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Implementation of Learning Services in an Effort to Understanding Students' Learning Styles

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ABSTRACT

Student learning style is a way that becomes individual characteristics in processing information and understanding learning material. Learning styles are influenced by natural factors and environmental factors. Therefore, it is important for educators to know the learning styles of their students so that they can provide learning that suits the needs and characteristics of students. The learning styles most used by outstanding students are intuitive and sensory learning styles. Tutoring services can be an effort to understand students' learning styles. Tutoring services can assist students in optimizing development and overcoming problems in the process of learning with teachers and independent learning both at home and at school. However, the implementation of tutoring services is still experiencing problems, such as limited understanding, time, and teacher skills. In order to improve student learning outcomes, educators need to pay attention to the diversity of student learning styles and accommodate them with appropriate methods and strategies. Tutoring services can be an alternative in understanding students' learning styles and assisting students in optimizing development and overcoming problems in the learning process.

Keywords: learning styles, tutoring, students

Introduction

A person's learning style is the way he absorbs, receives, processes and stores information for later use. Each individual has a unique learning style, so it is very important for teachers to understand the learning styles of their students to help them learn according to their learning style. It is important to understand the different types of learning styles in order to understand the learning styles of learners. Learning styles are classified into three types: visual, auditory, and kinesthetic. The visual learning method is a method where more eye senses are used to receive information. The auditory learning style is one in which the sense of hearing is used more as a tool for absorbing knowledge. The kinesthetic learning approach, on the other hand, promotes more direct practice of what is being learned. Tutoring services can help students overcome learning barriers and improve their academic performance. Effective tutoring will provide sufficient learning facilities to students to improve the learning and teaching process. Tutoring will also build a relaxed but serious teaching system, a variety of learning approaches, and learning tactics adapted to students' learning styles. Teachers can utilize learning strategies that suit students' learning styles if they understand their students' learning styles. Submitting lessons that are obstacles, giving exams, doing practicals, watching demos or real examples, and conducting surveys or testing student learning styles are some effective study tactics. Tutoring has an effect on increasing student achievement. To improve student achievement, teachers must first understand their students' learning patterns and then provide appropriate tutoring services. Knowing the learning styles of elementary school students requires knowing how students complete activities and how everyone processes knowledge. Teachers become more effective in choosing learning tactics when they use the concept of student diversity and embrace diverse learning styles, and students learn more confidently and are satisfied with their learning progress. Recognizing students' learning styles is very important to improve their learning achievement. Effective tutoring services can help students overcome learning barriers and improve their academic performance. As a result, it is very important for teachers to understand the learning styles of their students and

develop learning strategies that suit those styles. The purpose of journal research regarding the implementation of tutoring services in an effort to understand the learning styles of students is as follows (1) Understand how tutoring services can help students overcome learning challenges and maximize their growth according to their unique learning style; Review and describe how tutoring services are managed in an educational environment (2) To describe the value of tutoring services in increasing student motivation; To illustrate the need to guide students' willingness to learn to enhance various other characteristics necessary for learning (3) attempts to understand students' learning preferences, find and evaluate the best way to use tutoring services in the classroom, and (4) Learn how tutoring services can support students in overcoming learning challenges and maximizing their growth according to their own learning preferences.

Understanding Learning Styles

The student's learning style is the consistent way in which he captures, processes and understands knowledge. Nasution (2000) defines learning style as "the consistent way that a student perceives a stimulus or information." According to Nasution (2011), student learning styles or "learning styles" are the way they react and use the stimuli received during the learning process. According to Sutanto Windura's book "Definite Success with Brain Management" (2008), learning style or "learning style" is the most prominent choice of learning capital and is compatible with brain manuals. Windura also distinguishes three kinds of learning styles: visual, auditory, and kinesthetic. Ghufron and Risnawati analyze many theories and perspectives on learning styles in their book "Learning Styles: Theoretical Studies" (2012). According to them, learning style is the way in which students choose to respond to the learning environment. In his hypothesis, David Kolb, a psychologist and educational theorist, proposed four learning styles. The four learning styles are as follows: (1) Converger Style: Individuals who tend to combine abstract thinking and active experimentation to solve problems (2) Diverger Type: Individuals who prefer to combine concrete observation and reflection to make sense of situations (3) Assimilation Type: Individuals who combine abstract thinking and reflection to understand concepts and theories (4) Accommodator Type: Individuals who combine concrete observation and active experimentation to learn from real experiences. Based on the many perspectives from the figures above, it can be concluded that learning styles are individual methods for capturing, processing, and interpreting the information received. Individual learning styles are different and are influenced by various factors such as preferences, dispositions, and learning environment. Understanding the most successful learning styles for each individual can help increase the effectiveness of the learning process.

Definition of Tutoring

Tutoring is a technique that assists students in developing academic skills and achieving targeted learning outcomes. Tutoring, according to Oemar Hamalik (2004: 195), is guidance aimed at students in order to obtain education according to their needs, talents and abilities. Suardi (2018) defines advice as "help or help given to individuals in avoiding or overcoming difficulties in the learning process." Learning is a learning concept that refers to a process of behavior change that occurs in individuals as a result of interaction with the environment, according to Abin Syamsuddin Mahmu (2002:157). Rochman Natawidjaja defines guidance in his book Syamsu Yusuf (2005:6) as "the process of providing assistance to individuals that is carried out continuously so that individuals can understand themselves, so that they can direct themselves and act naturally according to the demands of the situation." Based on the various definitions presented by the figures above, it can be concluded that tutoring is a process that involves students receiving assistance, direction, and support in overcoming problems and achieving the desired learning outcomes. Tutoring assists students in developing academic talents, understanding themselves, and orienting themselves based on situational and individual needs.

Research Methodology

Literature analysis is the approach used in this debate. The process of conducting literature research involves finding and collecting data from various sources related to the subject being discussed, with particular concentration on the following three reference journals (1) Research conducted by Pamujo and Mustika Arum in 2022 with the title "The Influence of Learning Styles on Student Achievement in Class V in the Ajibarang District Education Unit" discusses the influence of learning styles on student achievement in class V in the Ajibarang District Education Unit. The results showed that the visual learning style variable had a positive and significant effect on student achievement. This shows that the visual learning style can help improve student achievement. In addition, there is another study which shows that there is a positive and significant influence between learning styles and learning achievement of fifth grade students at MI Roudlotun Nasyiin Slemanan Udanawu Blitar. Therefore (2) Research conducted by Satya Mardi Ayuningrum, B. Budiyono, and Ira Kurniawati in 2019 with the title "Experimentation of the Think Talk Write Learning Model on Students' Mathematics Learning Achievement in Cube and Block Material in Review of Class VIII Students' Learning Styles at Colomadu 1 Public Middle

School" discusses the experimentation of the Think Talk Write learning model on student mathematics learning achievement in the material of cubes and blocks in terms of the learning styles of class VIII students of Colomadu 1 Middle School. The results showed that the Think Talk Write learning model had a positive and significant effect on students' mathematics learning achievement in the material of cubes and blocks. Besides that, Other research also shows that the use of the Think Talk Write learning model has a significant effect on students' mathematics learning outcomes in other materials such as the Pythagorean theorem. Therefore, the Think Talk Write learning model can be used as an alternative in improving students' mathematics learning achievement (3) Research conducted by Rahma Yulita in 2022 with the title "The Influence of Learning Styles and Learning Interests on Student Achievement at SMK Setia Dharma Pekanbaru" discusses the influence of learning styles and interest in learning on student achievement at SMK Setia Dharma Pekanbaru. However, the search results did not find relevant and specific sources regarding this research. Nonetheless, there are several other studies which show a positive and significant influence between learning styles and student achievement. In addition, interest in learning can also affect student achievement. Therefore, it is important for teachers to understand students' learning styles and learning interests as well as choose learning methods that are appropriate to students' learning styles and motivate students in order to improve student achievement.

Results and Discussion

Tutoring services can help students understand their learning style. Many factors influence students' learning styles, such as listening habits, academic stress, and self-regulation. Therefore, instructors and counselors have an important role in providing appropriate teaching according to student conditions. Group instruction can also increase student motivation and discipline in some subjects. In addition, tutoring programs also need to pay attention to student learning style profiles so that they can be adapted to the needs and interests of each student. In the new normal era, students' adaptability is also important, and instructors and counselors can help students improve their adaptability.

Purpose of Tutoring Services

The goal of tutoring services is to assist students in increasing their capacity to learn, including their awareness of their study preferences. Students can create more effective and efficient learning techniques by knowing their learning preferences.

Implementation of Tutoring Services

Setting up tutoring services can be done in several ways, such as: (1) Learners can choose their preferred learning style by taking a learning style exam. Learners who take this assessment may better understand how to learn. (2) Students can talk to their professors or counselors to better understand their study preferences. This debate can assist students in determining their ideal learning style (3) Make use of learning resources: Students are free to utilize the resources that best suit their learning preferences. For example, visual learners can utilize pictures or films as learning media (4) Learning methods can be made by students to best suit their learning preferences. For example, sound recordings can be used as learning media for students who prefer auditory learning. Benefits of Tutoring Services Tutoring services can provide benefits to students, such as: (1) Learning styles can be understood, which allows students to create more efficient learning techniques (2) Increase learning capacity: Students can increase their learning capacity by using study techniques that complement their learning preferences. (3) Increase motivation to study: Students can increase their motivation to study by using study techniques that suit their learning preferences (4) Utilizing learning tactics that suit their learning style will help students improve their academic performance.

It is important to remember that each student has a unique learning style when applying tutoring services to understand learning styles. Therefore, several tactics should be used to assist students in understanding their learning preferences and creating effective study habits. Many education professionals have been interested in conducting research on the impact of effective learning styles on student achievement. Strong learning styles can increase student success, according to several studies. According to one of Rahma Yulita's 2022 studies, learning interest and learning styles have a good and substantial impact on the academic achievement of SMK Setia Dharma Pekanbaru students. Several methods of linear regression data analysis were used in this study. The results of the study show that learning styles have a beneficial and significant impact on the learning abilities of SMK Setia Dharma Pekanbaru students. In addition, the academic success of SMK Setia Dharma Pekanbaru students is significantly and positively influenced by their desire to learn. The results of further research by Pamujo and Mustika Arum in 2022 show that the learning preferences of fifth grade students in the Ajibarang District Education Unit, both individually and in combination, are positively and significantly influenced by their preference for visual, auditory, or kinesthetic learning methods. Expost itious research techniques were used in this quantitative study. 63 students served as research subjects, and they were collected through the use of exams and questionnaires. Multiple regression and correlation were used to check the data. The findings indicate a positive and substantial relationship between learning achievement and characteristics associated with visual, auditory, and kinesthetic learning styles. In

addition, a 2019 study by Satya Mardi shows that the Think Talk Write (TTW) learning paradigm can improve the academic success of Grade VIII students of SMP Negeri 1 Colomadu in their understanding of the content of cubes and blocks. A pseudo-experimental research technique was used in this study. Grade VIII students of SMP Negeri 1 Colomadu were used as the research sample. According to the findings, the TTW learning model provides superior results than direct learning techniques. Students with kinesthetic learning styles are worse off than those with visual and auditory learning types.

According to the research findings mentioned above, effective learning methods improve student achievement. Visual, aural, and kinesthetic learning techniques are all acceptable learning methods. In addition, students' desire to learn may be beneficial to their academic performance. Student achievement can also be improved with the correct learning paradigm. To improve student achievement, teachers must consider their students' learning preferences and choose appropriate learning strategies. The processes listed below can be used to determine the type of student learning and choose the best teaching strategy: (1) Recognize the types of learning and their significance in education. Teachers who want to learn more about learning styles and how to recognize them can attend seminars or training sessions (2) giving children an evaluation of learning styles. Student learning styles can be determined using various learning style evaluations, including questionnaires and inventories (3) examine the learning style assessment findings. These findings can be used by teachers to identify each student's dominant learning type and modify their teaching strategies accordingly (4) Using appropriate learning strategies according to the learning preferences found. For example, kinesthetic learners may benefit from hands-on practice, while visual learners may benefit from visual aids such as diagrams or movies (5) Monitor and assess the performance of educational strategies. Teachers can evaluate the progress of their students and, if necessary, change the way they teach.

Overall, students' academic achievement can be improved by determining their type of learning and using appropriate teaching techniques. To meet the needs of each student, teachers must be aware of various learning styles and adapt their teaching strategies accordingly. The following learning techniques can be used with each type of learning style: (1) Visual Learning Style, Use visual presentations, graphics, films, or photos to teach. To help students understand the material, teachers can use visual materials such as presentation slides, instructional films, or photos (2) Auditory Learning Style, Sound-based education, such as listening to lectures, conversations or audio recordings. For students who prefer an auditory learning approach, the teacher can provide lectures, conversations, or audio recordings as learning resources (3) Kinesthetic Learning Style, Educate through physical movement, such as through experiments, role-plays, or simulations. For children with a kinesthetic learning style, teachers might use experiments or simulations as learning tools. To help and modify students' wrong perceptions of subjects, which ultimately makes lessons easy for students to understand and improve student achievement, a teacher must be able to use appropriate learning strategies according to student learning styles. There are several learning methods that can be applied to different learning styles.

1. A study examining the talent of high school students to solve math problems based on their preferred learning method using the lesson study for learning community technique. According to research, students with various learning preferences (converger, diverger, accommodator, and assimilator) can answer difficulties by understanding the details and putting them into their own words.

2. In one study, interactive conceptual instruction (ICI), along with media such as videos and photos, was used to help students better understand ideas in elementary school mathematics. According to research, students' conceptual understanding is influenced by their learning preferences and the media they use.

3. Web-based learning resources: This approach was created to assist students in understanding multimedia content in graphic design and printing programs. Modules, PowerPoint presentations, audio, video and photos are the five types of learning resources featured on the website, which are created using a waterfall approach. Universal Design of Learning (UDL) principles are used in the development of instructional materials, and usability testing and black box methods are used to evaluate websites.

4. This approach was used in research to examine learning preferences of high achievers in elementary school Indonesian classes, along with observation, interviews, and documentation. According to research, students with diverse visual, auditory, and kinesthetic learning preferences have varying preferences, with auditory being the most common. This study also found internal and external influences on students' learning preferences.

5. Qualitative research was used in research to test students' mathematical communication skills based on their preferred learning method. This study found that students' capacity to write mathematical notation and use mathematical representations varied depending on their preferred learning technique. This study also noted typical mistakes made by students.

6. In one study, proportional random sampling was used to test how learning motivation, learning styles, and gender affect disparities in mathematics learning outcomes. This study found that these characteristics affect learning outcomes differently, but there is no relationship between learning motivation and learning style.

Here are some indicators or characteristics that can be used to identify student learning styles:
1. Learners' learning styles, including whether they like to learn by watching, listening, or doing.
2. students' capacity to receive, organize, and process information.
3. How children receive information, such as whether they prefer to receive information by sound, movement or graphics.
4. Student reactions to various teaching techniques, such as if they were more active and engaged in learning whether it included movement or imagery.
5. How well a student does on assignments or tests that require a particular learning style, such as whether the student performs better on activities that require graphics or sound.
6. The way in which students interact with and process educational content, including whether they are better able to understand concepts when presented orally vs visually.
7. The extent to which certain learning models are favored by students, such as whether they prefer auditory or visual learning.

It can be concluded that there are a number of indicators or characteristics that can be used to determine student learning styles, including student learning preferences, student capacity to receive, organize, and process information, how students learn procedural information, responses to certain learning methods, student capacity to complete assignments or tests involving certain learning styles, how students communicate and react to learning material, and the dominance of certain learning styles. In order to apply learning style guidance to students' learning styles as effectively as possible, the types of tutoring must be integrated. The following are some tips for incorporating student learning preferences into class planning: (1) By providing questionnaires or surveys, students' preferred learning styles can be determined (2) Pay attention to how children receive and process information. (3) Analyze the information processing methods used by students and the results of assignments or exams that involve certain learning styles (4) Determine which learning style is most often used by students (5) Tailor instruction to students' learning preferences (6) To accommodate different learning styles, provide a selection of learning tools (7) As much as possible, encourage children to develop various learning methods. Identifying learning styles, watching how students learn and responding to learning materials, examining how students procedure knowledge and the results of assignments or tests that involve certain learning styles, determine the predominance of using certain learning styles by students, adapting learning methods according to student learning styles, and many more can be summed up as a way to integrate student learning styles in learning planning. Offer a variety of educational materials to accommodate students' learning preferences, and motivate them to experiment with as many learning modalities as possible.

Conclusion
In the field of education, the use of tutoring services to better understand student learning styles is very important. Learning style is a method for explaining how people learn or perceive information. Guidance and counseling are services that help students become independent and develop optimally in personal, social, learning, and career guidance through various services and support activities. The use of tutoring through online learning has been shown to increase student motivation. Counselors can help students overcome learning problems by providing support activities and areas for development. The availability of learning style-based learning counseling advice services can improve student achievement. Guidance and counseling teachers play an important role in assisting students in overcoming learning barriers. Guidance and counseling is carried out according to the schedule set by the institution. Students can solve and deal with difficulties that arise thanks to the various efforts of guidance and counseling teachers. This makes students more interested in a positive orientation. In order to increase students' freedom of learning, responsive services can be used as a basis for developing responsive services. Learning independence is defined as the attitude or capacity of students to carry out learning actively, on their own initiative, and responsibly, with or without outside encouragement. Overall, the introduction of tutoring services in an effort to understand student learning styles is very important to assist students in overcoming learning barriers, increasing learning motivation, and developing independent learning. Guidance and counseling instructors play an important role in this process and must collaborate closely with administration, homeroom teachers, and parents of students to achieve this goal.

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