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The Advantages of Quantum Learning Strategy in Increasing Student Motivation and Achievement

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Abstract: Learning is not just a process of transferring knowledge, but rather an inner and intellectual journey that touches the hearts of students. The Quantum Learning learning strategy is present as an approach that places students as the center of learning by combining elements of emotion, real experiences, and meaningful interactions. This study aims to examine the advantages of the Quantum Learning strategy in increasing student motivation and learning achievement through a humanistic and comprehensive approach. By emphasizing the principle that every child has extraordinary potential that can grow in a positive learning environment, this strategy creates a fun, dynamic, and empathetic classroom atmosphere. The learning process no longer feels burdensome, but becomes an inspiring and empowering experience. Through the TANDUR steps (Grow, Experience, Name, Demonstrate, Repeat, Celebrate), students not only understand the material, but also feel the meaning behind it. The results of the study show that Quantum Learning is able to increase students' intrinsic motivation and encourage them to achieve with self-awareness and high learning enthusiasm.

Keywords: Quantum Learning, Learning Motivation, Student Achievement

INTRODUCTION

One of the biggest challenges facing the world of education in Indonesia is the still low quality of education. So, to change this situation, improving the quality of learning is very important. In this process, the role of teachers cannot be separated. Teachers are not only teachers, but also companions and mentors who try to understand the needs of each student, raise their spirits, and help them grow both in knowledge and character.(Nurfadilah & Nurachadijat, 2023). In addition to teaching and helping students develop academically, teachers also play a vital role in creating a safe, welcoming, and loving school environment. They strive to build an atmosphere that values differences, embraces diversity, and rejects all forms of discrimination and injustice. In their daily lives, teachers work with students, parents, and fellow school colleagues to foster mutual respect and create a positive learning community. Teachers are not only educators but also lifelong learners. They are constantly open to new things, following developments in education, technology, and better ways of teaching.(Hanaris, 2023).

To create a warm and supportive learning atmosphere, teachers need to understand that each student is a unique individual with different ways of learning. Therefore, it is important for teachers to use diverse and meaningful learning strategies. The right strategy not only helps students understand the material, but also makes them feel involved, valued, and motivated. When learning is done monotonously and without variation, students can feel bored and lose enthusiasm. This feeling of boredom not only hinders the learning process, but can also dim their curiosity and natural potential. (Firdiani, 2018). Through learning methods, teachers have the opportunity to shape students' way of thinking and invite them to be actively involved in the learning process. The process of sharing knowledge can also be done in a more varied, interesting, and enjoyable way, so that students feel appreciated and motivated to learn. However, in reality, many teachers in Indonesia still face challenges in creating a warm and supportive learning atmosphere. Not a few of them have difficulty attracting students' attention or inviting them to be truly present, not only physically, but also emotionally in learning. This shows the importance of a more humane approach where teachers and students understand each other, connect with each other, and grow together in the educational process. (Syahputra et al., 2023).

With a more creative and humane approach, teachers can rekindle the spirit of learning, making the classroom a fun, inspiring space, and growing together. From the many learning strategies here the author suggests a quantum learning strategy or approach which is a learning approach during the learning and teaching process. This approach not only focuses on academic achievement, but also pays attention to students' feelings, environment, and emotional comfort. (Insyiroh et al., 2025).

METHODS

This study uses a literature study method as the main approach. This method was chosen because it allows the author to deeply understand various ideas, theories, and previous findings related to the role of teachers and humanistic learning strategies in improving the quality of education. Through searching various sources such as scientific journals, books, and relevant articles, the author attempts to construct a comprehensive understanding, not only based on data, but also based on the human values contained in educational practices.

This literature study approach is carried out in a reflective and critical manner. Each source used is analyzed not only from the academic content side, but also from the social, cultural, and emotional context that accompanies it. The author tries to explore how educational ideas that favor humanity develop, as well as how values such as empathy, diversity, and a sense of mutual respect is applied in learning practices. Thus, this study voices the hope for a warmer and more meaningful education for each individual.

In the process of collecting literature data, the author uses a selective approach by selecting relevant and up-to-date sources, especially those discussing humanistic approaches and learning strategies such as Quantum Learning. The main focus of this study is how teachers can create a learning atmosphere that humanizes students, pays attention to their emotional needs, and builds mutually supportive relationships. It is hoped that the results of this study can contribute to creating a more inclusive, enjoyable, and empowering learning environment for both teachers and students, so that a teacher can choose the right approach or learning strategy to increase student motivation and achievement.

RESULTS & DISCUSSION

Understanding Quantum Learning Strategy

The term "strategy" does come from the military world, but its meaning can also be applied in the world of education. In this context, strategy is no longer about physical combat, but rather about how educators design the most effective learning process to help students achieve understanding and learning success. Before developing a learning strategy, a teacher or educator needs to first understand the "strengths" and "challenges" of students such as students' initial abilities, their learning styles, learning environment conditions, and obstacles they may face. From this understanding, an appropriate learning approach can be designed: teaching methods, relevant materials, and humanizing delivery methods.

The strategy in education is then realized in real actions in the classroom in the way teachers talk, listen, provide space to grow, and build meaningful relationships. All of this is done not just to transfer knowledge, but to touch hearts, foster curiosity, and facilitate the growth of the potential of each child as a whole human being.(Asrori, 2016).

In quantum understanding, everything is basically energy. Quantum is often defined as the process by which energy is transformed into light through various forms of interaction. If we look at it from this perspective, then life itself is a series of relationships and events that interact with each other, creating waves of energy that bring light. In our daily lives, we are actually collecting light from encounters with other people, from touching words, from moving ideas, from sincere love. All of that becomes the energy that makes us live as human beings not only breathing, but also feeling, understanding, and illuminating the world around us.(Ulfawati et al., 2024).

So from the explanation above, it can be understood that even though it comes from the military world, the strategy in education is not about mastering, but understanding. Teachers are not warriors on the battlefield, but companions who walk with their students. Before teaching, they need to know who their students are, what they can do, what they are afraid of, how they learn, and what they need. From there, teachers develop teaching methods that not only fill the head, but also touch the heart. They speak warmly, listen sincerely, and create a safe space so that students can grow into themselves. In the quantum view, life is a flow of energy. Every meeting,

every word, brings light. We bring each other to life through love, attention, and presence. So educating and living are truly the same as illuminating, strengthening, and humanizing.

History of Quantum Learning

Bobbi DePorter was not an educator from the start. She started her journey as a housewife, then tried her luck in the world of property and finance. However, when her business failed, she found her true calling in the world of learning. From that life experience full of twists and turns, a new passion was born in her to help others learn, not only about school lessons, but also about how to live life.

In 1982, Bobbi solidified her idea of learning that touches the heart and brings out human potential. She called it Quantum Learning, an approach that later evolved into SuperCamp, the educational institution she founded to help thousands of teenagers rediscover the meaning of learning and believe in themselves. SuperCamp is not just a place to learn, but a warm and liberating space where every child is seen as a valuable and potential person.

Located in Kirkwood Meadows, California, SuperCamp then spread to various parts of the world, namely Moscow, Hong Kong, Singapore, and Australia. Bobbi did not travel this journey alone. She was assisted by a team of friends with the same vision, Eric Jansen, Greg Simmons, Mike Hernacki, Mark Reardon, and Sarah Singer Nourine. They learned from Dr. Georgi Lozanov, a Bulgarian educator who introduced the concept of accelerated learning, then developed it with passion and love. That is how, from failure and searching, Bobbi DePorter gave birth to a learning approach that glorifies humans that not only teaches, but also inspires and brings hope (Mukhlis, 2018).

Principles and steps of Quantum Learning

The first principle is Everything Speaks, meaning that in the learning space, nothing is neutral, everything gives meaning. Both the classroom atmosphere, the way the teacher moves, facial expressions, and the worksheets that are distributed can all convey learning messages. Therefore, every detail needs to be designed with awareness, because the learning environment speaks to students, forming experiences and impressions in them. The second principle is Everything Has a Purpose Nothing happens by chance in the learning process. Every activity, speech, and the way the teacher greets students in the morning, all contain intent and direction. In meaningful learning, every step is taken with good intentions to grow, strengthen, and move the hearts and minds of children. While the third principle is Experience First Then Name It Children learn with curiosity. They find it easier to understand something when they experience it first, before being given a term or definition. So learning begins from real experiences from curiosity, from experimentation, from playing and exploring so that meaning emerges naturally and touchingly. Then the fourth principle is Appreciate Every Learning Process is the courage to enter something that is not yet known. There is fear, doubt, and discomfort when trying something new. So it is important for teachers to always appreciate every effort, no matter how small. By being appreciated, children feel seen, accepted, and encouraged to continue growing. Recognition is the fuel for the spirit of learning. Then the last principle is If It Is Worth Learning, Then It Is Worth Celebrating, meaning that every learning process is a journey that deserves to be appreciated. It is not only the end result that is important, but also the effort, courage, and small steps taken.

Therefore, celebrating achievements, no matter how small, is a form of love that strengthens the soul. A cheerful atmosphere in the classroom, a sincere smile, a warm hug, or simply saying "you are great" can be a light for children's enthusiasm for learning. Joy is not just entertainment; it is part of learning itself. When children feel happy, their brains are open, their hearts are calm, and they become more easily able to absorb knowledge. So, a class full of laughter, gratitude, and small celebrations every day not only makes learning fun, but also forms a deep emotional connection between students, teachers, and knowledge itself. (Nurhasanah et al., 2019).

The steps that must be implemented in the quantum learning approach according to Deporter are: The first step is Warming Up At this stage, the teacher tries to create a fun and relevant atmosphere for students. The goal is to arouse their curiosity by linking the subject matter to everyday life. This is like opening the door so that students feel "connected" and ready to receive learning. The second step is Teaching Here, the teacher delivers the subject matter in a way that is easy to understand and interesting. The approach is not rigid, but touching, making students feel that learning is fun, not burdensome. The material is delivered in a way that triggers curiosity and enthusiasm for learning. Next is the third step, namely Application, After understanding the material, students are given the opportunity to apply it in various creative forms. This gives students space to express their understanding in a unique and personal way. They not only memorize, but also experience and explore learning in a real context. While the fourth step is Evaluation, the evaluation process is not just about giving grades, but more about providing constructive and positive feedback. The goal is to motivate students, strengthen selfconfidence, and link their learning experiences to meaningful results or achievements. The fifth step is Recording and Reflection. At this stage, students are invited to reflect on what they have learned. They write down or record their conclusions and understanding. This reflection is important so that learning does not iust pass by, but becomes part of their personal growth realizing what they know, feel, and can do in the future. (Hardani & Nashikhah, 2023).

In this learning strategy, there is a type or model of learning called TANDUR. The application of the quantum learning model type TANDUR is a breath of fresh air in the teaching and learning process, because it provides space for students to be truly involved in learning. Through this approach, students are invited to find their own knowledge, explore information from various sources, and show the results of their understanding creatively in class. In an atmosphere like this, learning is no longer an obligation, but becomes a lively and enjoyable experience. Interest in learning grows when students feel that what they learn is meaningful and has an impact on their lives. When they see that the knowledge learned can be used, understood, and is useful, the motivation to learn is strengthened from within. The steps of the Quantum Learning Model type TANDUR are: 1. Grow, The learning process begins by growing students' interest and curiosity. The teacher creates a warm, pleasant, and enthusiastic atmosphere so that students feel appreciated and ready to receive lessons. Here, teachers do not only teach, but touch the heart to arouse learning motivation from within students, 2. Experience, Students are invited to experience directly what they learn, They do not only hear or see, but really feel, try, and are involved in the learning process. Learning becomes a life experience, not just an activity in the classroom, 3. Name, After experiencing the teacher helps students give meaning to what they have felt. Concepts, terms, and information are introduced in a way that is easy to understand and close to students' lives, so that knowledge is not just memorization,

but part of understanding themselves and the world, 4. Demonstration, Students are given space to show what they have learned, not to be assessed alone, but as a form of self-expression and pride in the process they have gone through. The teacher is present as a supporter, giving encouragement, not pressure, so that students feel confident, 5. Repeat, The repetition process is not done to test, but to strengthen understanding. In a fun way, the material is discussed again so that it is truly absorbed. This is a form of teacher attention so that each student feels understood and guided patiently (Cahyaningrum et al., 2019).

From the explanation above, it can be concluded that learning is not just a process of transferring knowledge, but a very meaningful life journey. Every thing in the classroom, be it from the environment, teacher attitudes, to daily activities such as speaking, can be material in shaping students' learning experiences. In addition, everything must be designed with clear intentions and goals, because nothing happens by chance. And children learn best when they experience it themselves, not just given terms or definitions. So, it is important to start from curiosity, play, and try.

in quantum learning strategy during In the learning process, every step of the child, no matter how small, deserves to be appreciated. Recognition and appreciation are the encouragement that raises their courage to continue to grow. And more than that, every success, no matter how small, deserves to be celebrated. Because joy and pride will make the child's heart open, feel safe, and ready to accept new lessons with enthusiasm. Meaningful education is born from a warm, caring learning space, and decorated with love and happiness.

And the steps that must be taken in this strategy according to Deporter are warming up, teaching, implementing, evaluating, recording and reflecting.

The Advantages of Quantum Learning in Increasing Student Motivation and Achievement

Students' learning motivation grows from many things from within themselves, from the environment around them, and from the way teachers deliver lessons, and the introduction of characteristics carried out by educators. By recognizing their characteristics and applying a fun learning model, teachers can create a lively classroom atmosphere.

Varied, innovative, and meaningful learning will foster a true spirit of learning. When students feel happy, accepted, and able to understand concepts clearly, they will not only learn better, but will also love the process. This is a form of education that humanizes the classroom as a place to grow, not just a place to teach. (Fauzi & Noviartati, 2019).

A teacher was once interviewed and used as a reference by previous researchers. He said that teaching and learning activities should not be dominated by teachers alone. When only one party is active, the classroom atmosphere becomes stiff, and the relationship between teacher and student loses its warmth. Communication becomes one-way, even though learning is about understanding each other and growing together. Therefore, the Quantum Learning Approach is a breath of fresh air in creating a more humane learning atmosphere. In which, students are given space to be themselves to speak, choose, try, and learn from mistakes. Teachers are no longer figures who only judge, but become travel companions who understand, accompany, and appreciate every process that children go through. There is no limiting assessment, but rather encouragement for children to be responsible and develop at their own pace.

Every child is unique, and true learning is when they feel accepted, trusted, and given the opportunity to grow without the pressure of comparison. Evaluation is also done with empathy based on personal achievement, not just numbers or standards. This is where the essence of meaningful education is when the classroom becomes a place where a child's heart is valued, his mind is stimulated, and his soul is given space to grow happily.

We understand that teenagers are in a phase of finding their identity, wanting to be respected as independent individuals, but at the same time still need direction and support. Often they feel mature enough to determine their own path, but in fact they still need the presence of adults who guide them with love and understanding. Teachers, in this case, not only act as teachers, but also as motivators and companions. Teenagers easily feel bored if they are only told to sit and receive lessons passively. They need space to move, express themselves, and feel that their voices and choices are valued. So, the teacher's job is not to force, but to inspire, arouse curiosity, ignite enthusiasm, and provide warm encouragement so that they find meaning in the learning process. With this approach, teachers become figures who are able to foster motivation from within students, not just direct them from the outside. When students feel supported, appreciated, and understood, they will be more open, more courageous to try, and more motivated to continue learning both inside and outside the classroom. This is education that touches the heart when encouragement is given with empathy, not with coercion.(Maulidi, 2022). The advantages of Quantum Learning and also the characteristics of this learning strategy are that the Quantum Learning Strategy is based on cognitive psychology theory as the main foundation in understanding how students think and learn. In addition, this strategy is constructive, and emphasizes the importance of a supportive and optimal learning environment in order to achieve educational goals effectively. And this approach combines individual potential with environmental conditions, both physically and psychologically, in a comprehensive learning process. In addition, the main focus of this strategy is on quality and meaningful interactions, not just the exchange of information or delivery of material in one direction. The Quantum Learning Strategy also prioritizes the acceleration of the learning process with optimal results and a high level of success for students. In the learning process in this strategy takes place naturally and naturally, not artificially or forced, thus creating comfort in learning. And the meaning and quality of the learning process are the main focus, because this strategy believes that meaningful learning will leave a deeper and more lasting impact on students(Rafika Hasanah et al., 2024).

The author's explanation of the advantages above is that the Quantum Learning strategy approach is rooted in the understanding of humans as learners. What is meant is that the Quantum Learning Strategy grows from a deep understanding of how humans think and learn. It values the thinking process as something natural and unique to each individual that learning is part of the inner journey and self-growth. In addition, a warm and supportive learning environment Learning does not only occur from the material, but also from the atmosphere, therefore Quantum Learning emphasizes the importance of creating a safe, fun, and warm learning space where every child feels accepted and dares to be themselves.

In this strategy also Connecting Self Potential with the World Around Every child comes to class bringing extraordinary potential. This strategy helps synergize that potential with the environment both physically and emotionally so that children can grow in a supportive space and foster self-confidence. in addition Establishing

Relationships, Not Just Giving Information Quantum Learning is not just about delivering material, but about building meaningful interactions between teachers and students. This warm and empathetic relationship is what makes learning touch the heart and leave a mark in memory. this strategy also Encourages Accelerated Learning with Love and Support Every child can learn quickly and successfully, as long as they are given the right encouragement. This strategy encourages enjoyable learning acceleration not with pressure, but in a way that makes children feel capable, appreciated, and excited. in this strategy also learning that Flows Naturally, Not Forced means that the true learning process is a natural, enjoyable, and uncontrived process. Quantum Learning emphasizes that learning must feel real and relevant to children's lives, not just rigid and stressful routines. In addition, Instilling Meaning in Every Learning Process is not only about what is mastered, but also about what is felt and interpreted. This strategy invites teachers and students to continue to pursue a quality, meaningful, and soul-deep learning process. So that with this approach, the classroom becomes a living place where children learn not only with their minds, but also with their hearts.

In the results of previous research, researchers also explained that in the Quantum Learning approach, students become an active part of a living and meaningful learning process. The most prominent activity is not just sitting still listening, but being directly involved through the use of learning tools or media, so that they can touch, try, and feel the learning experience themselves. In addition, students are also given space to really pay attention and understand the teacher's explanation, not just as passive listeners, but as learning partners whose thoughts are valued. No less important, interaction through good discussions between students and between students and teachers. Becomes the core of this process, because from open and mutually respectful conversations, deep understanding and positive emotional relationships are formed.(Sirimeno, 2022).

Because Basically the Quantum Learning method combined with interactive media has a positive impact on student learning outcomes. Not only because this approach has advantages in terms of strategy, but also because it touches the emotional and psychological side of students as individuals who want to be appreciated and involved. In practice, especially in Indonesian language lessons conducted by previous researchers, this method is able to create a more lively, dynamic, and enjoyable learning atmosphere. Interactive media becomes a bridge that strengthens the relationship between material, teachers, and students so that they no longer feel bored or burdened by monotonous routines. students feel more involved, more motivated, and more enthusiastic because the learning process becomes an experience that touches their curiosity, not just an academic obligation. This is the power of the humanist approach in education when learning is not only about absorbing information, but also about arousing enthusiasm, giving meaning, and building inspiring relationships (Oktavia & Hulu, 2017).

Because the learning process is a meaningful journey that cannot be separated from the role of a teacher. Where the teacher is not just a transmitter of knowledge, but a figure who is present with his heart, accompanying every step of the student in understanding the world. With a touch of affection, patience, and deep understanding, the teacher becomes a bridge between knowledge and real life. Without the presence of a teacher, many students will feel lost, have difficulty understanding lessons, and lack the motivation to continue learning. (Pebriana & Sari, 2019).

From the quote above, it can be understood that in addition to the right learning method, a teacher also plays an important role in increasing student motivation and achievement because when a teacher is present not only as a teacher, but as a sincere companion, learning turns into a touching and inspiring experience with a warm, open, and empathetic learning atmosphere, students feel safe to ask, try, even to be wrong. From that sense of security grows the courage and enthusiasm to continue learning. Student achievement is not only born from cognitive abilities alone, but also from the belief that they are capable, that there is someone who believes in their potential, namely the teacher. With learning strategies that are tailored to the needs and character of each student, such as an individual approach, active learning, or creative and collaborative methods, teachers are able to arouse a sincere enthusiasm for learning from within students.

CONCLUSION

Education is not just about imparting knowledge, but about touching the hearts and awakening the spirit of life of students. The Quantum Learning strategy is present as a learning approach that humanizes students, recognizes their diversity, embraces the unique potential in each of them, and creates a warm, empathetic, and liberating classroom. With the principle that every child is a valuable person and is able to grow if they are in a supportive environment, Quantum Learning helps students learn with their hearts, not just their minds. This approach touches the emotional dimension of students, providing space to feel valued, heard, and empowered.

Learning steps such as TANDUR (Grow, Experience, Name, Demonstrate, Repeat, Celebrate) are designed not only to understand the material, but to foster meaning, self-confidence, and joy in learning. Teachers in this approach are not just instructors, but companions on the journey, who are present with love, direct without forcing, and motivate without judging. In an atmosphere like this, student motivation and achievement increase not because of pressure, but because of the drive from within the desire to be better, to understand the world, and to feel that they matter. Learning becomes a living, enjoyable, and memorable experience.

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