Proceedings
1st UNIVERSITAS RIAU INTERNATIONAL CONFERENCE ON EDUCATIONAL SCIENCES (1st URICES)

Improving Education Quality for Facing the Global Competition And Raising the Quality of Life

October 25th, 2017
Arya Duta Hotel, Pekanbaru
Indonesia

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Roza Linda
Nur Islami

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25th October 2017, Aryaduta Hotel, Pekanbaru, Indonesia

Improving education quality for facing the global competition and rising the quality of life, as the theme of this conference

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Universitas Riau
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PREFACE

The 1st Universitas Riau International Conference on Educational Sciences (URICES) is conducted and organized by Fakultas Keguruan Dan Ilmu Pendidikan (FKIP), Universitas Riau in Aryaduta Hotel Pekanbaru 25th October 2017.

There are 4 plenary Keynote speakers invited, from Dakin University Australia, The University of Hong Kong, University Kebangsaan Malaysia and Universitas Riau that is covering the different education areas. With an initial submission of 176 abstracts, after peer review process, there are 126 scientific participants presented and shared their experience in education field of research. Generous support for the conference is provided by FKIP Universitas Riau and all honourable participants.

We would like to say thank you to the Dean of FKIP, Universitas Riau for the generous support and assistance. We are very grateful to all of the key-note speakers and speakers to attend and share knowledge and information in this great event. Our great appreciation also goes to all of the organizing committee members who have kindly dedicated both their time and energy to make this conference possible.

The 1st UR International Conference on Educational Sciences is an Interdisciplinary conference which aims to bring together leading academic scientists, researchers and scholars to exchange and share their experiences and research results concerning various issues on Education and discuss the best practices and challenges encountered and the solution adopted. This conference is expected to promote international dissemination of knowledge and development of cross-national academic fraternity. Through the conference, we can share our researches, experiences and informally create long-lasting bonds.

The next URICES will be conducted in 2018, and we expect to do a join collaboration conference with the related education world association. We expect that this future URICES conference will be more stimulating as this one, as indicated by the contributions presented in this proceeding. Through this conference, we hope we can learn on how to improve our research in the near future, we can do the engagement among the researchers, among the universities and we are able to get some new ideas from the other side of the research so that we can improve education quality for facing the global competition and rising the quality of life, as the theme of this conference.

Pekanbaru, October 2017

Nur Islami, Ph.D
Chair of the Conference
## TABLE OF CONTENT

| Representation Construction Approach: A Guided Inquiry Pedagogy for Science | Peter Hubber | 1 – 8 |
| How do Comparative Studies of Educational Achievement Inform us About Education Quality? | Frederick K. S. Leung | 9 - 10 |
| Coaching in Education | Norasmah Othman | 11 - 28 |
| Language Education | Mahdum | 29 - 40 |
| Interactive Computer-Based Learning Media for Teaching Transformation Topic at Mathematics Class | Rais Shabri, Yenita & Roza Sakur | 41 – 46 |
| Validation and Development of Magnetic Field Interactive Multimedia Using Adobe Flash as Physics Learning Media | Ririn Sabani, M. Rahmad, & M. Nor | 54 – 60 |
| Development of Interactive Multimedia for Learning of Isometry in Course of Geometry Transformation | Sakur | 61 – 67 |
| The Effect of Using ICT Based on Learning Media to Students’ Learning Motivation | Suarman Mahdum, Suryati | 68 – 73 |
| Students’ Perceptions of Web-Based Media Practicality on Cell Biology Course | Trisna Amelia, Nurul Asikin | 74 – 80 |
| The Real Project is Better than Conventional Paper Assignment; A View from the Student Perspective | Annisa Permata Iskami | 81 – 84 |
| Effectiveness of Integrated Science Learning Materials of Waves in Life by Integrating Digital Age Literacy on Grade VIII Students | Asrizal, Ali Amran, Azwar Ananda, Festiyed & Winda Arma Yana | 85 - 92 |
Adaptation of Farmers in Rice Cultivation at Dry Season in Gunungsari Village (Bojonegoro-East Java) For Learning Source
**Damhuri, Andri Estining Sejati & Desi Nurul Hidayati**................................. 93 - 99

Motivation of Physics Student in Learning With Experiment Toolkit of Mechanics Wave
**Eldwita Busri, Agus Yoni Prasetyo Widodo, Popi Herfana**............................. 100 – 104

Contribution of Media Based Learning on Traditional Culture Equipment on Student Motivation and Misconception
**Fakhruddin Z, Zulhelmi & Yennita**................................................................. 105 – 111

Design and Validation of Dynamic Fluid Experiment Devices as a Media of Physics Learning
**Fenny Suhartiwi, Hadis Mariyo & Dila Rizki Aryani**................................. 112 – 115

Application of Cooperative Learning Model Teams Games Tournament (TGT)Type to Increase Activity and Results of Biology Learning in Class X-MIA 2, MAN-1 Pekanbaru 2015-2016 Academic Year
**Istiqomah**................................................................. 116 – 122

The Implementation of Direct Learning by Using Handout toward Students Achievement in Biology Subject at Class VII-1 of Junior High School Rokan IV Koto in Academic Year 2014/2015
**Listia Syafitri**.......................................................................................... 123 – 129

The Improvement of Students’ Learning Outcomes With the Implementation of Cooperative Learning Model *Think-Talk-Write* (TTW) at the X1 Grade of State Senior High School 1 Kampar Kiri in Academic Year 2014/2015
**Mulyani**.................................................................................................. 130 – 134

The Difference of Physics Learning Result Between Cooperative Learning Model Type Predict, Observe, Explain With The Conventional Learning at The Students Class X MAN 3 Padang.
**Noftiana**.............................................................................................. 135 – 141

The Development Of Ict-Based Mathematics Instructional Media On Linear Program Subject For Students of Grade XI SMA/MA
**Puji Karunia Khalida**............................................................................. 142 – 146

Comparison Student Academic Achievement of Study Programs Physical Education, Health and Recreation Class 2015 Reviewed From The Track Admissions SNMPTN and SBMPTN
**Ramadi, Kristi Agust & Arisman**............................................................ 147 – 151
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blended Project Based Learning: Strategy for Improving Critical Thinking of Pre-Service Teachers in Science Education</td>
<td>Suci Utami Putri, Yuyu Hendawati</td>
<td>152–157</td>
</tr>
<tr>
<td>Application of Inkuiri Guided Learning Models Using Handout on Study Biology Learning Outcome</td>
<td>Suparmi</td>
<td>158–162</td>
</tr>
<tr>
<td>The Effect of Concept Map on Student’s Learning Outcome for Ecosystem in Grade Tensma Islam Al Ulum Terpadu Medan</td>
<td>Syamsiah</td>
<td>163–167</td>
</tr>
<tr>
<td>Influence of Application of Learning Strategies Against Super Item Mathematical Reasoning Ability of Junior High School Students</td>
<td>Delva Nora, Darto</td>
<td>168–173</td>
</tr>
<tr>
<td>Mathematic Problem Ability of Algebra Operation With Problem Based Learning Class VIII.1 SMP Bhayangkari Pekanbaru</td>
<td>Dwika Ananda Ayu Rahmawati Sinaga</td>
<td>174–178</td>
</tr>
<tr>
<td>Development of Competency-Based Teaching Materials on Initial Value Problems and Boundary Conditions Course</td>
<td>Elfis Suanto, Armis &amp; Anita Sari</td>
<td>179–190</td>
</tr>
<tr>
<td>The Implementation of Cooperative Learning Model NHT to Improve Students’ Mathematic Learning Outcomes at The VIII C Grade of State Junior High School 1 Rumbio Jaya</td>
<td>Evi Zahara</td>
<td>196–202</td>
</tr>
<tr>
<td>Development Mathematics Learning Device Based Curriculum 2013 on Subject Quadri Lateral Through Problem Based Learning</td>
<td>Fadriati Ningsih, Sakur &amp; Atma Murni</td>
<td>203–210</td>
</tr>
<tr>
<td>Application of Cooperative Learning Type Team Game Tournament (TGT) to Improve Students’ Mathematics Learning Outcome</td>
<td>Farida, Zetriuslita &amp; Syofni</td>
<td>211–217</td>
</tr>
<tr>
<td>The Effect of Active Learning Index Card Match Strategy to Ward Communication Ability of Mathematic of For Students of MTs AL-Fajar Pekanbaru</td>
<td>Guswinda</td>
<td>218–222</td>
</tr>
</tbody>
</table>
A Study of Mathematical Creative Thinking Ability of Senior High School Students Through Alberta Inquiry Learning Model at Siak Watershed Area, Riau Province

Kartini, Putri Yuanita & Syarifah Nur Siregar

The Development of Mathematic’s Learning Tools of VIII Grade Based on Curriculum 2013 on The Quadratic Equation Subject

Lina Afriyani, Zulkarnain & Hayatun Nufus

The Implementation of Problem Based Learning (PBL) Model in Cooperative Scheme in Increasing the Students’ Mathematic Achievement of Second Grade Student of SMPN 4 Kampar Kiri Hilir

Mahmidatul Fitri, Sehatta Saragih & Reni Wahyuni

Profile of Student Mathematical Reasoning Ability in Making Proof

Maimunah, Kartini

Development Mathematics Learning Device Based Curriculum 2013 on Subject Prism and Pyramid through Problem Based Learning

Melva Yola Afdareza, Zuhri & Sakur

Application of Structural Cooperative Learning Approach Numbered Heads Together to Increase Mathematic Result Study For Students X APh 2 Grade at Vocational High School Tigama Pekanbaru

Mia Riani Rahman

Empowering College Students Critical Thinking Skill Through Mathematic and Newspaper Literacies

Molli Wahyuni

Developing High Order Thinking Skill in The Context of Mathematical Learning in Primary School

Muhammad Fajri

The Effect of Implementing Problem Based Learning Model on Students’ Math Representations Ability at Az-Zuhra Integrated Islamic Junior High School Pekanbaru

Novita Sari, Granita

Development of Students’ Worksheet With Realistic Mathematic Education on Subject Triangel

Nur Atika, Zubaidah Amir MZ
Application of The Contextual Teaching and Learning Strategy to Increase Students’ Successful in Mathematics Learning on Grade VIII at SMPN 6 Rambah Nuraini................................................................. 277 – 282

Mathematics Teaching Instrument Using Discovery Learning Model For Social Arithmetic Topic of Junior High School
Nurul Faizah, Yenita Roza & Kartini.......................................................... 283 – 290

The Effect of Using Cooperative Learning Model Numbered Head Together With Model on Students’ Mathematic Concept Comprehension at Junior High School Muhammadiyah 1 Pekanbaru
Putri Aulia Susanti.................................................................................... 291 – 295

The Effect of Implementation of QuantumTeaching Strategies to Ward Mathematic Creative Thinking Ability of Students at State Junior High School 3 Tambang of Kampar Regency
Reny Reski................................................................................................. 296 – 302

Improving of Motivation and Learning Achievement of Mathematics by Using Computer-Based Learning Media on Quadratic Function Topic in Grade X SMAN 1 Minas
Siti Misi Akhidah....................................................................................... 303 – 308

Mathematical Literacy of Junior High School Students in Kecamatan Tampan Kota Pekanbaru in Geometry
Syarifah Nur Siregar, Titi Solfitri................................................................. 309 – 315

The Quality Improvement of Students Learning and Objectivity Assesment of Lecturers in the Course of Gender Dalam Sastra with an Application of Cooperative-Colaborative Learning Strategies
Abbas........................................................................................................... 316 – 321

The Contribution of Teachers’ Accountability in Implementation of Learning Toward Implementation of Entrepreneurship Values
Daeng Ayub Natuna.................................................................................. 322 – 329

Factors Affecting The Learning Subject of Economy
Gusnardi, Putri Diyah Makarti & Fenny Trisnawati................................. 330 – 340

Discourse of Multicultural Students in Classroom Interaction
Nurul Sa’adah............................................................................................. 341 – 345

The Use of Talking Sticklearning Model to Improve Interest of Students Majoring at Pancasila and Civic Education in Studying Political Science
Sri Erlinda................................................................................................. 346 – 352
### Analysis of Factors Affecting Economic Achievements of High School Students
SMA Negeri Kecamatan Koto Tangah Kota Padang Sumatera Barat
**Stevani, Dessyta Gumanti**

353 – 362

### An Analysis of Exploring Personal Reading Histories for Learners of FKIP University of Riau
**Syofia Delfi, Fangiana Safitri Diah & Jismulatif**

363 – 369

### The Effect of Cooperative Integrated Reading Composition (CIRC) on Students’ Reading Comprehension of Essay at English Study Program of University of Pasir Pengaraian
**Andri Donal, Batdal Niatyi**

370 – 375

### Model Development of Extension Technique the Inquiry Discovery in Writing Letter on the Scope of the Local Government of Kabupaten Bantaeng
**Asriani Abbas**

376 – 381

### Analysis The Use of Illocutionary Speech Acts in Learning in Melati Special School Rumbai Pekanbaru
**Charlina**

382 – 391

### Indonesian Language Politeness of Elementary Students at SDN 06 Kota Bengkulu
**Daimun, Novia**

392 – 400

### The Implementation of Progressive Approach in Learning Reading Course by the Third Year Students of Sumatera University (Pseudonym)
**Erni**

401 – 416

### The Autonomous Learners’ Language Learning Strategies at Senior High Schools in Coastal Areas of Riau Province - Indonesia
**Fakhri Ras**

417 – 431

### The Contribution of Reading Web-Based Scientific English Articles on English Proficiency of English Department Students Riau University – Indonesia
**Hadriana, Mahdum & E. Gultom**

432 – 436

### The Effect of Multimodal Texts on Students’ Reading Comprehension
**Liya Astarilla Dede Warman**

437 – 443

### Mapping the English Proficiency of Junior High School English Teachers Across Riau Province
**Muhammad Syarfi, FakhriRas & Masyhur**

444 – 452
Student Learning Achievement in Japanese Language Education Program of Faculty of Teacher’s Training and Education of Riau University Based on University Entrance Selection
Nana Rahayu .................................................................................................................. 453 – 458

The Application of Clustering Technique in Teaching Essay Writing to the Students of English Study Program of Riau University
Rumiri Aruan .................................................................................................................. 459 – 468

Online Political Cartoons’ Pragmatic Analysis and Their Contributions to Efl Students’ Pc, Avk and Language Hots
Yohannes Telaumbanua, Juprizal, Mawardi Effendi & Mukhiayar ........................................ 469 – 477

The Effect of Group Counseling Toward Self Esteem of HIV/AIDS Sufferer Female Inmates in Pekanbaru Woman Correctional Institution
Elni Yakub, Zulfan Saam & Annisa Nopriani .................................................................... 478 – 485

Development of Nomor Acak Learning Models to Increase Student’s Learning Effectivity at Pgsd Fkip University of Riau
Syahrilfuddin, Zufriady ........................................................................................................ 486 – 492

The Application of Guided Inquiry Learning to The Ability of Critical Thinking and Cognitive Learning
Titin Gustari ....................................................................................................................... 493 – 513

Motivation of Students Choose The Faculty of Education and Science of Education University of Riau
Tri Umari, Rosmawati & Donal .......................................................................................... 514 – 520

Implementation of Generative Teaching Model to Improve Junior High School Students’ Mathematical Problem Solving Ability
Uswatun Khasanah, Karso, Jarnawai & Afgani Dahlan ....................................................... 521 – 529

The Efforts to Improve Teacher’s Competency in Learning Process Through The Academic Supervision in SMP Negeri 13 Dumai
Yulvisriani ......................................................................................................................... 530 – 535

Emotional Approach and Sharing Experiences in Learning and Teaching
Zulfikar, Suzana ................................................................................................................ 536 – 540

Analysis of Educational Benefits Children Girls Suku Laut in Panglima Raja Village of Concong District Indragiri Hilir Regency
Haryono, Separen & Habibi Rahim .................................................................................... 541 – 545
Implementation of Social Care Character Value in Social Studies in Primary School
Hendri Marhadi.................................................................................................................. 546 – 550

Teacher Performances in Implementation of Learning at State Elementary School
in Kecamatan Gunung Toar Kabupaten Kuantan Singingi
Jaspar Jas, Aswandi Bahar & Ria Rizkia Alvi........................................................................ 551 – 559

A Four-Tier Diagnostic Test to Assess Pre-service Elementary Teachers’ on
Electricity Magnetism
Neni Hermita, Andi Suhandi, Ernawulan Syaodih & Achmad Samsudin........... 560 – 565

Child Maltreatment Perform by Mother In Kepulauan Meranti Regency
Ria Novianti, Febrialismanto & Enda Puspitasari........................................................... 566 – 570

Analysis of Elementary School Students Activity in Math Instruction Based on
Kurtacil and Beemmath Gamification
Suprih Widodo, Puji Rahayu.......................................................................................... 571 – 575

Learning Efficiency of Student of PG-PAUD FKIP Study Program of
Universitas Riau
Zulkifli N, Yenny Solfiah.............................................................................................. 576 – 583

Comparison of Influence Interval Training and Fartlek Against Endurance PPLP
Volleyball Athlete Riau Province
Ardiah Juita, Rola Angga Lardika & Rahmad Diyanto..................................................... 584 – 589

Contribution The Power of Grib and Flexible of Waist to Accuracy of Service
Slice of Tennis in Sport Education of Riau University
Saripin.............................................................................................................................. 590 – 595

Politeness Strategy Used by Teacher in Islamic Boarding School
Aisya Hartati................................................................................................................. 596 – 599

Quality Evaluation on Private Higher Education Institutions in Pekanbaru
(Integrating Kano Model and Quality Function Deployment)
Astri Ayu Purwati, Silvia Sari Sitompul....................................................................... 600 – 606

Inter Ethnic Relation at Pekanbaru City
Aswandi Bahar, Titi Maemunaty.................................................................................... 607 – 611

The implementation of School Literature Movement in West Lombok Regency,
West Nusa Tenggara Province – Indonesia: an Exploratory Study
Henny Soepriyanti, Untung Waluyo, Made Sujana & Arifuddin................................. 612 – 618
Implementation of DRTA (Directed Reading Thinking Activity) Strategy on Reading Comprehension Skill Student Class V Muhammadiyah Elementary School 6 Pekanbaru
Otang Kurniaman, Eddy Noviana

An Analyze Working Morale of Occupation Interest in Teaching Profession (Descriptive Analytical Study of Teachers SDN Bukit Raya Pekanbaru)
Raja arlizon, Zulfan Saam & Donal

Implementation of Environmental Education to Support Sustainability of Green Campus Program in Universitas Riau
Suwondo, Darmadi & Rudy Haryanto

Reader Response of Short Stories by Yulismar on Facebook (Literature Reception Approach)
Syafrial, Rezki Puteri Syahrani Nurul Fatimah

Factors Affecting The Success of High School Principals of West Lombok Regency in Implementing Their Leadership Functions Based on The Ministerial National Education Regulation No. 13 of 2007
Untung Waluyo, Asrin & Lalu Muhaimi
Factors Affecting the Learning Subject of Economy

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ABSTRACT

The purpose of this study is to determine the factors that affect the interest of learning, namely; 1) Interest in learning on Economic Subject Learning, 2) Intellectual Intelligence on Learning Outcomes Economic Subject, 3) Emotional Intelligence on Learning Outcomes Economic Subject and 4) Interest in learning, Intellectual Intelligence, and Emotional Intelligence on Results Learning Economics Subject in the class XI IPS students in SMA Negeri 1 Minas Siak District. This research uses Quantitative Descriptive method with multiple linear regression approach. The population in this study is all students of class XI IPS majors recorded in SMA Negeri 1 Minas Siak District. With a sample of 60 students taken with the method of probability or randomly with a simple random sample method. The instrument used is using questionnaires to measure Interest in learning, Intellectual Intelligence and Emotional Intelligence and Value of odd semester report for students’ economic learning outcomes. The results showed that the interest in learning, Intellectual Intelligence and Emotional Intelligence simultaneously affect the results of learning.

Keywords: Interest in learning, intellectual intelligence, emotional intelligence, learning outcomes

Introduction

Learning in a definition is seen as an effort to influence students to learn. The possible consequences of learning actions are that students will (1) learn something they will not learn without the actions of learners, or (2) learn something in a more efficient way (Hamzah Uno, 2005).

Learning outcomes or achievement is the realization or burning of the potential skills or capacities a person has. Mastery of learning outcomes by a person can be seen from his behavior, either behavior in the form of mastery of knowledge, thinking skills and motor skills. Most of the activities or behaviors that a person exhibits are the result of learning. Schooled learning outcomes can be seen from the mastery of students will be the subjects he took. The level of mastery of learning or learning
outcomes in these subjects in school is denoted by numbers or letters (Nana, 2011).

But in reality many children have inadequate learning outcomes or have not met the assessment criteria at school. From the initial observations made by researchers, the KKM set at SMA Negeri 1 Minas for Economic Subject is 78, whereas the results obtained by the students of class XI IPS in the Middle Exam Odd Semester 2016/2017, from 145 students only 48.27% of students Which meets the applicable KKM. This is related to the existence of several factors that affect children's learning difficulties that lead to less optimal learning outcomes. According to NiniSubini (2011) psychological factors that include age, gender, study habits, intelligence, attention, talents, interests, emotions and motivation / ideals, behavior / attitude, concentration, ability / performance, confidence, Maturity and fatigue, are internal factors of learning difficulties in children.

Interests is one of the internal factors that cause children learning difficulties that impact on learning outcomes. According to (Hamzah Uno, 2005) Interest is an incentive to achieve a goal. Interest also directs the action to something. In humans there is a drive or motive that encourages it to interact directly with the outside world, so that what is in demand by humans can give impetus to do more hard and better. By studying more actively will increase intelligence and improve the learning outcomes of a person. In addition to the factors mentioned above, intelligence is one factor that plays an important role in understanding the subjects that will have a direct impact on the learning outcomes of children (Laura A, 2010).

As creative the word intelligence can be applied to a particular behavior or person. When used to describe people, intelligence refers to individual differences in problem-solving skills and in other important abilities (Laura A, 2010).

Although not the only one that determines one's intelligence, intelligence also affects the learning difficulties of a person. Intelligence is a person's general ability to adapt, learn, or think abstractly. In general, a person with a high level of intelligence can easily learn to accept what is given to him. While low intelligence tends to be slower (Hamzah Uno, 2005).

In fact many children have a pretty good intelligence however in the learning outcomes are still very weak, this is due to inefficient use of external sources that should be able to spur the results of learning, but instead in the wrong use, so it does not work efficiently to the development of children's intelligence. In this study the intellectual intelligence to be measured is not a psychological measurement, but through a questionnaire to be distributed in accordance with existing indicators.

In Law No. 25 of 2000 on the National Development Program (PROPENAS), it is stated that there are three major challenges in the field of education of Indonesia, namely (1) maintaining the results of educational development that has been achieved; (2) preparing competent and competing human resources in the global job market; And (3) in line with the enactment of regional autonomy the national education system is required to make changes and adjustments so as to realize a more democratic educational process, to pay attention to diversity, to the needs of the regions and learners, and to
encourage increased community participation.

This study refers to research conducted by Diana (2011) and Fauzi (2014). Research Diana (2011) who studied about the influence of Intellectual Intelligence and Emotional Intelligence on student achievement class XI accounting in accounting subjects in SMK N 1 Surabaya. The results of the conclusions of his research show that there is a significant influence of IQ and EQ level either simultaneously or partially on student achievement. Fauzi's research (2014) which examines the Influence of Emotional Intelligence, Intellectual Intelligence, Spiritual Intelligence, and Social Intelligence Against Accounting Understanding. The results showed that Emotional Intelligence, Intellectual Intelligence, Spiritual Intelligence, and Social Intelligence significantly influence Accounting Understanding with the support of interest and learning behavior.

In this research, the researcher adds Independent variable of learning interest which in Fauzi research becomes the driving factor in increasing understanding of accounting which mean will also influence student's learning result, and sample used in this research is student of class XI IPS SMA Negeri 1 Minas

This study will discuss about the Influence of Learning Interest, Intellectual Intelligence and Emotional Intelligence on Student Learning Results of Class XI Students, Social Science Department at SMA Negeri 1 Minas Siak District. From interviews that researchers do to teachers of Accounting subjects who are included in economic lessons in this school, most students are basically able in terms of intelligence but only for their interests is minimal, despite repeatedly given motivation and direction to love more or love lessons Especially accounting economics, but in the end still only a handful of students who have interest and excel in the class. Based on statements from teachers, researchers interested in doing this research to determine whether the intelligence will still affect the student learning outcomes if the students will not have an interest in the lesson. From the description of the background, this research entitled "The Influence of Learning Interest, Intellectual Intelligence, and Emotional Intelligence against Learning Outcomes Economic Subjects in Students Class XI IPS in SMA Negeri 1 Minas Siak"

**Methodology**

**Population and Sample**

**Population**

Population in this research is all student of class XI at IPS Department registered in SMA Negeri 1 Minas Siak District.

**Sampling**

Sampling technique is probability or random selection technique (Probability Sampling) with simple random sample method. Determination of the number of samples is done by statistical calculation that is by using Slovin formula with 10% precision level. Based on Slovin formula, the amount of samples drawn is 60 people.

**Data analysis technique**

In this research, data analysis technique used is descriptive quantitative analysis. The analysis technique used is linear regression analysis technique multiply that consists of Test F, Test T, and R Square.
Results and Discussion

Normality Test

Table 1.1 One-Sample Kolmogorov-Smirnov Test

<table>
<thead>
<tr>
<th></th>
<th>Unstandardized Residual</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>60</td>
</tr>
<tr>
<td>N</td>
<td>60</td>
</tr>
<tr>
<td>Normal Parameters(^{a,b})</td>
<td></td>
</tr>
<tr>
<td>Mean</td>
<td>.0000000</td>
</tr>
<tr>
<td>Std. Deviation</td>
<td>3.65328756</td>
</tr>
<tr>
<td>Most Extreme Differences</td>
<td></td>
</tr>
<tr>
<td>Absolute</td>
<td>.088</td>
</tr>
<tr>
<td>Positive</td>
<td>.088</td>
</tr>
<tr>
<td>Negative</td>
<td>-.065</td>
</tr>
<tr>
<td>Kolmogorov-Smirnov Z</td>
<td>0.685</td>
</tr>
<tr>
<td>Asymp. Sig. (2-tailed)</td>
<td>.736</td>
</tr>
</tbody>
</table>

Source: SPSS Processed, 2016

Statistic test using Kolmogorov-Smirnov statistical test showed Asymp. Sig. Worth 0.736. From the data in table 1.1, it can be seen that all Asymp variables. Sig. > 0.05. This means that research data has been normally distributed.

Multicollinearity Test

Table 1.2 Multicollinearity Test

<table>
<thead>
<tr>
<th></th>
<th>Zero-order</th>
<th>Partial</th>
<th>Part</th>
<th>Tolerance</th>
<th>VIF</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Constant)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest to learn</td>
<td>.447</td>
<td>.313</td>
<td>.257</td>
<td>.869</td>
<td>1.151</td>
</tr>
<tr>
<td>Intellectual Intelligence</td>
<td>.478</td>
<td>.416</td>
<td>.357</td>
<td>.906</td>
<td>1.104</td>
</tr>
<tr>
<td>Emotional Intelligence</td>
<td>.345</td>
<td>.308</td>
<td>.252</td>
<td>.954</td>
<td>1.049</td>
</tr>
</tbody>
</table>

Source: SPSS Processed, 2016

Based on the output above it can be seen that the VIF value for all variables is smaller than 10. So it can be concluded that there is no multicollinearity among independent variables.
Heteroscedasticity Test

In Figure 1.1 above it can be seen that the points spread above and below the Y axis and there is no clear pattern formed by these points. Thus it can be concluded that this regression model meets the assumption in other words in this regression model there are variants of data homoskedastisitas or no heterokedatisitas occur.

Test Autocorrelation

Table 1.3 Autocorrelation Test

<table>
<thead>
<tr>
<th>Model</th>
<th>Change Statistics</th>
<th>Durbin-Watson</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>df1</td>
<td>df2</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>56</td>
</tr>
</tbody>
</table>

Source: SPSS Processed, 2016

Based on the above results it is known that the count value (Durbin Watson) lies between -2 and +2, which is equal to 1.914. So it can be concluded that in this regression model there is no autocorrelation.

Hypothesis testing

Table 1.4 T Test

<table>
<thead>
<tr>
<th>Model</th>
<th>Unstandardized Coefficients</th>
<th>Standardized Coefficients</th>
<th>T</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Constant)</td>
<td>39.471</td>
<td>7.575</td>
<td>5,211</td>
<td>.000</td>
</tr>
<tr>
<td>Interest to learn</td>
<td>.576</td>
<td>.233</td>
<td>.276</td>
<td>2.468</td>
</tr>
<tr>
<td>Intellectual</td>
<td>.690</td>
<td>.202</td>
<td>.375</td>
<td>3.422</td>
</tr>
<tr>
<td>Emotional Intelligence</td>
<td>.155</td>
<td>.064</td>
<td>.258</td>
<td>2.421</td>
</tr>
</tbody>
</table>

Source: SPSS Processed, 2016
Partial Test Results (T Test)

Variable Interest in learning based on test results in table 1.4 shows the value of t\text{count} = 2.468 and significance 0.017. The significance value of 0.017 <0.05 indicates that the interest in learning has a significant effect on learning outcomes. Intellectual Intelligence based on test result in table 1.4 shows t\text{count} = 3.422 and significance 0.001. The significance value of 0.001 <0.05 indicates that intellectual intelligence has a significant effect on learning outcomes. Emotional Intelligence based on test result in table 1.4 shows t\text{count} = 2.421 and significance 0.019. The value of significance 0.019 <0.05 indicates that emotional intelligence has a significant effect on learning outcomes. This means that the higher interest in learning, intellectual intelligence and emotional intelligence, the learning outcomes will increase.

Simultaneous Testing Results (F Test)

Table 1.5 Test F

<table>
<thead>
<tr>
<th>Model</th>
<th>Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regression</td>
<td>506,889</td>
<td>3</td>
<td>168,963</td>
<td>12,016</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Residual</td>
<td>787,444</td>
<td>56</td>
<td>14,062</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>1294,333</td>
<td>59</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: SPSS Processed, 2016

Based on simultaneous test results (Test F) shows that the F value of 12.016 with a significance value of 0.000. Because the significance value is 0.000 <0.05. Then it can be concluded that Interest Learning, Intellectual Intelligence, and Emotional Intelligence together have a significant influence on Learning Outcomes.

Coefficient Determination Test Results (R2)

Table 1.6 Coefficient Test Results Determination (R2)

<table>
<thead>
<tr>
<th>Model</th>
<th>R Square</th>
<th>Adjusted R Square</th>
<th>Std. Error of the Estimate</th>
<th>Change Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R Square Change</td>
</tr>
<tr>
<td>1</td>
<td>0.626*</td>
<td>0.392</td>
<td>0.359</td>
<td>3.74987</td>
</tr>
</tbody>
</table>

Source: SPSS Processed, 2016

Based on the calculation of the above table, the coefficient of determination (R2) of 0.392. It shows that 39.2% change or variation of learning result variable can be explained variation from learning interest variable, intellectual acumen and emotional intelligence. While the rest of 60.8% influenced by other variables that can influence result learn.
Discussion
From the results of descriptive calculations showing the classification for the category of Student Economic Results (Y) can be seen that the value of UAS in SMA Negeri 1 Minas has a range of 0 to 100 values, with the determination of the value of KKM in schools for economic lessons is 77. Data obtained value The lowest learning outcome was 70, and the highest score was 90. In the learning result variable got Mean (average) 79.83 and standard deviation 4.683. Student learning outcomes are divided into 3 categories namely high, medium and low can be seen that the results showed that the results of Student Economic Learning in the low category of 1.7%, medium category 73.3% and high category of 25%. So the students' learning outcomes for economics lessons are moderately categorized. This is in line with the expressed by the accounting teacher who became the focus in this economic subject, stating that the actual learning outcomes of the students is not too bad in the input of the students' kerapor, because it has accumulated daily test scores, the value of the task, the value of quiz, Semester test scores and final semester exam scores.

The result of descriptive analysis for the variables Student interest (X1) class XI IPS in SMA Negeri 1 Minas obtained Mean (average) 38.03 and standard deviation 1.402. Student learning interest which is divided into 3 categories are high, medium and low can be seen that the result of research shows that Student Learning interest on economic lesson which is in low category is 10%, medium category 56.7% and high category 33.3%. So it can be concluded the interest of students to study for economic lessons in the medium category.

The result of descriptive analysis for Intellectual Intelligence variable (X2) there are 3 indicators, namely: problem solving ability, verbal intelligence and Practical Intelligence. The result of descriptive analysis for Intellectual Intelligence variable of class XI IPS students in SMA Negeri 1 Minas obtained Mean (average) 29.55 and standard deviation 1.489. Intellectual Intelligence of students divided into three categories namely high, medium and low can be seen that the results showed that the Intellectual Intelligence of students who are in the low category of 6.7%, medium category 68.3% and high category of 25%. Then it can be drawn conclusion Intellectual intelligence of the students for economic lessons in the medium categorize.

Result of descriptive analysis for emotional intelligence variable (X3) there are 5 indicators, namely: Self-knowledge, Self-Control, Motivation, Empathy and Social Skill. The result of descriptive analysis for emotional intelligence variable of XI IPS students in SMA Negeri 1 Minas obtained mean (average) 72.07 and standard deviation 5.486. Emotional Intelligence students divided into three categories namely high, medium and low can be seen that the results showed that Emotional Intelligence of students who are in the low category of 16.7%, medium category 61.7% and high category of 21.7%. Then can be drawn conclusion Emotional intelligence of the students are categorized being.

From the results of t test in Table 1.4 above states that Ho is rejected and H1 accepted, Namely Interest Learning has a significant effect on learning outcomes. With the quantity thitung>table = 2.468> 2.240 and significance 0.017 <0.05. So it can be said that the variable Interest Learning (X1)
expressed significant effect on student learning outcomes. That is, the more interested a student to a lesson the more the learning outcomes they achieve, vice versa if a student does not have a good interest in a subject it will negative impact of their learning outcomes.

From the test results Table 1.4 above can be concluded that Ho is rejected and H2 accepted, ie Intellectual Intelligence significantly influence the results of learning. That is, the higher level of intellectual Intelligence of a student will be easier for students in menangkapa lessons that will directly affect the student's learning outcomes, vice versa if a student has a lack of intellectual intelligence then the student will have difficulty in receiving lessons and will have a negative impact Of their learning outcomes. But intelligence does not become the most influential nature of achievement of a student's learning outcomes, it must also be in line with the motivation, interest and self-will of another student. A student with a high intellectual is definitely smart but most for current students they must be balanced with high desires too, can not be denied many smart students but the learning outcomes are so bad this can be influenced by other factors that can make it not want to learn. These results support research that has been done before by Diana Nurhidayah (2011) which states in his research that Intellectual Intelligence significantly influence student achievement.

From the above test results can be concluded that Ho is rejected and H3 accepted, namely Emotional Intelligence significantly influence the results of learning. That is, the higher the level of emotional intelligence of a student will make it easier for students in socializing and socializing and will facilitate capture lessons that will directly affect the student learning outcomes, vice versa if a student has a lack of emotional intelligence then the student will be hard also It is difficult to socialize to a friend who will have difficulty in accepting the lesson and will negatively affect their learning result.

From the test results in table 1.5 above can be concluded that Ho is rejected and H4 accepted, ie interest in learning, intellectual intelligence and emotional intelligence Simultant significantly influence the learning outcomes with a significant level of 0.00. This is in line with previous research by YollaYorika (2013) which states in his research that Intellectual Intelligence, Emotional Intelligence and interest in learning affect the understanding of accounting that is categorized from learning outcomes.

Results Test analysis in table 1.6 above can be obtained coefficient of determination (R2) of 0.392. This means that the influence of Learning Interest, Intellectual Intelligence and Emotional Intelligence to Student Accounting Learning Results is 39.2%, while 60.8% is influenced by other variables not described in this study.

From the description and some of the above proof can be dance conclusion bahwasannya Interest in learning, Intellectual Intelligence and Emotional Intelligence affect the economic learning outcomes of students of class XI IPS in SMA Negeri 1 Minas. This is in the clear of the theory that many experts say that the result of learning is influenced by many factors that are divided into internal factors and external factors. Where in internal factors discussed by Slameto (2003) affect the learning outcomes are, physical factors (health factors and disabilities),
Psychological factors (Intelligence, Attention, Interest Learning, talent, motive, maturity, readiness) and fatigue factors. Meanwhile, according to Muhibbin Shah (2010) internal factors that affect learning outcomes, among others, Physiological Factors and Psychological Factors (students' intelligence, student attitudes, and student talents, Interest in sisswa and student motivation). Of the two experts who put forward about the internal factors that influence learning outcomes can be concluded that the interest of learning, Intellectual Intelligence and Emotional Intelligence is only a small part of many factors that affect learning outcomes.

Conclusions And Recommendations

Conclude
This study aims to determine the influence of Learning Interest, Intellectual Intelligence and Emotional Intelligence on the learning outcomes of Economics Subjects in the class XI IPS students in one of the SMA Negeri in Minas district. To analyze the relationship between these variables, panalitian using SPSS version 20.0. Based on the data that has been collected and the tests that have been done by using multiple regression model, it can be drawn conclusion, among others:

1. Interest in learning has a significant effect on the Results of Economic Subject Study on the students of class XI IPS in SMA Negeri 1 Minas. This shows that the better or higher the intellectual intelligence of a student, it will facilitate students in receiving lessons and can improve learning outcomes as well. Thus the first hypothesis is accepted.

2. Intellectual Intelligence significantly influence the Results of Economics Subject Study on the students of class XI IPS in SMA Negeri 1 Minas. This shows that the better or higher the emotional intelligence of a student, it will facilitate students in thinking well for his life and masadepannya it will improve learning outcomes as well. Thus the second hypothesis is accepted.

3. Emotional Intelligence significantly influence the Results of Learning Economics Subjects in grade XI IPS students in SMA Negeri 1 Minas. This indicates that the better or higher the emotional intelligence of a student, it will facilitate students in thinking well for his life and masadepannya it will improve learning outcomes as well. Thus the third hypothesis is accepted.

4. Simultaneously Interest Learning, Intellectual Intelligence and Emotional Intelligence significantly influence the Results of Economic Subject Study at XI IPS students in SMA Negeri 1 Minas Siak District. This indicates that the better or higher the interest of a student to a lesson that is balanced with the intelligence of Intellectual and Emotional Intelligence will be able to improve the learning results as well. Thus the fourth hypothesis is also accepted.

5. The level of influence of research results from the influence of Learning Interest, Intellectual Intelligence and Emotional Intelligence to Learning Outcomes, the level of influence Only amounted to 39.2% which means there are many other variables outside of this research Which can affect learning outcomes.
Recommendation
1. For schools, to increase interest in learning, students should teachers at school give more variety in the delivery of learning because many of the students quickly feel tired when carrying out lessons learned that many use the count.
2. For teachers, should improve the development of methods and learning models to hone the intelligence of students.
3. For students, should be able to improve their behavior in associating and thinking because what they do will berdapak against their learning outcomes and success later.
4. For future researchers, who will raise similar titles are advised to conduct research using independent variables outside of this study. Because there are 60.8% influences from other variables that may affect learning outcomes.

References
Diana, Nurhidayah, 2011. The Influence of Intellectual Intelligence and Emotional Intelligence against Student Achievement Class XI Accounting In Accounting Subjects at SMK Negeri 1 Surabaya. Essay. Surabaya State University. Surabaya.


