



# Analysis of Student's Motor Educability of MTS Andalusia Dolok Maraja During Covid – 19 Pandemic

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**Abstract.** This research aimed to determine the Motor Educability of MTS Andalusia Dolok Maraja students during the COVID-19 pandemic by analyzing the student's Motor Educability of MTS Andalusia Dolok Maraja. This research was a quantitative descriptive study with a survey research design using the Motor Educability test (IOWA BRANCH). The population in this study were all students attending MTs Andalusia Dolok Maraja with a total of 81 students. The instrument used by the researcher was the Motor Educability measurement test. Supporting the results of the Motor Educability test analysis, the researcher also distributed questionnaires to obtain information data about sample activities and also used absolute assessment results. Based on the research results, it can be concluded that the students' Motor Educability during the Covid-19 pandemic at MTs Andalusia Dolok Maraja, Tapani Dolok was (very poor), namely as many as 44 male students were in the (poor) category and 37 female students were in the (very poor) category.

**Keywords:** Motor educability, Covid-19 Pandemic

## 1 Introduction

The world is facing a global Coronavirus pandemic which has confused the school system in Indonesia. In 2020, based on a report from the Education and Culture Service, many schools refused to carry out face-to-face learning and were encouraged to complete web-based learning. Implementing advanced Internet requires the help of mobile phones, for example, cell phones, workstations, PCs, and tablets which can be used to access data anytime and anywhere [1]. The use of cell phones turns out to have a bad impact on students and young women who are busy accessing various applications, especially games, thus making them dependent on using cell phones for online learning.

Web-based learning is a form of learning that can make students free and not subject to other people. This is because through web-based learning students only focus on the tool screen to complete assignments or follow ongoing conversations. However, this can also cause limitations for educators, especially sports subject educators, who cannot

provide logical material directly, causing students to not be able to immediately strengthen the student's Educability Engine. Because of its enormous impact on students, the Education and Culture Service provided Roundabout Number 2 of 2020 concerning the Prevention and Treatment of Corona Virus at the Education and Culture Service and Roundabout Number 3 of 2020 concerning Corona Virus Management in Training Units.

Quoted from the page kemendikbud.go.id, the Imam of Education and Culture at the media preparation event on Transforming the Schooling System in the Corona Period said that "convincing educators not to complete all the material in the educational program, especially students who are involved in applicable learning such as basic abilities, welfare and compassion. In addition, the Department of Education and Culture issued Roundabout Letter Number 4 of 2020 concerning the Implementation of Training Strategies in the Crisis Period of the Spread of Covid Sickness (Coronavirus) which states that Gaining from Home via online /distance learning is carried out provides great growth opportunities for students, without making it difficult to complete all educational program achievements for grade promotion or graduation, Gaining from Home can be focused on teaching basic skills, including those related to the Coronavirus pandemic. This has very detrimental consequences when using the device.

One of the negative impacts of device users is that students have very easy access internet and play to achieve satisfaction without wasting more energy until the younger generation becomes dependent on the tool [2]. The habit of using devices is a peculiarity associated with the uncontrolled use of tools. Individuals with this problem face social, mental, and medical conditions. Teenagers who have a habit of using the device have criteria like losing the desire to be dynamic, continuously discussing innovation, often refusing requests if it prevents them from using tools, being sensitive or easily irritated which can make their temperament change effectively, narrow-minded, troublesome. sharing time using devices with other people, and often lying. Overall, kids will find ways to keep using their tools even until bedtime [3].

In practice, many things need to be considered, including body condition, posture, inspiration, interests, talents, and even more so knowledge of sports. Of course machine dominance fluctuates, from high machine authority to low machine dominance. This can affect their developmental abilities. As said . The translation of Engine Edu [4] cability indicates how a person feels cheerful or modest in athletic ability. Therefore, one of the exercises that students can do is complete the Engine Educability test.

Engine Educability is an individual's capacity to learn new developments (New Coordinated Movements). The Engine Educability trait gives an idea of someone learning new developments without any problems. The higher the instructive capacity, the easier it is to dominate new developments. Past research results show how high-engine educability can work on coordinated movement, learning inspiration, and students' capacity to learn new developments. Based on the perception of the leadership at the MTS Andalusia Dolok Maraja school, and data from educators who teach, MTS Andalusia Dolok Maraja students have just received the material. just learning sports, due to limitations in outdoor training due to the Corona - 19 virus, these are the variables

that have an impact on the Educability Engine of MTS Andalusia D Ejek Maraja students.

Considering the basic problems above, the analyst is interested in directing the "MTS Andalusia Dolok Maraja Student Machine Education Test".

## 2 Method

This method is from C. Sugiono's research [5] said enlightened exploration was the research directed to determine the autonomous factor value, probably the less one of factor (free) without doing correlation, or connecting with different factors. Meanwhile, according to Ali Maksun, the clear research was the research aimed to describe the specific side effects, oddities, or events. Information collection is carried out to obtain data relating to specific characteristics, conditions or factors and is not expected to complete theory testing. This exploration provides quantitative enlightenment. [5] said that enlightenment exploration is research aimed at determining the value of autonomous factors, possibly at least one (independent) factor without making correlations, or linking them to different factors. Meanwhile, according, clear research is research that aims to describe side effects, oddities or certain events. Information collection is carried out to obtain data relating to specific characteristics, conditions or factors and is not expected to complete theory testing.

## 3 Result

This test has finished in MTs Andalusia Dolok Maraja, Daerah Tapian Dolok, Kabupaten Simalungun on 26-28 July 2023 with grade 7, 8 and 9 totaling 81 students, consisting of 44 students and 37 female students.

The information investigation method used is an enlightening examination strategy, namely by describing and explaining information from all parts. The information obtained from the information collection will be analyzed using a clear quantitative strategy.

Table 1. Motor Educability

No	Name	Frequency	Score(%)	Category
1	Afrizal I	5	50%	Enough
2	M. Ibnu	6	60%	Enough
3	Yusuf A	3	30%	Poor
4	Thalib S	3	30%	Poor
5	Tomi A	7	70%	Good
6	Ernandes	3	30%	Poor
7	Chsya	3	30%	Poor
8	Selamet H	3	30%	Poor
9	Dafa K	3	30%	Poor
10	Fadlan A	4	40%	Poor
11	Ahmad Z	3	30%	Poor

No	Name	Frequency	Score(%)	Category
12	Ahmad A	3	30%	Poor
13	M. Aril	4	40%	Poor
14	Bayu A	5	50%	Enough
15	Rabil S	3	30%	Poor
16	Arya P	3	30%	Poor
17	Azril P	4	40%	Poor
18	Ramadhan	4	40%	Poor
19	Aditya N	3	30%	Poor
20	Fahri	3	30%	Poor
21	Rehan D	3	30%	Poor
22	Ahmad F	3	30%	Poor
23	Fadillah A	4	40%	Poor
24	Sopandu	4	40%	Poor
25	Sandi B	4	40%	Poor
26	Renaldi	4	40%	Poor
27	Rizky A	4	40%	Poor
28	Dava T	4	40%	Poor
29	Khairul Q	5	50%	Enough
30	Bima D	3	30%	Poor
31	Rafi	5	50%	Enough
32	Nicholas	3	30%	Poor
33	Rendy	5	50%	Enough
34	Lingdu	4	40%	Poor
35	Afridho	4	40%	Poor
36	Dennis	5	50%	Enough
37	Adip	5	50%	Enough
38	Ariel Z	7	70%	Good
39	Putra	4	40%	Poor
40	Raka	4	40%	Poor
41	Sanjay	4	40%	Poor
42	Fadel	4	40%	Poor
43	Ahmad	7	70%	Good
44	Reza H	4	40%	Poor
<b>Total</b>			<b>40.45%</b>	<b>Poor</b>

This table above explained the result of the Motor Educability Test carried out by 44 male students with a percentage obtained of 40.45% of the maximum score. Thus, Motor Educability can be declared "Poor" based on the test carried out by male students at MTs Andalusia Dolok Maraja, Tapani Dolok District, Simalungun Regency.

**Table 2. The Result of the Male Category**

No	Category	Score	Percentage
1	Very Good	0	0 %

No	Category	Score	Percentage
2	Good	3	7 %
3	Enough	8	18 %
4	Poor	33	75 %
5	Very Poor	0	0 %
<b>Total</b>		<b>44</b>	<b>100 %</b>

**Table 3. Result of Motor Educability Test**

No	Name	Frequency	Score(%)	Category
1	Regina I	2	20%	Very poor
2	Siti N	1	10%	Very poor
3	Fauzia S	1	10%	Very poor
4	Rifah	1	10%	Very poor
5	Putri Y	1	10%	Very poor
6	Azrah D	1	10%	Very poor
7	Sherin N	1	10%	Very poor
8	Shiza L	1	10%	Very poor
9	Saskia W	1	10%	Very poor
10	Siti K	1	10%	Very poor
11	Intan H	1	10%	Very poor
12	Charissa P	1	10%	Very poor
13	Risma I	1	10%	Very poor
14	Dini	0	0%	Very poor
15	Nur	1	10%	Very poor
16	Aziizah	1	10%	Very poor
17	Intan	1	10%	Very poor
18	Fauzia	0	0%	Very poor
19	Widya	1	10%	Very poor
20	Santi	0	0%	Very poor
21	Indah	1	10%	Very poor
22	Depi	0	0%	Very poor
23	Meyda	0	0%	Very poor
24	Dinda	1	10%	Very poor
25	Cahya	1	10%	Very poor
26	Azzurah	0	0%	Very poor
27	Amelia	1	10%	Very poor
28	Sri	0	0%	Very poor
29	Melli S	1	10%	Very poor
30	Mutia	1	10%	Very poor

No	Name	Frequency	Score(%)	Category
31	Indri	1	10%	Very poor
32	Maysarah	1	10%	Very poor
33	Adelia P	1	10%	Very poor
34	Hayatun	0	0%	Very poor
35	Laras	1	10%	Very poor
36	Anggun	1	10%	Very poor
37	Dina S	1	10%	Very poor
<b>Total</b>			<b>8.10%</b>	<b>Very poor</b>

In the table above you can see the results of the Motor Educability test carried out by 37 female students with a percentage obtained of 8.10% of the maximum score. Thus, Motor Educability can be declared **"Very Poor"** based on the test carried out by female students at MTs Andalusia Dolok Maraja, Tapian Dolok District, Simalungun Regency.

**Table 4. The Result of the Female Category**

No	Category	Score	Percentage
1	Very Good	0	0 %
2	Good	0	0 %
3	Enough	0	0 %
4	Poor	0	0 %
5	Very Poor	37	100 %
<b>Total</b>		<b>37</b>	<b>100 %</b>

#### 4 Discussion

This exam is expected to determine the Mechanical Education of MTs Andalusia Dolok Maraja students after the Corona Virus Pandemic.

Engine Educability Investigation can help teachers find out the degree of Engine Educability of MTs Andalusia Dolok Maraja students after the Corona Virus Pandemic. For actual students, the Engine Educability trait paints a picture of someone learning new developments without difficulty. The higher the instructive capacity, the easier it is to dominate new developments.

This research process begins with providing introductory material regarding Motor Educability. Next, researchers distributed questionnaires regarding the activities carried out by students during Covid-19. Then, from the results of the questionnaires filled out by students, answers were found that were less supportive of sports activities during the Covid-19 period. Then, based on the results of the questionnaire, the researchers gave

treatment in the form of a Motor Educability test to determine the level of Motor Educability ability of MTS – Andalusia Dolok Maraja students.

Based on the results of the data analysis above, we found that there were 3 children in the good category named Tomi, Ariel and Ahmad out of a total of 44 male students. This is also in line with their questionnaire where these three children are active in daily physical activities in their environment with participate regularly in either training or competing in the Dolok Maraja village football club where they live. Motor Educability is influenced by children's activities in their daily lives.

This is in accordance with Clarke that "Engine Educability is students' directness in accepting new development assignments. Students who have good Engine Educability will easily recognize the development efforts provided." This assertion is in accordance with the consequences of this examination. where Mts Andalusia Dolok Maraja students experienced obstacles in completing new developments provided by scientists. Another finding for girls is that there has been a reduction in games that involve physical activity in the children's activities and spending more time interacting with gadgets or cell phones, which has resulted in girls' physical abilities becoming very poor.

## 5 Conclusion

Based on the research results, it can be concluded that the Motor Educability of students during the Covid-19 pandemic at MTs Andalusia Dolok Maraja, Tapian Dolok District was (very poor), namely as many as 44 male students in the (low) category and 37 female students in the (very poor) category.

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