesian Publishers Association (IKAPI) and Indonesian University Publishers Association (APPTI)

All rights reserved. No part of this book may be reprinted or reproduced or utilized in any form or by any electronic, mechanical, or other means, now known or hereafter invented, including photocopying and recording, or in any information storage or retrieval system, without the written permission of publisher.



PREFACE

Alhamdulillah, we give thanks to Allah SWT, God Almighty for His permission "The 2nd International Conference on Elementary Education (ICEE)" can be held according to plan. The 2nd ICEE held by the Department of Education at the Graduate School of Universitas Pendidikan Indonesia. The aim of this conference is to accommodate the publication of scientific works, specifically related to the implementation of education in the 21st century.

At the 2nd ICEE, theme that we choose is "Global Perspective on 21st Century Education" the importance of discussion of education in the 21st century will provide input and advice in the implementation of education in Indonesia, so we hope that Indonesian education will not only be able to adapt to changes in the 21st century, but able to create these changes. The main speakers in this international conference are:

1. Prof. Dto'Dr. Ab. Halim Tamuri (Rector of Kolej Universiti Islam Antarbangsa Selangor (KUIS), Malaysia)
2. Prof. Dr. Hans-Dieter Barke. (WWU Munster, Institute of Didactics of Chemistry, Germany)
3. Prof. Hsin Kai Wu (National Taiwan Normal University)
4. Prof. Hj. Emi Emilia, M.A., Ph.D (Head of Center for Language Strategy and Diplomacy Development Ministry of Education and Culture [KEMENDIKBUD] Republic of Indonesia)
5. Assoc. Prof. Maitree Inprasitha (Dean of Faculty of Education and Directory of Center for Research in Mathematics Education, Khon Kaen University, Thailand)

We thank you to all speakers, presenters and participants who have attended, sent and presented papers in this conference, also the reviewer team, the lecturers, the committee, and all parties who have supported the implementation of this activity so that it runs smoothly. This conference book is expected to provide benefits and inspiration for the readers.

With our warmest regards,
Sincerely,



ICEE
INTERNATIONAL CONFERENCE
ON ELEMENTARY EDUCATION

Indra Suhendra
Chairman the 2nd ICEE



TABLE OF CONTENT

	Page
Preface	iv
Table of Content	v
Articles in the conference	
1. Listening Skills of Class IV Students in Science Subject Erna Yuliana, Rahman, Indra Suhendra	1
2. The Role of POE Oriented Science Learning to Correct Misconception about Effect of Temperatur on Water Desity Arminas ZJ, Wahyu Sopandi	7
3. Training Needs Analysis: Enhancing Organizational Development Competence for Elementary School Principals Egi Febrizon, Rusdinal Rusdinal, Hadiyanto Hadiyanto	14
4. Story Book Development with Local Culture Content as Learning Companion for 5th Grade Primary Students Ni Luh Ayu Nitya Laksmi	29
5. Student's Psychological Flexibility Based on Gender Differences in Indonesia Alrefi, Juntika Nurihsan, Nandang Rusmana, Nurhudaya	42
6. The Effect of Quantum Model Learning through The Ability to Finish Mathematics Report Text Question in Elementary School Anggy Giri Prawiyogi, Sani Suhardiman, Hery Supriadi	50
7. The Effect of Cooperative Learning Methods Picture and Picture to Reading Interests Yayan Alpian, Sri Wulan Anggraeni, Farhatun Nisa	56
8. Developing Interactive Storytelling Model to Facilitate Young Learners' Speaking Skills Istikhoroh Nurzaman, Gilar Gandana, Annisa Shofaril Wahidah	64
9. Application of Mind Mapping Learning Models to Improve Students' Reading Skill in 4th Grade of Primary School Indra Suhendra, Rahman, Fauziatun Nazillah, Diska Fratiwi	70
10. The Effect of Concrete-Pictorial-Abstract (CPA) Approach on The Decrease of Mathematical Anxiety in Primary School Hafiziani Eka Putri, Idat Muqodas, Mukhamad Ady Wahyudy, Fitri Nuraeni	80
11. Development of Pop-up Book Media Folding Symmetry and Rotating Symmetry for Class III Students Basic School Karlimah, Yusuf Suryana, Dewi Hardianti, Luffi nur	94
12. Biology Teacher's Perception in Accommodating 21st Century Learning Demands Handi Suganda, Riandi, Widi Purwianiangsih	103
13. Can Cosplay in Story-Telling Improve Student's Listening Skill in Listening to Stories Learning? Diksi Valiant	112



ICEE-2

14. Integrating Disaster Alert Kindergarten Watching into Preschool Education: Designing a Professional Disaster Mitigation Education Model to Early Children
Lina Amelia, Fitriah Hayati, Musdiani, Sri Milfayetti, Ichsan 124
15. Discourse toward revising mathematics curriculum in Indonesia from Six Universal Mathematical Activities' Perspective
Mulia Putra..... 138
16. Improved Speaking Skills through The Use of Models of Example Non Example in Students of Grade III Students Elementary School
Wiwin Nurwaeni, Isah Cahyani, Rahman 152
17. Ibn Khaldun's Concept of Education in Relevance of National Education System
Annisa Nur Rahmani, Aam Abdussalam, Pupun Nuryani 164
18. The Role of Teacher Pedagogic Competence in Improving Student Learning Achievement in Elementary School
Diantika Gustisari, Babang Robandi, Y.Suyitno 174
19. Teacher's Professional Competence
Anisa Fitria Rahmawati, Pupun Nuryani 186
20. Ensuring CT With Three-Dimentional Integrated Assessment
Rizki Hikmawan, Ayi Suherman, Nuurwachid Abdul Majid, Taufik Ridwan 195
21. The Implementation of Multi-literacy of Literature Based on Mother Tongue Model in Reading Historical Narrative Text to The Elementary Students' Higher Order Thinking Skill
Evita Meylani Awalia, Rahman, Prana Dwija Iswara 202
22. Traising Pesantren Poetry as a Cirebon Teaching Material, Study of Nadoman Poetry Text Structure in The Aurodan Tradition of Asy-Syhadatain Cirebon
A. Maskur S, Sumiyadi, Iskandarwassid, Tedi permadi..... 211
23. Rational Emotive Behaviour Therapy Counselling with Imagery Technique to Improve Resilience of Teenage as Victims of Divorce
Rena Andini, Anne Hafina, Euis Farida 220
24. Increased Critical Thinking Ability through Problem Based Learning with Determining Factors
Slameto 237
25. Values of Betawi Ethnic Local Wisdom as a Source of Geographic Teaching Materials
Pref Bambang Tawakal, Enok Maryani, Nandi 251
26. The Relationship Between Multiple Intelligences with Higher-Order Thinking Skills
Uswatun Sholiah, Saefudin, Didik Priyandoko 257
27. Literature Study of The Influence of Project-Based Learning (PjBL) Models on Creative Thinking Ability of Students
Rizal Subelli, Sapriya 270
28. The Influence of Image Media on The Ability to Write Fairy Tales
Sri Wulan Anggraeni, Yayan Alpian, Depi Prihamdani, Heri Nawawi 276



ICEE-2

29. The Development of Student's Worksheet Oriented Scientific Approaches for Primary School and it's Application
Aan Subhan Pamungkas, Try Laksmi Juniarti, Trian Pamungkas Alamsyah 286
30. Digital Literacy Skills of Teachers in Elementary School in The Revolution 4.0
Hana Iestari, Ridwan Siskandar, Ima Rahmawati 302
31. Effect of Inquiry Model on Mathematical Critical Thinking Ability of Primary School Students
H S Pratiwi, S Prabawanto..... 312
32. Utilization of Augmented Reality as an Interactive Media in The Learning of Fine Arts in Elementary School Education Students
Jenny Indrastoeti Siti Poerwanti, Tri Budiharto 324
33. The Effect of Tsunami Monument Utilization of PLTD Ship Apung as a Source of Learning to Improve Students Understanding of Mitigation Earthquake and Tsunami Disaster
M. Firman Irha, Darsiharjo, Dede Sugandi 332
34. Development of E-Module Based on Cirebon Local Environment in Fostering Eco-Literacy of Student
Ovi Syafiatul Maulana, Hertien Koosbandiah Surtikanti, and Amprasto.338
35. Development of Numerical Logic Textbook Containing Characters through Elementary School Students' Thinking Analysis
Lina Wijayanti 353
36. Didactic Design on The Sircumference and Area of Plane in Grade 4 Elementary Education
Irfan Fauzi, Indra Suhendra, Lina Marlina Nur Rizkiya, Sartono Asep Safa'at..... 365
37. Sufism-Based Multicultural Education for The Peace of Indonesia
Hadarah, Soleha 377
38. Development of the internalization of the character of responsibility through cooperative learning models in elementary school students
Anindya Widita, Ahmad Juntika Nurihsan 387
39. Character Education Behind The Function and Value of Cirebonan Tarling Art
Khoirul Fajri, Sumiadi, Dadang Sunendar, Iskandarwassid 395
40. Critical Thinking through Discovery Learning
Asep safa'at, Turmudi, Indra suhendra 402
41. The Effect of Environment Literacy in Thematic Learning on Writing Skills and Attitude to Fourth-Grade Elementary School Students
Endang Widi Winarni, Daimun, Endina Putri Purwandari, Sigit Sucipto .. 413
42. The Factors of Creative Thinking High School Students In West Java
Mutiya Oktariani, Dadang Dahlan 423
43. Google Earth Utilization in Increasing Spatial Literacy of High School Students
Hilda Hamdanah 436
44. Introduction "Mangrove" Ecoliteracy for IPS Learning on Elementary School



ICEE-2

	Ignasia Anggi Herawati, Nana Supriatna, Sulastri	447
45.	Improving The Skill of Reading Understanding Using Directed Reading Thinking Activity Strategy (DRTA) Grade IV SD Inpres Bangkala II Kecamatan Manggala Kota Makassar Perawati Bte Abustang, Nurhadifah Amaliyah, Waddi Fatimah, Muh. Rahmat.....	453
46.	The Impact of Thematic Learning using Index Card Match Instructional Model on Students' Conceptual Understanding Yuyu Hendawati, Tati Sumiati, Suko Pratomo, Fitri Nuraeni, Yanti Susilawati	459
47.	The Student Cognitive Load in Teaching and Learning of Plant Tissue Using The Time-Based Resource Sharing Model Maya Amelia Febriani, A. Rahmat, E. Nuraeni	473
48.	The Influence of GIS Learning Material on Spatial Thinking of Students in SMA/MAN Banda Aceh Muhammad Falik Arsa, Dede Sugandi, Lili Somantri	480
49.	The Effect of Mathematics Teacher Performance and Student Attitude to Mathematics Teacher toward Student Mathematics Reasoning Ability Muhamad Galang Isnawan	486
50.	Development of Moral Reasoning Using Cognitive Behavioral Therapy Royhanun Siregar, Agus Taufik, Yusi Riksa Yustiana	495
51.	The Effect of Multiliteracy Learning on Mathematical Literacy Skills of Elementary School Students Lily Auliya Puspita, Isah Cahyani, Rahman.....	506
52.	Effectiveness of Scientific Learning Guided Inquiry Devices Based on Real Media to Improve Understand Concept and Skills Process of Science Students Susilawati, Aris Doyan, Putu Artayasa, Hary Soeprianto, Ahmad Harjono, Kartini	517
53.	Transition in Early Childhood Education Regita Musfita, Ocih Setiasih	525
54.	Execution of Students' Plans in Mathematical Problems Solving Sela Wahyuni, Jarnawi Afgani Dahlan	536
55.	Analysis of Difficulty of Mathematical Material in Primary Schools on Rounding Length and Weight Measurement Result to the Closest Denomination Lianni Gustia Utami, Turmudi, Mochamad Tubagus Ismail	542
56.	Analysis on Student Comprehension Level to Activities of Group Guidance Service Siska Damayanti, Budi Astuti	551
57.	Implementation of Addie Models to Determine The Learning Method to Improve Students 'Ability to Read Map Lina Herlina Apriliyani , Enok Maryani, Epon Ningrum	556
58.	Application of Problem Based Learning (PBL) Model to Improve Cultural Literacy Capabilities of Elementary School Students Devianeu Wisdiasusi Septiani , Bunyamin Maftuh	566



ICEE-2

59. The Implication of ICT (Information and Communication Technology) based learning to increase students' learning motivation
Marlina Eliyanti, Mas Dodi 581
60. Higher Order Thinking Skill (HOTS): One of the Competencies Which Becomes the Purpose of Implementing the 2013 Curriculum (*An Analysis of the Relationship between Philosophy, Policy, and Implementation*)
Francis Sawan, Esmi Tsalsa Sofiawat, Suryadi, Nurhattati Fuad 592
61. The Effectiveness of Mathematics Learning with Contextual Approaches for The Topic of Straight Line Equation in Junior High School
M K Lutfi, M Darwis M, H Syam, S Prabawanto 598
62. Polite Speech Acts as a Behaviour of Value of Strengthening Character Education Program in Elementary Schools
Andayani, Makruf Akbar, Robinson Situmorang 611
63. Student Difficulties in Addition and Subtraction of Two Digit Numbers
Rohma Mauhibah, Karso 618
64. Patterns of Writing Tests in Science Concepts: Development by Teacher Candidates in Elementary Schools
Ghullam Hamdu, Dessy Hardiyan, Ade Yulianto 624
65. The Value of Thematic Song Lyrics Character Education in 2013 Curriculum Books as a Praxis-Implementative Reference to Art Creation (Music)
Yulianti Fitriani, Novi Listiyani, Dedy Satya Hadianda, Gempur Sentosa..... 633
66. Multiple Intelligence Potential and Influencing Factors for Elementary School Students Analysis
Nurani Hadnistia Darmawan, Hilman Hilmawan 643
67. The Effect of Nutritional Status on Gross Motor Skills Development in Early Childhood
Nurul Kintani Ishud, Nur Faizah Romadona 664
68. Teaching Good Character in Early Childhood Education through Construction Activities and Dramatic Play
Nur Faizah Romadona, Ocih Setiasih, Ernawulan Syaodih 675
69. CIRC for Improving Reading Comprehension Skill in 4th Grade Elementary School Students
Tisna Budiarti, Udin Syaefudin Sa'ud, Isah Cahyani 683
70. Learning Reading The Beginning Using Educative Game Media Learning Reading Current Android Versions
Fifi Sri Ratu Afiyati, Prana Dwija Iswara 689
71. School Leadership Strategy and Strategic Planning in Early Childhood Education at the Industrial Revolution 4.0 Era in Character Building (*Case Study at Tri Daya Cimahi Kindergarten*)
Cucu Jajat Sudrajat, Mubiar Agustin..... 698
72. Analysis of Male Principal's Leadership Style on Early Childhood Education



ICEE-2

	Dede Karsa, Mubiar Agustin	710
73.	Misconceptions of Elementary School Students about Fractions Fitriyanti, Cut Morina Zubainur, Anwar, Novianti	720
74.	Application of Realistic Mathematic Education (RME) Approach in learning Mathematic to Improve Student Learning Outcomes Ratna Purwati	729
75.	The Impact of Search, Solve, Create and Share (SSCS) Learning Model on Mathematical Visual Representation Ability of Junior High School Students D Nurjannah , S Prabawanto	737
76.	The Value of Local Wisdom Managing Natural Resources in Lake Toba as a Source of Learning Geography Lenda Janed Saragih, Lili Somantri, Ahmad Yani	744
77.	Aggressive Behavior in Children: A Review of the Literature Muhammad Naufal Fairuzillah, Aan Listiana	752
78.	The Implementation of School Literacy Program and The Condition of Vocational School Students' Reading Interest Hana Riana Permatasari, Johar Permana, Siti Khozanatu Rohmah	762
79.	Strategy <i>Coaching Clinic</i> Solutions Improving Teacher Ability in Writing Scientific Publication Robiatul Munajah , Kiki Budiana	775
80.	The Ray of Light: An Activity Approach of Reggio Emilia Zulma Aimmatul Mahshulah, Ernawulan Syaodih, Yeni Rachmawati	785
81.	Algebraic Thinking Ability of class 7 SMP on Material Algebraic Form FH Hasibuan, D Dasari	791
82.	Theoretical Aspects of Ecological Intelligence Development of Students in Elementary Schools Hari Ahmad Zulfikar, Nana Supriatna, Iyus Nurbaeti	803
83.	An Analysis Of Mathematical Representation Skills In Solving Problems Of Systems Of Linear Equations In Two Variables Novia Permata Barti, Dian Usdiyana	814
84.	Analysis of Problem Solving Abilities of Junior High School Students on the HOTS Problems Nenden Chiarun Nisa, Endang Cahya Mulyaning	824
85.	Phenomenology Study: Developing Intrapersonal Intelligence Through Multicultural Values In Early Childhood At Yos Sudarso Kindergarten In Purwakarta Regency Hayani Wulandari, Gia Nikawanti, Idat Muqodas	834
86.	Epistemological Obstacle on The Material of Circumference and Area of Plane in Grades of 4 and 5 of Elementary School Irfan Fauzi, Didi Suryadi	844
87.	Group Counseling with Humanistic Approach to Improve Santri Self-Adjustment Sunarti T, Yustiana Y.R, Nurhudaya	854



ICEE-2

88. Conceptual Changes of Fifth Graders towards Water Properties Concept in Mixed Materials through The Implementation of *Predict-Observe-Explain* Strategy Assisted by Science Kits
Isti Sobariah, Andi Suhandi, Wahyu Sopandi..... 866
89. Implementation Inquiry Model with *Examples and Non Examples* to Enhance The Mathematical Conceptual Understanding of Primary School Students
Tegar Ananda, S. Prabawanto..... 879
90. Development of Children's Songs Using Musescore Applications in Learning Aspect of Development for Early Childhood
Mahyumi Rantina, Hasmalena, Yosef..... 889
91. The Application of The Teaching Contextual Learning (CTL) to Increase The Motivation to Study Primary School Student
Riza Fatimah Zahrah, Yusuf Suryana, Enok..... 893
92. Gratitude in Hajat Bumi
Sinta Maria Dewi, Bunyamin Maftuh..... 903
93. Students Error Analysis in Solving Mathematical Communication Problems of Square and Triangle Material For 7th Grade Based on Watson Criteria
Hunaifi, Darhim..... 914
94. Model of Social Multiliteracy Learning: A Solution Developing Critical Thinking Skills in The 21st Century Context
Ghani Muhammad Fauzi, Disman, Rony Wirachman..... 925
95. Sundanese Ethnomatemics Learning In Improving Mathematical Literacy Ability of Elementary School Students
Mufidah, Karso..... 933
96. Validation of a Scale on Pupil Wellbeing at the Elementary Schools
L. Kaluge, Setiasih..... 941
97. Effect of Effectiveness of Application Used Cooperative Learning Model Type Numbered Head Together (NHT), Teams Games Tournament (TGT) and Course Review Horay (CRH) against Increased Critical Thinking Skill of Students
Experimental Study in Class fifth grade Social Science Subject In Cluster three Sub District Garawangi, Kuningan Regency)
Yani Fitriyani, Nana Supriatna..... 955
98. The Importance of Hardiness For Students In 21st Century
Rissa Fadhilla Rakhmi, Solehuddin, Anne Hafina A..... 969
99. Parental Self-Efficacy in Educating Elementary School Children
Yosef, Hasmalena, Sigit Dwi Sucipto..... 977
100. Improvement of Student Ecoliteracy through Contextual Teaching and Learning Based on Outdoor Study in Elementary Social Studies Learning
Iyus Nurbaeti, Nana Supriatna, Hari Ahmad Zulfikar..... 986
101. Promoting Gender Equality through Citizenship Education in Elementary School
Nurul Febrianti, Elly Malihah 998



ICEE-2

102. Analysis of Teacher's Readiness in Implementing Learning Based on Science Technology Engineering and Mathematical in Children of Early Age
Ratu Yustika Rini , Ernawulan Syaodih..... 1011
103. Role of Literation in Post-Disaster Recovery
Novita Sari, Euis kurniati 1020
104. Are the fractions difficult? A case study at Elementary School 033 Asmi
Sartono, Karso 1029
105. Science Concepts in Early Childhood Education
Diah Nurkholisoh1044
106. Society 5.0: Is It High-Order Thinking?
Ahmad Supendi, Nurjanah 1054
107. Implementation of Bioentrepreneurship Learning Using Comics to Improve Creative Thinking Skill on the Sub Concepts of Angiosperms for High School Students
Yuliana Putri 1060
108. Improving Reading Skills Using Media Compic (Computer Picture) in Elementary Schools
Lili Fajrudin, Tatat Hartati 1071
109. Evaluation of School Committee Program in Improving Elementary School Teacher Performance
Udit, Zulela MS, Endry Boeriswati..... 1079
110. The 10th Grade Students' Folding Back Process in Solving Contextual Mathematical Problem
W Widyastuti, A Hasanah 1099
111. Integrated Islamic School Curriculum Analysis Investigated from The Perspective of Students' Skill in The Industrial Revolution 4.0 Era
Wulan Tini, Heny Djoehaeni 1113
112. Comprehensive Guidance And Counseling In Improving The Resilience of Students
Yenti Arsini, Ahman, Nani Suganhi, Nurhudaya 1120
113. Impact of Revitalization of Social Cultural Changes in Culture (Case Study in Serang Village Kasemen Banten)
Bayu sampurna, Achmad Hufad, Siti Komariah..... 1128
114. Father Involvement in Early Childcare: review of the literature
Muthia Sari, Aan Listiana 1136
115. Digital Based Guided Note Taking Toward Preservice Elementary Teacher Retention on Science
Leo Muhammad Taufik, Noor Novianawati 1141
116. Effectiveness of Activities 3R (Reuse, Reduce, Recycle) in Improving The Ecoliteracy of Students in Elementary School
Harmawati, Yulistina Nur DS 1149
117. Teachers Understanding of HOTS Based Assessment in Elementary Schools
Suratmi, Laihat, Asnimar, Ela Okta Handini1157
118. Profile of Student's Self-Acceptance and Their Habits of Minds
Suprih Widodo, Dian Permata Sari, Rizki Hikmawan,



ICEE-2

Nuur Wachid Abdul Majid	1165
119. The Application Of Cooperative Learning Model Think Pair Share (TPS) Type To Improve The Ability Of Understanding Science Concepts In Primary School	
Tati Sumiati, Yuyu Hendawati, Jennyta Caturiasari, Meli Yulianingsih ..	1177
120. Application of Number Head Together (NHT) Learning Method in Mathematical Learning in Inclusive Settings in Class IV SDN 100 Cipedes, Bandung City	
Havid surya, Musjafak Assjari	1190
121. Teachers' Perspective on Learning Based Digital Literacy	
Indra Suhendra, Prana Dwija Iswara, Sartono	1204
122. Developing Listening Skills through Lesson Study at Gagah Ceria Elementary School, Bandung Indonesia	
Juliasih Hizbar	1217
123. Development of Ecological Intelligence of Elementary School Students using Problem Based Instruction	
Rony Wirachman, Sapriya, Ghani Muhammad Fauzi	1224
124. Improving Students Achievement on Social Science by Using Cooperative Learning Method	
Ino Budiartman, Ary Patriasurya	1234
125. Analysis of Remedial and Enrichment of Mathematics Teaching in a Junior High School in Bandung	
Meri Andini, S Prabawanto	1245
126. Strategy for Enhancing Quality of Labor through Technical Vocational Education & Training Faces Industry 4.0 Challenges	
Yeni Nuraeni, Yuniarti Tri Suwadi	1255
127. Development of an ICT-based Interactive Training Module in Improving Organizational Development Competencies for Elementary School Principals	
Nilawati Nilawati, Rusdinal Rusdinal, Ahmad Subandi	1273
128. An Analysis of Grade IV Elementary Students' Reading Comprehension Skills in Narrative Texts	
Rafni Fajriati, Bachrudin Musthafa	1284
129. Art and Culture in Character Education	
Ridwan, Taty Narawaty, Uus Karwati, Yudi Sukmayadi, Gia Nikawanti	1292
130. Improving Creative Thinking Ability of Prospective Elementary School Teachers through Read-Answer-Discuss-Explain-and Create (RADEC) Project-Oriented Learning Model	
Septinaningrum, W Sopandi, M Agustin, Y Gumala, P Anggraeni, A H Rahayu, Tursinawati, L Nugraha	1298
131. LKPD Analysis of HOTS Type in Mathematics Learning for Elementary School Grade IV	
Siti Hawa, Toybah, Suratmi, Khairunnisa	1309
132. Implementation of Techno Pedagogy Approach-Based Multiliteration Models in Improving The Skills of Writing The Narration of Elementary School Students	
Sulastri, N. Tatat Hartati, Ignasia Anggi Herawati	1318



ICEE-2

133. Realistic Mathematics Education Toward Mathematical Communication Skills of Students using Hypothetical Learning Trajectory
Winarti Dwi Febriani, Geri Syahril Sidik 1327
134. "Is it True That The Soil Contains Air?"
(Improving The Conceptual Understanding of 5th Graders Through POE Strategy)
Tintin Desiyanti, Andi Suhandi, Wahyu Sopandi, Ersya Novianti 1336
135. First Grade of Secondary School Students Creativity in Solving PISA Question with Social Context
S N Shadiqah, C M Zubainur..... 1349
136. The New Working Alliance Inventory-Short Form for Multicultural Counselor's Candidates in Indonesian Culture
Herdi Herdi, Sunaryo Kartadinata, Agus Taufiq 1356
137. Application of E-Learning Based on Constructivism Approach to Understanding of Student Concept in The Study of Social Students
Fitri Anjaswari, Yuli Mulyawati, Tustiyana Mulyawati, Fitri Siti Sundari 1365
138. The Use of Cultural Character (BARAYA) Media Ki Banten in Social Studies Learning to Improve Student Characters (Case Study at Primary School Labschool UPI Serang Campus)
Encep Supriatna, Susilawati 1376
139. Improving Observing and Communicating Skills Through the Implementation of Problem Based Instruction on Learning Biology in Senior High School
Mutiara Ramadhan 1384
140. Analysis of 4th Grade Elementary Students' Social Emotional Skills
Lina Marlina Nur Rizkiya 1395
141. Study Literature of The Influence of The Development Social Skills Elementary School Students to The Competence Pedagogic Teacher on Social Science Learning
Sofyan Nur Mahardhika, Udin Syaefudin Sa'ud 1403
142. Kawih Asuh Barudak: Innovative Media of Sunda Learning in Elementary School
Dian Hendrayana, Agus Suherman 1410
143. Utilization of Waste through Ecoliteration Approaches Based on High-Thinking Skill in Elementary School
Deden Redi Budiana, Agus Muharam, Moch. Irfan Hikamudin 1417
144. Effect of The Use of Interactive Multimedia Learning Media on Student Learning Outcomes (Quasi-Experimental Study on Theme Subtema 2 of Grade IV Science Content in Lebakwangi Elementary School 2, Kuningan District)
Eli Hermawati, Marlina Eliyanti, Aris Setiawan 1428
145. Describing Mathematical Communication Ability, Logical Thinking and Student Learning Outcome of Class V Elementary School in Sombaopu Makassar
Agustan Syamsuddin, Armanda Bahtiar, Irwan Akib 1435



ICEE-2

146. The Effect of Learning Using Script Methods and Cooperative Articulation Methods Against Student Mathematical Learning Outcomes
Herayanti, Wahyudin 1446
147. Analysis of Learning Materials for Civic Education in development character in elementary schools
Arrofa Acesa 1451
148. Effect of Active Learning Strategy Type Card Sort of Understanding The Concept of Students
(Quasi-Experimental Study in Elementary School Fourth Grade Cigedang on Scene 7 IPS Subtheme 1 Education Academic Year 2018/2019)
Mia Zultrianti Sari, Camelia 1460
149. Profile of Primary Students' Conceptual Change about Water Dissolving Various Substances
Ita Rosita, Andi Suhandi, Wahyu Sopandi 1470
150. The Use of Monopoly Media in Social Students to Improve Motivation and Learning Outcomes of Elementary School Students
Yuli Mulyawati, Resyi A Gani 1480
151. The Nationalism Values in *Pupuh* Lyrics for Elementary School Students
Agus Suherman, Suharno 1496
152. Digital Literacy as a Media to Introduce Technology for Elementary School Children
Ahmad Fauzi, Taufik Ridwan, Pramanita Sholihah 1507
153. Class Management of Learning Models Design in Elementary School: Research Results Metasynthesis
Nurchasanah, Suyono, Nurul Murtadho, Zakia Habsari 1519
154. Mathematics Literacy and Storytelling
Fitri Anisa Kusumastuti, Bambang Avip Priatna 1533
155. Improving Sastra Literature in Poetry Learning through Outdoor Learning for S-2 Elementary Education Students
Abdul Muktadir, Nady Febri Ariffiando 1542
156. Building School Optimism and Responsibility in Quality Education
Esmi Tsalsa Sofiawati, Bedjo Sujanto, Suryadi..... 1556
157. Community Empowerment Strategy In Bangkit Bersama Cooperation
(Case Study of the Waste Management and Water Hyacinth Craftsmen Empowerment Program)
Rika Fitri Ramadani, Ade Sadikin Akhyadi, Nunu Heryanto 1567
158. An analysis of HOTS in the 5th grade elementary school students' learning with RADEC model with the theme of "electricity around us"
Anggi Lestari, Andi Suhandi 1574
159. Implementation of Story Method in Introducing Prosocial Behavior Students in Elementary School
Agis Maulana Yusup, Agus Muharam, Moch. Irfan Hikamudin..... 1583



ICEE-2

160. Application of The Emilia Reggio Approach (REA) Assisted by Flash Card Media to Improve The Mastery of Indonesian Vocabulary in Children Ages 5 to 6 Years
Dian Sudaryuni Kurnia, Andoyo Sastromiharjo, Yeti Mulyati, Vismaia Damaianti..... 1597
161. Learning Gurindam Dua Belas Based on Role Playing with Audio Visual to Strengthen Social Sensitivity Value of Students
Zaitun, Kama Abdul Hakam, Sudardja Adiwikarta, Yadi Ruyadi 1607
162. Implementation of Read-Answer-Discuss-Explain-and Create Learning Model In Learning Explanation Text In Elementary School
Dadan Setiawan, Wahyu Sopandi, Hany Handayani 1612
163. The Impact of Science Learning Multiliteration Model Based on Futuristic Pedagogic Approach to Metacognition Ability of Basic School Students
Yusuf Tri Herlambang, Yunus Abidin, Asep Herry Hernawan, Dadan Setiawan 1620
164. Portrait of Multiliteracy Learning in Elementary School Students
Muh Erwinto Imran, Wahyu Sopandi, Diana Putri Azwan 1528
165. A Portrait of the Engineering-Oriented Natural Science Lesson Plan for Teaching and Learning in 5th Grade Elementary School of Elementary Laboratory UPI Bandung
Chaerun Anwar, Wahyu Sopandi, Udin Saefudin Sa'ud, Wiwi Tin Pratiwi 1635
166. The Effect of The Use of DLM (Digital Learning Material) on Social Studies Learning Outcomes of Fifth-Graders
Hatma Heris Mahendra, Riga Zahara Nurani 1642
167. Investigating The Use of Knowledge Assessment Rubrics in Vocational Schools in Mathematics Learning
K Harsela, T Herman 1652
168. Pedagogical Competence: Reflective Action For Improving The Quality Of Students 'Learning In Elementary School Teachers at Universitas Terbuka
Alpin Herman Saputra, Teguh 1673
169. The Creative Ability of Student through Contextual Based Social Science in Class IV Primary School
Elis Nur Elisah Amaliyah, Sapriya, Wahyu Sopandi, Atep Sujana 1681
170. Didactical Design to Complete the Story Questions on FPB in Elementary School
Ai Yani Rohayani, Tatang Herman..... 1688
171. Didactic Design of Material Cubes and Beams Volume Elementary School Students Class V
Asep Kuniawan, Tatang Herman 1694
172. Control Concepts and Creative Thinking Skills Basic School Students Through RME Learning Approaches
Asih Kurniasih, Mubiar Agustin, Wahyu Sopandi, Atep Sujana 1705
173. Empowerment of CIRC Model in Building Competency Writing Prosa-Based Video
Dewi Sugiarti, Rahman, Wahyu Sopandi, Atep Sujana..... 1719



ICEE-2

174. Improvement of Creative Thinking at Elementary School Students Based on Problem Based Learning about Plane Area
Dian Permanawati, Udin Saefudin Sa'ud, Atep Sujana 1726
175. The Application of Read-Answer-Discuss-Explain-and Create (Radec) Models to Improve Student Learning Outcomes in Class V Elementary School on Human Respiratory System
Dian Sukmawati, Wahyu Sopandi, Atep Sujana 1734
176. Critical Thinking Skills of Fourth Grade in Light Properties Materials through the Radec Model
Dina Karlina, Wahyu Sopandi, Atep Sujana 1743
177. Changing Shape Design Materials Didactic Fractions in Primary Class IV
Mamay enung Heryasih, Tatang Herman 1754
178. School Literacy Movement in the Industrial Revolution Era 4.0 in Building Speed Reading Skills
Eva Walipah, Rahman, Wahyu Sopandi, Atep Sujana 1763
179. Students' Speaking Skill Based on Video in Elementary School
Iin Kuraesin, Rahman, Atep Sujana, Wahyu Sopandi, Indra Suhendra.. 1771
180. The Didactical Design of Fractions Addition Operation Using RME
Inggrit Gantina, Tatang Herman 1779
181. A Multiliteration-Based Scaffolded Writing Model on Learning to Write a Personal Letter at Kanggraksan Elementary School in The City of Cirebon
Mega Mugi Rahayu, Rahman, Wahyu Sopandi, Atep Sujana 1791
182. Students' Literacy Abilities in Reading Comprehension through Cooperative Integrated Reading Composition (CIRC) Model
N Maryani, Atep Sujana, Wahyu Sopandi, Rahman 1799
183. Science Process Skills of Grade VI Elementary Students in Object Changing Material
Neni Winarni, Wahyu Sopandi, Atep Sujana, Agus Muharam 1810
184. Application of Constructive Models to Increase The Writing Skills of Grade VI of Elementary School Students
Otong Cahya, A Muharam, Atep Sujana, Wahyu Sopandi, Rahman 1817
185. Critical Thinking Elementary Students Related Digestive System Material in Humans through Learning Problem Posing
Rida Rosiana Wati, Udin Syaefudin Sa'ud, Wahyu Sopandi, Atep Sujana 1829
186. Critical Thinking Ability through Problem Based Learning in Social Studies Learning in Elementary School
Ropiah, Sapriya, Wahyu Sopandi, Atep Sujana 1836
187. Analysis of Science Literacy Skills Students of Class V Elementary School and Factors That Background IT
Rukoyah, M.Agustin, Wahyu Sopandi, A sujana 1843
188. Application of Stem in Improving Mastery of Mathematics Concept of Speed Materials at Elementary School Grade (Class) V
Sirojudin Abas, Mubiar Agustin, Rahman, Sopandi Wahyu, Sujana Atep 1852



ICEE-2

189. Application of Problem Based Learning Models To Improve The Innovative Ability Of Basic School Students
Wawan Setiawan, Udin Syaefudin Sa'ud, Atep Sujana, Wahyu Sopandi 1862
190. Primary School Storytelling Skills Based on Local Wisdom
Wini Sopiantini Sudrajat, Atep Sujana, Wahyu Sopandi, Rahman..... 1868
191. Creative Thinking Ability of V Grade Students through Mind Mapping Learning Model
Hany Handayani, Erni Purnamawati, Wiwin Winarti, Indra Suhendra 1868
192. Analysis of Students' Mathematical Critical Thinking Based on Gender in the Topic of Linear Programming
Kania Dewi Permani, Sufyani Prabawanto 1882
193. Analysis of Students' Mathematical Problem Solving Ability in The Topic of Matrix
Nuzuliah Kholipah, Sufyani Prabawanto 1891
194. Implementation of the CTL Model to Increase Student Activity and Learning Outcomes in Class IV IPS Learning with Media Couple Card
Sri Sulistyaningsih, Agus Muharam, Rahman Rahman, Wahyu Sopandi, Atep Sujana 1897
195. Application of Project-Based Learning to Improve Critical Thinking Skills and Student Learning Outcomes in Materials on Relationship Between Economic Activities and Utilization of Natural Resources
Elma Larina Yuliana, Mubiar Agustin, Atep Sujana 1907

**These proceedings represent the work of researchers participating in
The 2nd International Conference on Elementary Education (ICEE 2019)
which is being hosted by the Post-graduate Elementary Education Program
of Universitas Pendidikan Indonesia, held on November, 6th 2019
G.H Universal Hotel Bandung, Indonesia.**

**ICEE has the theme of "Global Perspective on 21st Century Education".
ICEE is a event on the international research conferences calendar and
provides a valuable platform for individuals to present their research findings,
display their work in progress and discuss conceptual and
empirical advances in the areas of Elementary Education.**



**ELEMENTARY Education PROGRAM
School of POSTGRADUATE Study
UNIVERSITAS PENDIDIKAN INDONESIA**





Comprehensive Guidance and Counseling in Improving The Resilience of Students

Yenti Arsini^{✉1}, Ahman², Nani Suganhi³, Nurhudaya⁴

Departemen Psikologi Pendidikan dan Bimbingan, Universitas Pendidikan Indonesia, Bandung, Indonesia

✉ Yentiarsini73@gmail.com

Abstract. Literatur examines resilience as an individual's endurance in dealing with, responding to, and overcoming obstacles, challenges, stresses, and traumatic experiences. It is a negative view because resilience is viewed only as a response to the condition of entropy. The facts show that the stressful challenges to the individual happen at all times, throughout the life of the individual, in a variety of events such as natural disasters, riots, conflicts, wars, and the atmosphere of life that seeks sustainability and adequate decisions. Comprehensive Guidance and Counseling (CGC) adopts a positive view in assessing resilience and sees and understands resilience as a development. Resilience is viewed as a process and product, an individual sustainability condition. Resilience is seen as a competence in adaptable adjustment, a healthy and open person, independence in making decisions and responsibilities, a fight for achievement, and a peaceful person who encourages the development of authentic and tough personality. Resilience is not the end point of individual endurance and resilience development but is a dynamic and life-long developmental process that always adapts to environmental changes, dynamics, and challenges. Resilience is a skill and individual competence that must be developed as long-term behavior. CGC as a development-oriented approach views resilience as one of the various aspects of student development, as a psychohygiene condition that should be a general purpose aspect of education and guidance that becomes the basis of authentic and tough personality development. The series of research and concepts on adequacy of adjustment, productive personality, health personality, academic hardness, and peacefulness have high incisions with resilience, which are examined in this paper.

Keywords: resilience, sustainability, authentic, comprehensive guidance

INTRODUCTION ~ The diversity of life background and accessibility and uncertainty require human beings to master the tools of life competence which enable themselves to be sustainable in the face of the various changes and diversity. Sustainability is a process of struggle of life that must be achieved by mastering the competence of life that is not merely to overcome the problem here and now but able to anticipate the possibilities that will be faced and think of the most possible action is taken.

Resilience refers to a healthy personality that is open to change of reality, but still capable of controlling life, being flexible

but consistent, rather than rigid and mechanistic. The process of personality development is related to the matter of progressiveness in terms of stability and behavioral dynamics in reacting to themselves or the environment and this happens in individuals with healthy personality." (Kartadinata, 1983. 6). Psychologists seem to agree that the ability to perceive reality accurately is the essence of a healthy personality. Individuals will obtain adequate can accurately interpret reality. Distortive perception will inhibit attainment of adequate resilience.

Classical ideas, in relation to the development of healthy personalities,



ICEE-2

are expressed by experts in various concepts, such as psychodynamic approaches (Freud, Fromm, Horney, Adler), epigenetic principles (Erikson), developmental tasks (Havighurst), holistic (Goldstein, Rogers) and holistic dynamic (Maslow) (Kartadinata. 1983: 7). Resilience in the sense of a person's toughness in the face of life depends on the way and attitude to deal with it.

Kartadinata (1983: 18) revealed that adjusted individuals '...are capable of performing and setting realistic choices; he looks openly to the possibilities he faces and is able to choose what he is most likely to do because he is able to estimate what he might face. The ability to choose has a very profound meaning because it concerns the issue of self-awareness and the environment; and that consciousness is the dimension of self-realization. Pribadi (1971 a, pp.15 and 23) asserted that this self realization is related to the concept of responsibility, since this psycho-hygiene contains a factor of morality inseparable from the human factor. This principle implies that psycho-hygiene is an aspect of educational goals and guidance to be accomplished by both counselors and counselees.

The classical thought and study illustrated simply provides support and reinforcement that the individual's personal toughness is related to his personality health. Self-resilience is a psycho-hygiene condition that becomes

a fundamental aspect of the process of guidance and counseling as well as being an aspect of educational and guidance purposes. In the contemporary context, the world agreement affirms that the 2030 educational vision that was born in the Incheon Declaration of World Education Forum 2015 is "...towards inclusive and equitable quality education and lifelong learning for all". We understand one of the corresponding targets that is closely related to individual resilience is that "...education is essential for peace, tolerance, human fulfillment and sustainable development...will focus our efforts on access, equity and inclusion, quality and learning outcomes, within a lifelong learning approach"

Peace is an issue in many parts of the world as a result of the various conflicts and wars as the entropy that humans face. In understanding the resilience of a positive view the entropy conditions associated with peace are understood not solely conflict resolution. It is understood that the peace of mind is not the only thing that is in the mindset. Peace concerning all aspects of mind is not the only thing that is in the mindset. Peace concerning all aspects of human life, physical and non-physical, which will bring people to live in state of well-being. Peace and well-being are two sides of a coin that can not be separated from each other.



ICEE-2

In the context of thinking as described above, resilience is not understood solely from the side of the entropy conditions faced by the individual but from the various possible challenges faced which can lead to a variety of entropy conditions. This is a more positive view of resilience. From the illustrated plot, the main issues examined In this paper are :

- 1) What competencies should students master in maintaining and improving resilience?
- 2) What is the strategy of educational efforts and guidance in improving student resilience ?

Theoretical Framework

The developmental approach sees resilience as both process and outcome. As a process refers to how individuals react to various environmental conditions, demands and stress both related to himself and the environment. Resilience is a lifelong learning process. Resilience as a result refers to what individual achieves; whether a person has good resilience. Both siden are mentioned in relation to esc other, so the study of resilience should be viewed as both process and oucome.

Resilience continues to develop throughout life, and basically the process of life itself is the process of becoming and being. Resilience is a process of growth. Life itself is the process of becoming and being. Resilience is a process of growth.

Differentiation, evolution and enrichment. Psychological development occurs throughout the individual's life that leads to things that give more satisfaction and the embodiment of self-existence, which is characterized by the harmony between the self and the world in order to seek self-perfection." (Kartadinata 1983 : 32).

In the concept of becoming and being, resilience is closely related to the concept of self-realization (Goldstein), self-actualization (Maslow), self-enhancement (Rogers), need for adequacy (Snygg and Combs), psychohigiene (Sikun Pribadi), No-Limit' person (Dyer), and kaffah, the concept of islam. In the concept of becoming, this direction of individual development is self-actualization, independent and self-responsible. Development leads to increased self-control, self-regulation and autonomy ; not merely sustaining the present life but also broadening the horizon of life itself by orientating to the possibilities faced in its open societies. The process of self-actualization concerns the process of development of individual consciousness; awareness of himself, his values and life itself.

Conceptually, resilience is approached from the point of view of educational sciences and guidance, namely the theory of personality with regard to aspects relevant to resilience. Sources of resilience are self-reliant as a starting point for self-realization. Education and



ICEE-2

guidance responsible in facilitating individuals achieve self-realization. Pribadi (1971:225) formulates: "The general aim of education is the facilitation of creating the personal maximum condition for self-realization." The term of self-realization has a very wide meaning because it concerns the individual's awareness of himself and the environment as his life-space. Self-awareness is a fundamental feature of man, because self-awareness is only possessed by man. " Self-awareness is a factor that distinguishes manifestly between humans and animals".

With self-awareness, human being will be able to cope with the diversity and possibilities that occur in the good life that is related to himself or his environment. He is able to gain "survival" and resilience within his environment as a starting point for achieving self-realization and optimum development.

Comprehensive Guidance and Counseling (CGC) is development-oriented, as the fourth approach after the crisis, remediative, and preventive approaches (Myrick 2003). It asserts that "... a developmental approach concerning the process and various aspects of sustainable development in the context of the environment in which individuals develop. Developmental guidance and counseling is a comprehensive approach, therefore called Comprehensive and Counseling. (Kartadinata 2017:3)

Developmental Guidance and Counseling (DGC) is called CGC because as a approach, it deals with philosophical foundaions and assumptions, various stages and aspects of development, delivery systems, collaboration among school personnel as teams, management systems and accountability, at various education levels (from preschool to higher aducation). It can be asserted that DGC and CGC are not two different approaches, but rather two sides of a coin, one side being an orientation while the other is a strategy that integrates academic missions with student development. (Kartadinata 2017 : 3).

There are four main components of CGC namely guidance curriculum (in the Indonesian context it is called Basic Service), responsive services, individual planning, and support systems. The integration of academic missions with the development of students in CGC implies that CGC is the righ approach used or applied in educational settings. The integration of the mentioned mission can be structured organized into the Basic Services because the basic services emphasize the development of long-term behavior in various aspects of development, especially in terms of academic, personal, social and career aspects.

Linked o the development of student resilience as a psychohy-hygiene condition that becomes the basis of self-



ICEE-2

realization must be an aspect of educational and counseling goals. Resilience as a development contains long-term behaviors and competencies that need to be developed through intervention strategies either through learning or guidance, especially basic services.

Learning is responsible for developing student resilience because resilience as a psycho-hygine condition is a determinant of student learning success. Learning is responsible for developing a healthy personality, psycho-hygiene, and mental health of students. Through this effort the integration of academic mission and student development can be realized in the form of learning service based on guidance. Why guidance? Myrick (2003 : 3) believes that guidance is more pedagogical.

METHOD

Positive review of resilience is a multidimensional study directed towards building a frame of mind in the development of resilience constructs determinants, and development intervention strategies through guidance and counseling. Multidimensional studies were conducted by describing, understanding interrelationships, and interpreting the perspectives and incisions of various concepts and research results that can build thinking about resilience. Conceptual and research studies were done on the dimensions of (1) self-adjustment, (2) the

development of independence, (3) the development of thinking, (4) the development of peaceful behavior, and (5) academic hardness. *Adjustment*. The classical study (Kartadinata 1983) is done using the homoclitite viewpoint

(Grinker, 1962) as a positive outlook in defining self-adjustment. Adjustment is seen as a development rather than a deficit state. Psychogenic and sociopsychogenic concepts that are represented by the family climate and school life are destroyed as the variables that shape the adaptation of students' self-adjustment. Referring to concepts of Fromm (1960, 1975), Gilmore (1974), Cole (1953), and Sikun Pribadi (1971), the adaptation of self-adjustment is formulated in constructs involving emotional.

The research findings show that the four dimensions of self-adjustment adequacy are significantly related either partially or completely. These findings support the concept that a healthy or mature personality is an integrated personality. It also means that maturity in one dimension will have an impact on the maturity of other dimensions. It can be argued that the construct adjustment in this study is tested as a valid construct.

In relation to the family and school environment, the study proved that those two environments contributed positively to the adaptation of student adjustments. The study findings reinforce the psychogenic view that affirms that



ICEE-2

individual self-adjustment is influenced by the biography, the explanation of the experience in family life. The study also reinforces the sociopsychogenic view that shows that high democratic and intellectual school life tends to make students gain adequate adequate adaptation. This empirical evidence suggests that schools play an important role in the formation of student personalities.

RESULT AND DISCUSSION

The study of the research sequence presented shows that resilience is essentially a force that fosters and develops humanity into an authentic person, becoming itself. This view is a positive outlook as mentioned at the beginning of this study. The authentic person is a healthy person who reflects the optimum psychodynamic development that involves flexibility, resilience flexibility, firmness, peace of mind in dealing with, anticipating and responding to the environment so that the individual is in a sustainable condition. Authentic refers to the concept of self-actualization (Goldstein, Maslow), self-realization (Rogers), productive personality (Fromm, Gilmore), a sense of integrity (Erikson), normal personality (Cole), psycho-hygiene (Sikun Pribadi), peacefulness person (Kartadinata and Associates).

Referring to a positive outlook, resilience is defined as the development of various competencies of sustainability and self-

resilience in the face real and potential life challenges, involving the development of cognitive, mindset, emotional maturity, social maturity, decision making and readiness to take respon to take responsibility and live in peace. Resilience is a psycho-hygiene condition that must exist in every human person as the basis for the emergence of authentic and tough personality and should bean aspect of the goal of education and counseling and guidance.

Positive views on resilience implicate that resiliensi should be developed as long-term behavior through education services, guidance and counseling, and learning services are no exception. In resiliensi counseling and counseling is developed primarily tharough basic services by using interventions to develop the range of behaviors and competencies mentioned. The proses of creative dialogue and the development of school culture as an empowering environment enablemen environment can be an effective strategy in developing a personality that is always compelled to seek the meaning of what is experienced, learned, and faced in life. Efforts to create a healthy development environment become a CGC service strategy to develop self-sustainability competence as the basis authentic and resilient personality development. Development of a developmental environment within CGC is not merely a technical issue of



ICEE-2

guidance services but must be based on and consistent with the philosophical and theoretical ground of thinking about the development of resilience. The counselor should be able to translate resilience as a psycho-hygiene condition that becomes the aspect of the counseling and counseling goals that the student must reach into the range of behaviors and the range of intervention strategies.

CONCLUSION

Resiliensi is a sustainability competence that develops throughout life in the face of the variety of actual and potential life challenges as the individual psycho-hygiene conditions that are the basis of authentic and counseling goals to be achieved by students, counselors and teachers. In CGC and learning resiliensi is learned through experience gained from the classroom and school environment eliminate as a developmental environment that poses students to challenges, opportunities, and the reinforcement of behavioral patterns that from authentic and resiliensi or tough personalities.

REFERENCES

- Gardner, Howard. (2008). *"Five Minds For The Future"*. Presentation Paper
- Kartadinata, Sunaryo. (1983). *Kontribusi Iklim Kehidupan Keluarga dan Sekolah Terhadap Adekuasi Penyesuaian diri*. Tesis Magister, Ikip Bandung
- , (1988). *Profil Kemandirian dan Orientasi Timbangan Sosial Mahasiswa Serta Kaitannya dengan Perilaku Empatik dan Orientasi Nilai Rujukan*. Disertasi Doktor, IKIP Bandung.
- , (2016). *Reveal The Veil of Guidance and Counseling in Pedagogic Effort*. UPI Press. Bandung
- , (2017). *Dari Bimbingan dan Konseling Perkembangan ke Komprehensif*. UPI Press Bandung
- Kartadinata, Yusuf, Budiman, Saripah. (2015). *Pembelajaran Berbasis Gardener's Five Minds Dalam Pengembangan Pribadi Konselor*. Hibah Penelitian Inovasi Pembelajaran. UPI.
- Kartadinata, Setiadi, Ilfiandra. (2017). *"Implementation of Peace Education Pedagogy in The Process of Learning And Counseling "*. Seminar Antar Bangsa UPSI. Malaysia.
- Maslow, Abraham. (1971). *The Farther Reaches of Human Nature*. New York. The Viking Prees
- Mawarni, Anisa. (2017). *" The Effect of Exercise Group Techngue on Academic Hardiness in Senior High School" In the process of publication*



ICEE-2

Myrick Robert D. 2003, *Developmental Guidance and Counseling: A Practical Approach*. Minneapolis: Educational Media Corporation

Pribadi, Sikun. (1971), *In Search of A Formulation of the general Aim Of Education* LPPD IKIP Bandung

----- . (1971). *Psycho-Hygiene Dan Tanggung Jawab Sebagai Tujuan Umum Pendidikan*, LPPD IKIP Bandung.