

No	Clause	Type	Function
1	Indonesia's result in the OECD Program for International Student Assessment, or PISA 2015 report, <b>shows</b> some improvements in the skills of students	Lexical verb	the writer uses shown in order to clearly state that the result of how many improvements in the skills of students
2	In <b>particular</b> , girls are performing better than boys in all subjects: science, literacy, mathematics. They are significantly better in reading.	Adverbial	The sentence and gives emphasis girls are performing better than boys in reading
3	From 72 countries and economies reviewed every three years, Indonesia ranks 62nd, a slight improvement compared to 2013. Indonesian students ranked the second <b>lowest</b> in the 2013 PISA ranking ( 71 ), worse than their ranking in 2009, when Indonesia ranked 57th	Adjective	The writers put these because they are sure and believe with what they been done through their investigate or research
4	The improvement of girls' performance has helped to lift Indonesia's ranking. But, overall, the performance of Indonesian students (girls and boys) in science, mathematics and reading is one of the <b>lowest</b> among PISA-participating countries with an average ranking of 62 out of 69 countries. (Three of the 72 assessments involved city groupings: Buenos Aires (Argentina), Beijing-Shanghai-Jiangsu-Guangdong (China) and Hong Kong (China)	Adjective	<b>The writer Believe that lowest can represent an increase in girls' performance has helped to lift Indonesia's ranking but Indonesia's ranking still on the bottom</b>
5	The score difference in the test in science, mathematics and reading between the 10% of Indonesian students with the <b>highest</b> scores and the 10% of students with the <b>lowest</b> scores is one of the <b>smallest</b> among PISA-participating countries. Indonesia's average ranking across the three subjects is 65th out of 69 countries.	Adjective	<b>The writer uses 3 items explain that Indonesia's ranking still in to the bottom average ranking across the three subjects is 65<sup>th</sup> out of 69 countries</b>
6	Inequality and school performance remain an issue in Indonesia. The	Adjective & Adverbial	<b>The writer put these because they are sure and believe with they have</b>

	percentage of low performers in science among disadvantaged students is among the <b>highest globally</b> . Indonesia ranks ninth among the countries on this measure of inequality		<b>been done through their study or research).</b> (The writer drag the reader attention to see low performance in science among disadvantaged students
7	Indonesian students overall do not <b>seem</b> to value or <b>see</b> opportunities in becoming a scientist.	Lexical verb	The writer confidently used seem and see because he has investigated Indonesian students and proved that they contained bad content regarding becoming a scientist
8	<b>Only</b> a small share of disadvantaged and advantaged students in Indonesia expect to pursue a career in science compared to other countries participating in PISA	Adverbial	The room for readers to argue by saying that students in Indonesia expect to pursue a career then it is not to participating in PISA
9	Among the few who want to pursue a career in science, Indonesian girls are <b>significantly</b> more <b>likely</b> than boys to want a science-related career	Adverbial & Adjective	We can see that the writer believes that Indonesia girls to want a science-related career
10	<b>It is found that</b> , 540,000 students (representing about 29 million 15-year-olds) in 72 participating countries and economies sat the test	Solidarity Feature	The strong indication shown by <i>it was found</i> help the writer to gives certainty to the propositions
11	The underlying assumption of the PISA testing is that “modern economies reward individuals not for what they <b>know</b> , but for what they can do with what they <b>know</b> ”.	Lexical Verb	The writer confidently used know because booster know is identified the underlying assumption of the PISA testing for modern economies reward individuals
12	The findings are a rigorous and systematic source of evidence that is <b>meant</b> to “provide evidence to policymakers about the knowledge and skills of students in their own countries ... it can help countries to learn from policies and practices applied elsewhere	Lexical Verb	He believed that the findings which cant to provide evicence about knowledge and skills it can applied elsewhere
13	<b>AS the results show</b> that students in high-income countries and economies do not <b>necessarily</b> perform better. Vietnam ranks eighth, higher than Australia and other OECD countries.	Solidarity feature, Lexical verb & Adverbial	The writer by using necessarily and gives emphasis in students in high-income countries. The strong indication shown by as the results help the writer to gives certainly to the proposition

14	While high-income countries and economies (with per capita GDP above US\$20,000) have more resources to spend on education, what <b>seems</b> to matter <b>most</b> in terms of quality and equitable education is the management of <b>educational</b> resources and the quality of teaching	Lexical Verb, Adverbial & Adjective	The writer confidently used <b>seems</b> because he has investigated high-income countries and economies <b>proved</b> that the important of educational resources and the <b>quality of teaching</b> (The writer believes that <b>educational</b> can represent how <b>important educational resources and the quality of teaching is</b>
15	<b>It is claimed</b> : “When teachers <b>frequently explain</b> and demonstrate scientific ideas, and discuss students’ questions, students score higher in science and have stronger beliefs in the value of scientific enquiry and are more <b>likely</b> to expect to work in a science-related occupation later on	Solidarity feature, Lexical Verb & Adverbial	Teachers expect to students can work in a science related occupation later on. Proposes a very strong proposition by using two booster : Frequently and likely. First, He defines that the teacher demonstrate scientific ideas and discuss students questions to students and he added teachers has expect students to work in a science-related occupation later on <b>strongly suggested the definition of reduplication proposed</b>
16	<b>We all know</b> , In the case of Indonesia, the resources are there. Education dominates social spending and 20% of the budget <b>has to</b> go to education	Solidarity Feature & Modal Verb	The writer strong commitment to his claims in explaining in the case of Indonesia that dominates social spending 20% of the budget for <b>education</b> to convince the reader in explaining the case of Indonesia
17	The PISA Report 2015, <b>it is found that</b> Indonesia’s quality of schools’ <b>educational</b> resources is one of the <b>highest</b> (fourth out of 69) among PISA-participating countries and economies	Solidarity Feature, Adjective & Lexical Verb	Certainly in explaining his findings which is Indonesia quality of schools educational resources is one of the highest among PISA participating countries and economies. The writer uses found it showed that the writer tries to strengthen their statement while explaining findings. The writer tries to convince the reader how prestigious Indonesia’s quality is. He puts educational and highest because those two words represent prestige of something

18	Having said that, this does not <b>mean</b> that schools in Indonesia have all that they need. Some regions are <b>still poorly</b> equipped	Lexical Verb & Adverbial	The writer believes that schools in Indonesia is not poorly equipped. The writer defines that school in Indonesia have all they need but still bad)
19	Primary and secondary education is the foundation of the Indonesian knowledge sector. Primary and secondary schools <b>have to</b> equip students with the analytical and critical thinking skills required to become <b>scientists</b> . They also <b>have to</b> inspire students to want to become researchers in any field	Modal Verb & Adjective	His primary objective is to convince the reader that primary and secondary education is as important as required to become scientists. He seems to say that his study has found the primary and secondary schools have to equip which the analytical and critical thinking skills
20	<b>As the results</b> <b>show</b> that Indonesia is <b>still</b> struggling. Without <b>skillful</b> students leaving compulsory education, Indonesian universities will not be able to expand and strengthen their research programs and improve their international standing	Solidarity Feature, Lexical Verb & Adjective	Emphasizes the statement by using still because he believes that the readers will be hardly nodding while reading the sentence since the fact that Indonesia lags behind in the field for scient. The writer uses show in order to clearly state that the result of PISA Indonesia is still struggling. The writer believes that The PISA results that Indonesia is still struggling if students leaving compulsory education without skillful will not be able to expand and strengthen research. the writer believes that The PISA results that Indonesia is still struggling if students leaving compulsory education without skillful will not be able to expand and strengthen research to present their findings assertively
21	In August 2015, at the International Conference on Best Development Practices and Policies organised by Indonesia's Ministry of National Development Planning, Michael Woolcock, lead social development <b>specialist</b> at the World Bank, said in his	Adjective	believes that specialist can represent how policies organized that middle-income countries like Indonesia have solved the "development 1.0 problems"

	keynote speech that middle-income countries like Indonesia have solved the “development 1.0 problems”		
22	The solution to the problems highlighted in the PISA report 2015 is not more resources. Rather, we need to use existing resources more efficiently	Modal Verb & Adverbial	The solution to problems in The PISA report that need to existing resources more efficiently. The writer put these because they are sure with his have been done through their research of the PISA report
23	More likely, Indonesia needs thousands of small answers informed as much as possible by good-quality research into what the problems are, what works, what does not work	Adverbial	The writer express the Indonesia need informed as much as by good quality research.

Table 1: Indonesia's PISA results show need to use education resources more efficiently

No	Section	Type	Function
1	As an illustration, a level III civil servant teacher who has a basic salary of Rp 2.9 million (US\$214) receives a certification salary of up to Rp 2.7, almost doubling their take-home pay. Teachers also receive another salary such as a regional allowance in some regions, including Jakarta	Adverbial	the writer expresses the government which has increased the salaries of certified teachers
2	Of course, this is good news for the 2,294,191 certified teachers compared to teachers’ uncertain fate in the past, when some worked part time due to insufficiently salaries	Adjective	He seems to say that his study has found the teacher's salaries is low in the past
4	The teacher certification policy is intended to increase national education performance; however, after almost 10 years of implementation, the results are not straightforward	Adverbial & Adjective	The writer put these because they are sure and believe with what he has been done through their study or research. the writer proposes a very strong by using almost, he defines the teacher

			certification policy in 10 years of implementation to increase national education performance "He in order to close the dialogue and leave no room to negotiate
5	Every year, certified teachers are evaluated through a competence evaluation. The results of last year's evaluation were <b>pathetic</b>	Adjective	the writer showed that a competence evaluation, certified teachers inadequate on pedagogic tests
6	Of more than 2 million certified teachers, <b>only</b> 192 achieved a score of 90 in pedagogical tests, and <b>most</b> scored below 56	Adverbial	He defines a pathetic competence evaluation. <b>only</b> limits the room to argue by saying that if certificate teachers achieved high score just little bit, then a certificate teachers in Indonesia is didn't all potentially
7	Looking at this reality, teachers <b>should</b> not play the blame game by citing the <b>poorest</b> quality of certification programs or <b>badly</b> programs at university	Modal Verb & Adjective	to emphasizes the need of teacher to not blame certification program. He seems to say that his study has found teachers should not blame or relying on quality of certification program at university so that teachers can developing their competencies
8	As part of change agents, teachers <b>should</b> play active roles in developing their competencies, not <b>only</b> relying on the government's program	Modal Verb & Adverbial	the writer believes that play active roles for developing teachers competencies. He defines, teachers competencies. he argues by saying that if the teacher relying on the government's program, then it is not developing their competencies
9	Although teachers are often positioned as victims of higher authorities and forced to comply	Adjective & Adverbial	The writer put these because can represent prestige of something and showed that



	with educational policies without having an opportunity to question them, teachers can still engage and enact such policies on a day-to-day basis in the classroom in meaningful ways as they have direct contact with students		teachers can still engage and enact policies).( the writer used still can clearly state that the importance of engage and enact teacher in educational policies (The writer showed that positioned as victim of higher)
10	As the forefront of educational change in classrooms, teachers need to ponder the basic role of being teachers. The answer is to facilitate students having added value in their lives	Adverbial & Modal verb	the writer showed that teacher as facilities students having added value in their lives showed that the writer confident in explaining her claims “educational change in classrooms that need to ponder the basic role of being teachers to facilitate students
11	Therefore, teaching should be centered on enabling students to learn more and realize their potential in life	Modal verb, Lexical verb & Adverbial	the writer showed that essential role of teacher as facilities students which true and proven in students' potential) (How the importance potential in life is (This means that is really confident and responsible with his proposition)
12	Even though that type of education is rarest under a standardized educational system like in our country, all parents in Indonesia hope teachers will modify their teaching to be more creative, innovative and joyful so that students can be motivated to learn new things	Adjective	the writers try to convince the reader how prestigious education is)  (tries to convince that all parents in Indonesia hope teachers will modify the teachers more be creative have to teach students can be motivated to learn new things)
13	In order to be able to teach in innovative and creative ways, teachers need to be intrinsically motivated	Modal verb & Adverbial	showed that the writer confident in explaining teacher coul in order to be able to teach in innovative and creative ways. That teacher in order to be able to

			teach are not only innovative and creative ways but need to be intrinsically motivated
14	External rewards such as additional salaries might not work well in improving our national education system, if teachers do not have personal belief or the motivation to become “champion teachers	Adverbial	the writer showed that external rewards is not working out to become champion teachers
15	We need to look back at our educational pioneer, Ki Hajar Dewantara, who lived in an era of limited information, unlike now	Modal verb & Adjective	the writer showed that to invites reader that to look back at educational pioneer .the writer to express give example toward our educational pioneer)
16	Yet, he was able to lay the foundations for meaningful education in our country	Adjective	the writer represent how pretigious the foundation education in our country
17	As a teacher, I believe he had much personal motivation to contribute to the country through building better education	Lexical Verb	showed the writer strong commitment in explaining As a teacher had much personal motivation to contribute building better education
18	Living in this time of rapidly and accessibility information, teachers can easily gain new knowledge on how to teach actively and creatively from books, the internet and their colleagues	Adjective & adverbial	The writer showed that living this era makes the teacher can easily gain new knowledge. that teachers can easily gain new knowledge on how to teach actively and creatively , emphasizing the write degree of confidence in proving the evidence.
19	To become champion teachers, we do not need to compare our country with other best-performing education systems worldwide such as those in Finland and Singapore	Modal verb	The writer confirms that to become champions teachers don't need to compare with other best performing education systems
20	After having discussions with educators and scholars around the world, I bravely argue that we should not rely on best practices in	Modal verb	The writer strong commitment to his claims in explaining that as teacher not



	teaching that we can learn from overseas		rely on best practice in teaching from overseas
21	Best practice in our education system will arise when teachers can identify what we have in our own schools and classrooms and think about how we can use them to facilitate students in creative and innovative ways	Lexical Verb	in order to clearly state that how teacher can use facility to facilitate students in creative and innovative ways

The table 2: Teachers' day: Questioning role of teachers in Indonesia

No	Tense	Type	Function
1	For decades, politicians have been debating over differential ideas for education reform for Indonesian education	Adjective	booster differential is identified the politicians have been debating for Indonesian reform education
2	As the result, show in the time when Indonesia's educational ranking in the world is still low, Effendy's plan on full-day schools seems very logic	Solidarity feature, adjective, adverbial and lexical verb	the sentence function is identified where the result of the study has revealed that Indonesia's educational is on bottom position of occurrences among all the writer has highlighted the point the urgency and yet delivered his advice to in Indonesia's educational who is weak in the world to improve to present their findings assertively

3	<p>Additional school hours could mean more educational outcomes. If school time are extended into 4 or 5 p.m., students can learn more</p>	Lexical verb and adjective	<p>He believe that full-day school there is educational outcomes which students can learn more. the writer believes that additional can represent how extended school hours students can learn more in school. (the writer believes that educational because this clause are sure and believe with what the writer have been done through his study)</p>
4	<p>The minister said that in the traditional hours students could learn on academic subjects such as math, science, and other learning subjects. Then, in the additional hours, students could do extracurricular activities, such as sports and religious activities to engage them in positive learning environments</p>	Adjective	<p>the writer believes that additional can represent how extended hours that students could do extracurricular activities</p>
5	<p>He goes on to states that parents could benefits from full-day schooling too. Knowing that students in a safe and positive environments would bring peace of minds for parents especially for them who are working full-time.</p>	Adverbial	<p>This sentences gives emphasis in working full-time</p>
6	<p>However, the full-day school will be another educational problem as it</p>	Adjective	<p>The writer used the booster educational to emphasize the</p>

	will fit in traditional schooling system in Indonesia		writer confident in expressing the full-day school problem
7	Before regulating any policy in Indonesian education, policy makers <b>should</b> consider of what is called by ‘grammar of schooling’, a term referring to regular structures and rules that organize how schools work. The term of ‘grammar of schooling’ was introduced by David Tyack and William Tobin from Stanford University to explain the rules and structures of schools that hindered any <b>educational</b> innovations and policies	Modal verb and Adjective	The writer strong commitment to his claims in explaining the regulating policy makers consider that organize how schools work.the writer used the booster educational to emphasize the writer necessary in grammar of schooling to explain the rule and structures
8	<b>It is believed that</b> school in Indonesia is rigid organization with <b>clear</b> objectives, standardized curriculum, and classes are divided and evaluated using traditional methodologies	Solidarity feature and lexical verb	The writer used it is believe that to convince the reader in explaining school in Indonesia are divided and evaluated using traditional methodologies is rigid organization.The writer has left very tiny room to argue
9	If we look at the <b>daily</b> activities of students in the classroom, we will see exactly the problem of Indonesian schools. <b>Most</b> of students and teachers are working to prepare for examination	Adjective and adverbial	The writer believe that there is the problem of Indonesia schools for students and teachers are working to prepare for examination

10	Therefore, teachers tend to explain lessons abstractly, then they ask students to work on students' worksheets to drill material discussed <b>previously</b>	Adjective	the writer strong commitment to his claims necessary drill material to students
11	While there has been numerous policies such as the <b>newest</b> 2013 curriculum that is <b>believed</b> to promote active learning and character building	Adjective and lexical verb	The writer strong commitment that 2013 curriculum to promote active learning and character building
12	if the structure and objective of schooling remains the same, any <b>educational</b> innovation will settle on the structure of traditional schooling practices	Adjective	the writer used the booster educational to emphasize the writer necessary in school to explain the structure of traditional schooling practices
13	. While the <b>additional</b> hours are expected for enjoying learning activities, they can turn to be <b>additional</b> times to do homework.	Adjective	The writer believe that additional can represent how expected for enjoying learning activities that they have times to do homework.
14	<b>In fact</b> , full-day schools will also add burden for teachers in that they <b>should</b> stay at schools, setting up lesson plan and preparing activities for <b>additional</b> hours	Solidarity feature, modal verb and adjective	The writer believes that additional can represent how extended hours that burden for teachers stay at school <b>it</b> gives more strength to the proposition, guides the reader to follow him and drives the reader to see the reality <b>the writer's</b> strong commitment to his claims in explaining full-day schools will also add

			burden for teachers that stay at schools
15	This could be unfair for them as they also need to get along with their families. Moreover, some of teachers still get treated unfair, receiving low salary	Modal verb and adverbial	The sentence, can clearly state that full day school's is as unfair for teacher. The writer's strong commitment to his claims in explaining the full-day schools that burden for teachers stay at schools, setting up lesson plan and etc for additional hours because there is existence unfair
16	I do believe that educational reform is a complex endeavor	Lexical verb and adjective	booster educational is identified the writer in education is a complex endeavor. Confidently stated that educational reform is a complex endeavor because he said In Indonesia has identified the problems of education and proved that they contained problem content regarding the problems of standardized testings and etc.
17	Our country has identified the problems of education countless times, such as the problems of	Adjective	The writer believes that respectful how the

	standardized testings that cause rigid schooling systems and create schools like a factory rather than nurturing creativity and respectful from students		problems of education are standardized testing cause terrible rigid schooling systems
18	Rather than regulating controversially full-day school that receive many disagreements from parents, now it is a time for education policy makers to ponder about the grammar or rules existing in Indonesian school systems	Adjective	The writer believes that controversially can represent how important education policy makers to ponder is
19	The clumsy rules such as excessively homework and examinations need to be reconsidered as they kill students' developments	Adjective	The writer to emphasize the writer confident in expressing the rules). (The writer believes that excessively because this clause is sure and believe with homework and examinations can kill students' developments
20	As supposed to teaching students to work collaboratively, the school environment create individual competitions. In this fast changing world, students need to have a collaboration and creativity	Adverbial and Modal verb	emphasize to teaching students the need of collaboration and creativity because collaboratively needs create individual competitions To advised the readers and movie goes to be open minded, but with collaboratively in line, the power and force of the statement



			become even collaborative
21	To change the grammar of schooling in our country, we <b>need</b> to think about the objective of schools to assist students <b>developmental</b> their skills, knowledge, and character	Modal verb and adjective	The writer believes that how important the grammar of schooling. The writer confident in explaining his claims “the grammar of schooling we need to think to change about assist students develop their skills, knowledge and character
22	So far, our schooling system has tended to put too many attentions to knowledge. Therefore, activities in schools <b>should</b> unite those three things in <b>daily</b> activities by having problem-problem based or project based learning to prepare for students to the real world learning	Modal verb and adjective	the sentence that meaning is essential in daily activities which is project based learning to prepare for students to the real world learning in schools to continue his idea from this phrase, having problem based and project that how important to prepare for students
23	In addition, schools <b>should</b> create rules and structures that can nurture students’ positive behavior and characters such as <b>respectful</b> and care	Modal verb and adjective	The writer believes that respectful can represent how school should create rules. The writer strong commitment to his claims in explaining the schools that create

			rules and structures can nurture student's positive behavior and characters
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