## Teachers' Attunement and Social Development of Students at Elementary Level : Challenges and Way Forward

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## Abstract

*Highlighting the main challenges in teachers' attunement, their impact on student engagement and learning, and potential strategies for improvement in Pakistani School System. Attunement refers to the process of becoming aware of, responsive to, and harmoniously aligned with the feelings, needs, and conditions of another person or environment. It involves a deep level of empathy and understanding, often resulting in a synchronized and connected relationship. In the contemporary educational landscape, effective student engagement is pivotal for fostering academic success and holistic development. However, teachers often face significant challenges in attuning their instructional strategies to meet diverse student needs and contexts. This research paper explores the multifaceted barriers that impede teachers' attunement and proposes strategies to enhance their capacity for fostering meaningful student engagement. Through a qualitative interview with teachers one school settings, the study identifies key obstacles including inadequate professional development, time constraints, diverse student backgrounds, and systemic issues such as large class sizes and standardized curricula. The findings underscore the importance of comprehensive support systems, including ongoing professional development, collaborative teaching environments, and flexible curricular frameworks according to the new pedagogical changes . By addressing these barriers, the paper argues, educational institutions can better equip teachers to create engaging and inclusive learning experiences that cater to the needs of all students. This research contributes to the broader discourse on educational  attunement, offering practical recommendations for policy makers, educational leaders, and practitioners committed to enhancing student engagement and learning outcomes .*

**Key Words:**  Attunement: Teaching Strategy , Student engagement , Positive relationship

## Introduction

Attunement refers to the process of being in harmony or in sync with someone or something. It involves a deep level of connection, understanding, and responsiveness. Attunement can occur in various contexts. Emotional Attunement focused particularly between parents and children or between partners, emotional attunement refers to the ability to understand and respond to each other's emotional states. It involves being sensitive to the other person's feelings and needs, thereby fostering a sense of security and empathy. In music, attunement can refer to the process of tuning instruments or voices to be in harmony with each other, ensuring that they produce a coherent and pleasing sound together. In therapy, attunement is the therapist's ability to be present and responsive to a client's emotional and psychological state, helping to create a safe and supportive environment for healing. In spiritual practices, attunement can refer to aligning oneself with certain energies or higher states of consciousness, often through

meditation, rituals, or other practices aimed at achieving inner harmony and balance. Overall, attunement is about creating a harmonious connection and being deeply aware and responsive to the dynamics of a relationship, whether it be with another person, a group, an instrument, or a spiritual practice. Fostering a supportive learning environment is crucial for several reasons, all of which contribute to the overall success and well-being of students. Here are some key points highlighting its importance, A supportive learning environment can significantly improve students' academic performance. When students feel safe, respected, and valued, they are more likely to participate actively in class, engage with the material, and strive to do their best. This leads to better understanding and retention of knowledge. Students' emotional and mental health is greatly influenced by the environment in which they learn. A supportive atmosphere reduces stress and anxiety, promotes positive self-esteem, and fosters resilience. This emotional well - being is essential for students to focus, learn effectively, and develop healthy coping mechanisms. In a supportive environment, students are more willing to take intellectual risks and explore creative solutions without the fear of being ridiculed or penalized for mistakes. This openness to experimentation and innovation is critical for deep learning and the development of problem-solving skills. A supportive learning environment encourages positive social interactions and relationships among students. It teaches them empathy, cooperation, and respect for diversity. These social skills are essential for their future professional and personal lives. Students who feel supported are more motivated and engaged in their learning. They develop a sense of ownership and responsibility for their education, which leads to higher levels of intrinsic motivation and a lifelong love of learning. Supportive learning environments typically experience fewer behavioral issues. When students feel understood and their needs are met, they are less likely to act out or disrupt the learning process. This creates a more stable and conducive atmosphere for everyone involved.

**Literature Review:**

**Concept of Teacher Attunement**

Teacher attunement is about teachers being able to understand and empathize with the psychological experiences, worldviews, perspectives, motivations, learning capacities, skill levels, strengths, weaknesses, interests, affiliations, and affective states of students (Hamm et al., 2011).. This process of understanding is facilitated through attentive observation, deep listening, following responses, receptive body language, and verbal and nonverbal exchanges (Davis, 2006). Attunement can have various meanings depending on the context. Stern, D. N. (2004) defined " Attunement refers to the therapist's ability to deeply understand and resonate with the emotional experience of their client, creating a sense of connection and trust." Secondly Gottman, J. M., & Silver, N. (2000) described " Attunement describes the process of becoming finely tuned to another person's emotions, thoughts, and needs, fostering effective communication and empathy" Gottman, J. M., & Silver, N. (2000) in his book  The Seven Principles for Making Marriage Work lecture explained " Attunement involves being in harmony with oneself, others, and the environment, often achieved through practices like meditation and mindfulness ,,  in addition another researcher  Kabat-Zinn, J. (1994) focused " Attunement refers

to the caregiver's ability to recognize and respond to a child's emotional needs, fostering a secure attachment and healthy development. Lastly Siegel, D. J., & Bryson, T. P. (2012) explained " Attunement in music or art involves being in harmony with the expressive elements of the medium, such as tone, rhythm, or color" These definitions provide a broad understanding of attunement across various domains, from interpersonal relationships to personal growth and artistic expression.

Scholars have put forward different views and perspectives on teacher attunement (Fonagy et al., 2018). Four major perspectives are discussed: 1. Similarity effect of the teacher and the student, thereby reducing the dissonance and being in perfect harmony with the student and further the entire needed state was- as students are, teachers should be. 2. Taking an inference-based approach, this concludes that it is not what teachers say or do based on seeing things they can see. However, by going underneath things, they cannot see. 3. Continuous effort of building an empathetic relationship between a teacher and students where the teacher not only looks into the academics of the student but also sympathizes with the child all around socio-emotional experiences along with the peer to peer interactions and 4. Taking a standpoint of the teacher and his effort and fluid process of identifying the student's identities and frame of reference, it thus requires an accurate teacher for a transaction and thus the least information to accurately ascertain student inference; therefore, it will be called a sensitive attuning process of the teacher.

In psychology, attunement often refers to the process of being fully present and responsive to another person's emotional state, needs, and experiences. It involves empathy, understanding, and emotional resonance. For instance, in parent-child relationships, attunement describes the caregiver's ability to tune in to the child's emotional cues and respond appropriately ( Stern, D. N. (1985). In spirituality, attunement can signify a state of alignment or harmony with higher spiritual principles, energies, or frequencies. It involves being receptive to spiritual guidance, enlightenment, or the divine presence. This concept is often associated with practices like meditation, prayer, or mindfulness.( Assagioli, R. (1965). Lastly In music, attunement refers to the adjustment of one's musical pitch to match or harmonize with another, such as when singers or instrumentalists tune their instruments to a standard pitch or when musicians adjust their playing to match the tonality of a piece. Cross, I. (2001).

**Domains of Teacher Attunement**

Three domains make up teacher attunement: cognitive, emotive, and behavioural (Korthagen, 2017; Korthagen & Kessels, 1999). All three go in that order. Teacher attunement cognitive domain goes first because that is when teachers evaluate things about their students, for example, their needs, prior experiences, academic abilities, and interests. The four-teacher attunement cognitive strategies are formal assessments, observations, inquiry, and reflective journaling. Next is the teacher attunement emotive domain, which is how teachers become aware of their students, for example, things like students' feelings, perceptions, and emotions. There are three teacher attunement emotive strategies: self-awareness, empathy, and emotional intelligence.

Cognitive Domain: Orientation gathering background information about the child such as family, education history, culture, language spoken, learning difficulties, academic level, challenges, and obstacles (collect school records). Meeting with key stakeholders to gain insight about the child-like parents, counsellors etc. Observing the child in the class/playground to understand the child and their interaction in the peer groups and their behaviour etc. Mapping the child's concept–ego, forms of inhibition/complex, coping mechanism, temperament etc. Cognitive Domain: Organization Classifying knowledge of the child into different categories in order to assist with comprehension of the child easy method is to design a mind map for each child Cognitive Domain: Information Acquisition Assessing the knowledge achieved by student such the level of clarity in the concept, demonstrations of the managements, level of dexterity etc. Assessing the learning rate—fast or slow, and the stature of the understanding Assessing the core competency and the non-understanding areas assessing the degree of expression and ideas, thoughts exchanges with the child to understand their thought process Seeking, locating and inventing the critical non-verbal comments/remarks—the body habits, face habits, environmental cues etc.

Behavioural Elements are the details of behaviours you perform as a person who does the Dimensions. 1. Giving individual students customized prompts/cues to keep them engaged during instruction. 2. Using different teaching practices for identified learning profiles (auditory, visual, kinaesthetic) (Gardner, 2011). 3. Simplifying explanations further when students still do not understand the concept. 4. Matching your written or verbal communication to the student's level of fluency with that language. 5. Use a scan of the room to pick up on bored or distracted students and re- engage them. 6. Act promptly if the students display signs of becoming disengaged, confused, disruptive, or in conflict, etc. 7. Use immediately constructive feedback aligned to the student's current skill/understanding level -- to improve their learning. The concept of interpersonal Attunement extensively discussed in psychology literature, particularly in works on attachment theory and interpersonal neurobiology. Authors like Daniel J. Siegel and Allan N. Schore (2024) explore the importance of attunement in forming secure relationships. Siegel, D. J. (1999). Many researcher focused on Parent-Child Attunement , research in developmental psychology and attachment theory highlights the critical role of attunement in parent-child relationships, shaping children's emotional regulation and social development. (Schore, A. N. (2003). About Therapeutic Attunement, Psychotherapy literature discusses the significance of therapist-client attunement in fostering a therapeutic alliance and promoting positive treatment outcomes. Bowlby, J. (1988). Rogers, C. R. (1957) discuss the spiritual attunement which works on spirituality and mindfulness often explore the concept of attunement in connecting with higher consciousness or divine presence.

**Strategies for Teacher Attunement**

In order to increase teachers' responsiveness to the learning and socio- emotional needs of their students, various approaches can be implemented (Farmer etal., 2019; Gasser et al., 2022; Hoffman et al., 2015). Initially, providing a student orientation at the outset of the term could be beneficial. This entails engaging in informal one-to-one discussions with students to gain insight into their hobbies, aspirations, obstacles, and other personal dimensions. Moreover,

distributing anonymous student questionnaires to inquire into their learning preferences, attitudes, and concerns can offer rich viewpoints.

By analyzing historical data, like previous test scores, common mistakes, comments from past teachers, valuable knowledge could be discovered to highlight students' strength and areas that are needed to be improved. In addition, cooperation with counsellors could add current information to the educators' personal perception, for example, family situation, thinking processes, companion relationship which contributed to designing an effective shop. Furthermore, displaying students' works, such as writing or art, to understand their imagination.

During instruction, teachers have freedom of mobility to check student levels of engagement on the spot. By asking questions and taking lead of discussions in the classroom, teachers can see where students have gaps in skills, allowing them to narrow the focus to providing coaching and support. Furthermore, having self-tests allows students to take time to stop and reflect on their learning journey, which can be very powerful.

The melding of collaborative projects and mixed ability groupings during academic activities provides the opportunity to watch and nurture interpersonal and collaborative skills. By blending cooperative learning opportunities and constructing these mixed ability clusters, students can be assessed on their ability to work well together and communicate across many different levels of skill development. By combining group work aspects and mixed ability partners teachers can create an environment where the development of two very important interpersonal and collaborative skills can more easily be developed. Additionally, exposing students to their preferred venue of learning through extracurricular activities exposes segments of their identities and motivational levels (Eccles et al., 2003).

Organizing class gatherings or home visits offer insight into informal attitudes and behaviours of students (Eshach, 2007). Engaging in periodic peer evaluations and helping students learn how to provide constructive feedback about learning behaviours of peers may offer more comprehensive investigation (Cestone et al., 2008). Lastly, keeping detailed records of observations and systematically logging interactions over passage of time with necessary tools is important in identifying trends and achieving a comprehensive understanding.

Teachers who consistently employ student-centred strategies ground themselves in learning needs and social experiences that propel student growth. The understanding gained translates into individualized interventions that respond to each learner. Likewise, the connection cultivated establishes trust, communication, and a readiness for both student and teacher to learn from each other. Teachers' attunement, or the ability to connect with and understand their students' needs, is crucial for effective teaching. Following strategies can be fruitful for attuned students:

**Active Listening**

Actively listen to students to understand their thoughts, feelings, and perspectives. This involves giving full attention, paraphrasing, and asking clarifying questions. (Miller, W. R., & Rollnick, S. (2012)

**Empathy:** Show empathy towards students' experiences and emotions. Understand their challenges and celebrate their successes. (Davis, M. H. (1996)

**Cultural Competence: Cultural** competence recognizes and respect the diverse cultural backgrounds of students. Learn about their cultures and integrate culturally relevant teaching practices. (Banks, J. A., & Banks, C. A. M. (Eds.). (2010)

**Nonverbal Communication:** Teachers' pays attention to nonverbal cues such as body language, facial expressions, and tone of voice to gauge students' emotions and reactions. (Knapp, M. L., & Hall, J. A. (2013)

**Development of Students Conflict Resolution Skills**

Conflict is referred to as incompatibility between two or more parties that arise due to differences in interests, beliefs, values, claims, objectives, opinions, and behaviour patterns, which leads to antagonism, hostile activities, and interference of achieving individual or mutual goals (De Dreu & Gelfand, 2008).

Training in attunement thus helps students move from imposed solutions to discover long-term ones based on enduring understanding. It moves persons from internal motivations of egoistic righteousness to external consensus (Crawford & Bodine, 1996). Students are thus more self-determined, happier relationally, and better at understanding the multidimensionality of issues if they can enablement of abilities in relationships thus makes specialists more EQ competent, socially sensitive, moral reasoner, civic responsible, and employability-prepared but less destructive even in daily life (Kurniawan et al., 2024; Sandy, 2001).

**Methodology**

The researcher developed an open-ended questionnaire that four teachers from Govt Boys High School Lahore City called in a meeting and conducted an open, discussion-based interview. Opinions and comments were recorded on mobile phone and also noted.

**Participants**: Four high school teachers holding a master's degree and above ten years' experience.

**Data Collection**: Data was collected through a self-developed questionnaire from four high school teachers from the Govt. High School Tajpura Scheme in Lahore City.

**Findings and Discussion**: The first question asked from teachers was about the importance of attunement. The first teacher commented, "Attunement is a novel idea for me in my teaching career. I read about this idea one year ago. The concept of attunement is a new strategy to deal

with the problematic learner in my class." The second teacher shared, "After understanding the concept of attunement, I changed my teaching strategy according to the students' needs. Usually, I collect the basic information of the learner, like family background, future plans, likes and dislikes of the subjects, etc. The third teacher shared her views about the importance of attunement. "The concept of attunement totally changed my thinking about my students; now I understand the students' personalities and backgrounds after planning the strategies for teaching." The fourth teacher said, "Attunement and other new ideas are important in the modern era for understanding and improving the students in our society. Really, this idea gave me new thoughts and improved my teaching skills. Now I deal with the new students in an effective way."

The researcher asked the second question about when you attune your students and what challenges they face. One teacher shared, "It is a great challenge to maintain the discipline and decorum of the class. Some of the students feel hesitant to share their family and personal information with me." The second teacher commented, "Students feel embraced and shy in the school. Some students feel free and don't care about the class room rules due to their affiliation with me." The third one stated, "During the attunement and affiliation process, I feel difficulty overlooking all classes and students. I feel challenged to maintain quality work and to follow the timetable of school." The fourth teacher said, "My colleague also criticises attune and makes relationships with students some time. School administration raises objections about not following the timetable, lesson plan format, and routine of school."

A third question was asked from the panel about how the attunement process can be improved in the Pakistani education system: The first teacher stated, "I think the attunement concept should be elaborated to the high authorities, school leaders, and teaching faculty from the upper to the lower level." The second teacher suggested, "Parents and students can be informed about the process, function, and implementation of the attunement strategy. The third teacher shared, "Pedagogy sessions, training, and discussion could be the key features to implement at the school level." The fourth teacher suggested, "New teaching strategies like attunement and new modern and technological changes can be shared with teachers and students. According to the modern era, all new changes should be incorporated into the curriculum, textbooks, and education policies."

**Conclusion**

Overall, from a Pakistani perspective, attunement is a new teaching strategy in the field of education. Through attunement, positive relationships can be developed. Positive relationships can enhance the teaching and learning process, and positive behavioural changes can be made through new pedagogy techniques. With the help of upper-level management decisions and the motivation of the teachers, this new teaching strategy can be fruitful. At the school level, peer

support and counselling systems can be managed. Training sessions for the teaching staff can be organised.

## References

Ainsworth, M. D. S., Blehar, M. C., Waters, E., & Wall, S. (1978). Patterns of Attachment: A Psychological Study of the Strange Situation. Lawrence Erlbaum Associates.

Farmer, T. W., Hamm, J. V., Dawes, M., Barko-Alva, K., & Cross, J. R. (2019). Promoting inclusive communities in diverse classrooms: Teacher attunement and social dynamics management. Educational Psychologist, 54(4), 286-305.

Foran, A., Throop-Robinson, E., & Redmond, K. (2021). Attunement as a pedagogical starting point. Phenomenology & Practice, 16(1), 19-39.

Hamm, J. V., Farmer, T. W., Dadisman, K., Gravelle, M., & Murray, A. R. (2011). Teachers' attunement to students' peer group affiliations as a source of improved student experiences of the school social–affective context following the middle school transition. Journal of Applied Developmental Psychology, 32(5), 267-277.

Hoffman, A. S., Hamm, J. V., & Farmer, T. W. (2015). Teacher attunement: Supporting early elementary students' social integration and status. Journal of Applied Developmental Psychology, 39, 14-23.

Jaramillo, D. M. B., & Gaztambide-Fernández, R. A. (2019). The work of attunement. Curriculum Inquiry, 49(5), 503-506.

Jennings, P. A., & Greenberg, M. T. (2009). The Prosocial Classroom: Teacher Social and Emotional Competence in Relation to Student and Classroom Outcomes. Review of Educational Research, 79(1), 491-525.

Macintyre Latta, M. A. (2004). Attunement to the creating process in teaching & learning. Faculty Publications: Department of Teaching, Learning and Teacher Education, 13.

Marucci, E., Oldenburg, B., & Barrera, D. (2018). Do teachers know their students? Examining teacher attunement in secondary schools. School Psychology International, 39(4), 416-432.

Peceguina, M. I. D., da Graça Daniel, J. R. F., Correia, N. E. F. G., & da Mota Aguiar, C. D. R. (2022). Teacher attunement to preschool children's peer preferences: Associations with child and classroom-level variables. Early Childhood Research Quarterly, 60, 150-160.

Rimm-Kaufman, S. E., & Hamre, B. K. (2010). The Role of Psychological and Developmental Science in Efforts to Improve Teacher Quality. Teachers College Record, 112(12), 2988-3023.

Steglich, C., & Knecht, A. (2014). Studious by association? Effects of teacher's attunement to students' peer relations. Zeitschrift für Erziehungswissenschaft, 5(17), 153-170.

Fung, T. Y. (2022). Teacher attunement to classroom social dynamics as related to student peer relationships over a school year (Doctoral dissertation, University of British Columbia).

McGuire, L. E. (2019). Teacher attunement to bullies and victims: Effects on perception of bullying, social-emotional well-being and academic outcomes (Doctoral dissertation, University of South Carolina).

Gest, S. D., Madill, R. A., Zadzora, K. M., Miller, A. M., & Rodkin, P. C. (2014). Teacher management of elementary classroom social dynamics: Associations with changes in student adjustment. Journal of Emotional and Behavioral Disorders, 22(2), 107-118.

Hamm, J. V. (2011). Enhancing the Effects of Teacher Attunement to Student Peer Group Affiliations on the School Social-Affective Context: Promotive Effects of the SEALS Intervention. Society for Research on Educational Effectiveness.

Quail, K. R., & Ward, C. L. (2023). Using non-violent discipline tools: evidence suggesting the importance of attunement. International journal of environmental research and public health, 20(24), 7187.

Simões, F., & Calheiros, M. M. (2019). A matter of teaching and relationships: determinants of teaching style, interpersonal resources and teacher burnout. Social Psychology of Education, 22(4), 991-1013.