THE LEVEL OF PSYCHOLOGICAL STABILITY IN THE LANGUAGE LEARNING PROCESS ACROSS DIFFERENT AGE GROUPS

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Abstract: *This article examines the level of psychological stability—encompassing emotional regulation, stress tolerance, and resilience—in the process of language learning across different age groups: children, adolescents, adults, and elderly learners. It synthesizes research from developmental psychology, neurolinguistics, and educational psychology to analyze how age-related cognitive, emotional, and social factors influence learners' capacity to maintain psychological equilibrium during language acquisition. The study reveals that each age group exhibits distinct patterns of psychological stability, with children demonstrating natural resilience but limited metacognitive awareness, adolescents experiencing heightened vulnerability due to neurodevelopmental and social pressures, adults showing greater regulatory capacity but facing unique stressors, and elderly learners displaying both challenges and compensatory strengths. The article proposes age-appropriate pedagogical strategies to foster psychological stability and optimize language learning outcomes across the lifespan.*

Keywords: *psychological stability, language learning, age groups, emotional regulation, resilience, child language acquisition, adolescent learners, adult education, elderly language learning, developmental psycholinguistics.*

Introduction

Language learning is a profoundly psychological endeavor that engages cognitive, emotional, and social resources. The ability to maintain psychological stability defined as the capacity to regulate emotions, tolerate stress, and recover from setbacks plays a crucial role in determining language learning success. However, this capacity is not uniform across the lifespan. Developmental changes in brain structure, emotional regulation, social context, and cognitive abilities create distinct profiles of psychological stability for learners at different ages.

Relevance of the Problem: With increasing globalization and migration, individuals of all ages are engaging in language learning. Understanding how psychological stability manifests and can be supported across age groups is essential for educators, curriculum designers, and policymakers to create effective and humane learning environments.

Theoretical Framework: This study integrates:

- Erikson’s Psychosocial Development Theory: Understanding how developmental crises at each life stage affect learning readiness.
- Vygotsky’s Sociocultural Theory: The role of social interaction and the Zone of Proximal Development across ages.
- Socioemotional Selectivity Theory: How time perspective shapes motivation and emotional investment in learning among older adults.

Research Questions:

1. How does psychological stability in language learning differ across children, adolescents, adults, and elderly learners?
2. What are the primary stressors and protective factors unique to each age group?
3. What pedagogical approaches can enhance psychological stability at different developmental stages?

1.Developmental Foundations of Psychological Stability

1.1Neurobiological Development and Emotional Regulation

Psychological stability is rooted in the development of brain structures responsible for emotional regulation, particularly the prefrontal cortex (PFC) and its connection to the amygdala.

- Children (Ages 5-12): The PFC is still developing, making emotional regulation less efficient. However, children’s brains exhibit high neuroplasticity, allowing for rapid adaptation and recovery from minor stressors. The limbic system is highly responsive, leading to intense but often short-lived emotional reactions.
- Adolescents (Ages 13-19): This period is characterized by a “mismatch” between the early-maturing limbic system (emotion, reward-seeking) and the late-maturing PFC (impulse control, long-term planning). This neurodevelopmental gap makes adolescents particularly vulnerable to emotional dysregulation and stress in learning contexts.
- Adults (Ages 20-59): The PFC is fully mature, providing adults with greater capacity for emotional regulation, impulse control, and strategic coping. However, adults face multiple life responsibilities that can deplete psychological resources.
- Elderly (Ages 60+): While some cognitive decline may occur, older adults often demonstrate enhanced emotional regulation due to accumulated life experience and a phenomenon known as the “positivity effect” a tendency to focus on positive information over negative.[1]

1.2.Cognitive Development and Metacognitive Awareness

The ability to monitor one’s own learning and emotional state (metacognition) develops with age and significantly impacts psychological stability.

- Children: Limited metacognitive awareness; may not recognize when they are becoming stressed or why. Reliance on external regulation from teachers and parents.
- Adolescents: Emerging metacognitive abilities but often distorted by egocentrism and heightened self-consciousness (“imaginary audience”).

- Adults: Well-developed metacognitive skills allowing for self-monitoring and strategy adjustment.
- Elderly: Maintained metacognitive awareness, though processing speed may slow, requiring patience with oneself.

2.Psychological Stability in Child Language Learners (Ages 5-12)

2.1. of Psychological Stability in Children

Children typically exhibit what can be called “natural resilience.” Their psychological stability in language learning is characterized by:

- Low Affective Filter: According to Krashen’s Affective Filter Hypothesis, children generally have a lower affective filter, meaning they are more open to input and less inhibited by anxiety.
- Rapid Emotional Recovery: Negative emotional experiences (e.g., making a mistake publicly) are often short-lived.
- Play-Based Engagement: Children naturally learn through play, which reduces performance pressure.

2.2.Vulnerabilities and Stressors

Despite their resilience, children face specific challenges:

- Separation Anxiety: Particularly in early language immersion programs.
- Peer Comparison: Around ages 8-10, social comparison begins to emerge.
- Limited Emotional Vocabulary: Inability to articulate feelings of frustration or anxiety.

2.3.Pedagogical Strategies

- Create predictable routines to provide safety.
- Use songs, games, and stories to maintain low-pressure engagement.
- Validate emotions without overemphasis:

“It’s okay to feel frustrated. Let’s try again.”

- Involve parents in creating positive language learning associations.

Uzbek Context: Uzbek children often learn Russian or English alongside their native Uzbek. Family attitudes toward language learning significantly influence children’s psychological stability. The concept of tarbiya (upbringing) emphasizes respect for teachers, which can either support learning or create performance anxiety if expectations are too high.

3.Psychological Stability in Adolescent Language Learners (Ages 13-19)

3.1.The Adolescent Vulnerability Window

Adolescence represents the most psychologically volatile period for language learning. Key factors include:

- Identity Formation: Language learning becomes entangled with self-concept. “Am I a good language learner?” “Will speaking this language change who I am?”
- Peer Influence: Adolescents are acutely sensitive to peer evaluation. Fear of sounding “different” or making mistakes in front of classmates can be paralyzing.

- Neurodevelopmental Vulnerability: As noted earlier, the developing PFC struggles to regulate the hyperactive limbic system, leading to emotional reactivity.
- Risk-Taking vs. Fear: While adolescents are known for risk-taking in some domains, social risk (like speaking imperfectly) often triggers intense anxiety.

3.2.Language Anxiety (FLA) in Adolescents

Research consistently shows that FLA peaks during adolescence. This manifests as:

- Communication Apprehension: Fear of speaking in the target language.
- Test Anxiety: Fear of formal evaluation.
- Fear of Negative Evaluation: Hyperawareness of how peers and teachers perceive their performance.[2]

3.3.Gender Differences

During adolescence, gender differences in language learning anxiety often emerge:

- Girls: May report higher anxiety levels but also employ more social support strategies.
- Boys: May mask anxiety through avoidance or disruptive behavior, leading to underdiagnosis of psychological distress.

3.4.Pedagogical Strategies for Adolescents

1. Create a “Safe Fail” Environment: Normalize mistakes through activities where errors are celebrated as learning steps.
2. Foster Peer Support: Use pair and group work to reduce the spotlight on individual performance.
3. Connect Language to Identity: Allow adolescents to explore topics relevant to their emerging identities (music, social issues, future aspirations) in the target language.
4. Teach Emotional Regulation: Explicitly teach breathing techniques and positive self-talk.
5. Reduce High-Stakes Testing: Incorporate continuous, low-stakes assessment.

Uzbek Context: Uzbek adolescents face additional pressures, including high-stakes university entrance exams where foreign language scores are critical. The cultural emphasis on imtihon (examination) can significantly elevate anxiety. Teachers must balance academic rigor with psychological support.

4.Psychological Stability in Adult Language Learners (Ages 20-59)

4.1.Strengths in Adult Psychological Stability

Adults bring significant psychological resources to language learning:

- Emotional Regulation: Fully developed PFC enables adults to manage frustration and anxiety more effectively.
- Intrinsic Motivation: Adults often learn languages for specific purposes (career, family, travel), providing sustained motivation.
- Metacognitive Strategies: Adults can plan, monitor, and evaluate their learning, adjusting approaches when stressed.

- Life Experience: Previous experiences overcoming challenges provide a reservoir of coping strategies.

4.2.Unique Stressors for Adult Learners

Despite these strengths, adults face distinctive challenges:

- Multiple Responsibilities: Balancing work, family, and learning depletes cognitive and emotional resources.
- Perfectionism and Self-Criticism: Adults often hold themselves to unrealistically high standards.
- Fear of Cognitive Decline: Concerns about memory and learning ability relative to younger learners.
- Role Strain: Being a “beginner” in a new language while being an expert in one’s professional domain can be ego-threatening.

4.3.Professional vs. Personal Language Learning Contexts

- Workplace Language Learning: Adds performance pressure; mistakes may have professional consequences.
- Personal/Leisure Learning: Generally lower pressure, allowing for greater psychological stability.

4.4.Pedagogical Strategies for Adults

1. Acknowledge and Validate Life Pressures: Design flexible learning schedules and options.
2. Focus on Communicative Competence: Emphasize practical, real-world language use over grammatical perfection.
3. Leverage Existing Knowledge: Connect new language learning to professional expertise or life experience.
4. Build Learning Communities: Adult learners benefit from peer support networks.
5. Celebrate Small Wins: Regular acknowledgment of progress maintains motivation.

Uzbek Context: Many Uzbek adults learn Russian for work or Turkish for business connections. The post-Soviet linguistic landscape creates complex motivations. Adult learners may carry historical attitudes toward certain languages (e.g., Russian as language of power, English as language of opportunity) that affect their psychological approach.

5.Psychological Stability in Elderly Language Learners (Ages 60+)

5.1.Cognitive Changes and Compensation

Elderly learners experience both challenges and strengths:

- Cognitive Changes: Slower processing speed, reduced working memory capacity, and occasional word-finding difficulties.
- Compensatory Strengths
- Crystallized Intelligence: Accumulated knowledge and vocabulary in L1 support learning.
- Emotional Regulation: The “positivity effect” leads to focus on rewarding aspects of learning.

- Life Wisdom: Perspective-taking ability reduces anxiety about “failure.”

5.2.Motivations for Late-Life Language Learning

- Cognitive stimulation and brain health maintenance.
- Social connection (e.g., learning to communicate with grandchildren or travel).
- Personal enrichment and fulfillment.

5.3.Psychological Vulnerabilities

- Fear of Embarrassment: Concern about slower processing being judged.
- Health-Related Stress: Physical health issues can compound learning stress.
- Social Isolation: Lack of peer support if friends are not engaged in similar activities.

5.4.The Cognitive Reserve Hypothesis

Research suggests that bilingualism and late-life language learning contribute to cognitive reserve—the brain’s ability to withstand age-related changes. This creates a positive feedback loop: language learning builds psychological resources that support continued learning.[3]

5.6.Pedagogical Strategies for Elderly Learners

1. Pacing and Repetition: Allow extra time for processing; incorporate regular review.
2. Multisensory Approaches: Combine visual, auditory, and kinesthetic activities.
3. Social Learning: Emphasize group activities to combat isolation.
4. Connect to Life Experience: Use topics relevant to learners’ life histories.
5. Celebrate Effort Over Speed: Focus on the process and joy of learning rather than rapid progress.

Uzbek Context: Uzbekistan has a strong tradition of respecting elders (oqsoqollar). Community learning centers (mahalla gatherings) could be leveraged for elderly language learning programs, providing both social connection and cognitive stimulation.

6.Implications for Educational Practice

6.1.Age-Appropriate Curriculum Design

- Children: Integrate language learning with play, music, and movement. Focus on implicit learning.
- Adolescents: Connect language to identity exploration and social issues. Build in explicit emotional regulation training.
- Adults: Offer flexible, modular courses with clear practical applications. Include stress management resources.
- Elderly: Design slower-paced, socially engaging programs that emphasize enjoyment and cognitive health.

6.2. Training

Teachers must understand developmental differences in psychological stability. Training should include:

- Recognizing age-specific signs of distress.
- Age-appropriate scaffolding techniques.
- Strategies for fostering resilience.

6.3.Assessment Practices

- Children: Observational, portfolio-based, low-stakes.
- Adolescents: Balance formative and summative assessment; provide opportunities for self-assessment.
- Adults: Competency-based assessment with clear criteria.
- Elderly: Process-oriented assessment that values effort and participation.

6.4.Creating Psychologically Supportive Environments

- Foster belonging and community across all age groups.
- Normalize help-seeking.
- Provide access to counseling or emotional support resources.
- Involve families where appropriate.

Conclusion

Psychological stability is not a fixed trait but a dynamic capacity that interacts with developmental stage, life circumstances, and learning context. Children bring natural resilience but require external regulation; adolescents navigate a vulnerable period requiring sensitive support; adults leverage mature regulatory skills but face competing demands; elderly learners demonstrate emotional wisdom while managing cognitive changes. Effective language education must recognize these differences and tailor approaches accordingly. By understanding and supporting psychological stability across the lifespan, educators can unlock the full potential of learners at every age and create more humane, effective language learning experiences.

Future Research Directions:

- Longitudinal studies tracking psychological stability in language learning across the lifespan.
- Neuroimaging research examining age differences in brain activation during stressful language tasks.
- Intervention studies testing age-specific psychological support programs.
- Cross-cultural research comparing age-related patterns in diverse linguistic contexts.

References

1. American Psychological Association. Stress across the lifespan. https://www.apa.org/topics/stress/lifespan
2. British Council. Teaching English to different age groups. https://www.teachingenglish.org.uk/article/teaching-different-age-groups
3. Bialystok, E., Craik, F. I. M., & Luk, G. (2012). Bilingualism: Consequences for mind and brain. Trends in Cognitive Sciences, 16(4), 240-250. https://doi.org/10.1016/j.tics.2012.03.001
4. Bialystok, E., Craik, F. I. M., & Freedman, M. (2007). Bilingualism as a protection against the onset of symptoms of dementia. Neuropsychologia, 45(2), 459-464.

5. Casey, B. J., Jones, R. M., & Hare, T. A. (2008). The adolescent brain. Annals of the New York Academy of Sciences, 1124(1), 111-126. https://doi.org/10.1196/annals.1440.010

6. Carstensen, L. L. (2006). The influence of a sense of time on human development. Science, 312(5782), 1913-1915. https://doi.org/10.1126/science.1127488

7. Cambridge University Press. Understanding language learner psychology. https://www.cambridge.org/elt/blog/category/learner-psychology/

8. Dörnyei, Z. (2005). The psychology of the language learner: Individual differences in second language acquisition. Lawrence Erlbaum.

9. Dewaele, J.-M. (2010). Emotions in multiple languages. Palgrave Macmillan.

10. Erikson, E. H. (1963). Childhood and society (2nd ed.). W. W. Norton.

11. Horwitz, E. K., Horwitz, M. B., & Cope, J. (1986). Foreign Language Classroom Anxiety. The Modern Language Journal, 70(2), 125-132. https://doi.org/10.1111/j.1540-4781.1986.tb05256.x

12. Karimova, D. (2020). O’smirlarda chet tilini o’rganish motivatsiyasi va psixologik barqarorlik [Motivation and psychological stability in adolescent foreign language learning]. Pedagogik mahorat, 3(2), 45-53.

13. Krashen, S. D. (1982). Principles and practice in second language acquisition. Pergamon Press.

14. MacIntyre, P. D., & Gardner, R. C. (1994). The subtle effects of language anxiety on cognitive processing in the second language. Language Learning, 44(2), 283-305.

15. Najmiddinova M.N. “Linguocultural and linguopragmatic features of the concept of "hospitality" in English and Uzbek”//International conference Philology, Methodology, Translation Studies: Current Issues of Modern Science. -8-9.11.2024.-P.306-309.https://doi.org/10.2024/1xm0b673.

16. Najmiddinova, M. (2024). INGLIZ VA O‘ZBEK TILIDA “MEHMONDO‘STLIK”GA OID MAQOLLARNING LINGVOKULTUROLOGIK XUSUSIYATLARI. Tamaddun Nuri., 10(61). https://doi.org/10.69691/gbcwd486

17. Najmiddinova M.N. “Mehmondo‘stlik” tushunchasiga oid maqollarning pragmatik tahlili//“Universal journal of social sciences philosophy and culture”. - https://scienceresearch.uz/index.php/UJSSPC/article/view/286 ISSN: 2992-8834 IMPACT FACTOR: 8.0,2025.-B.44-50. https://zenodo.org/records/14732811

18. Najmiddinova M.N. Similarities and differences between values of Uzbek and English cultures // Tanqidiy nazar, tahliliy tafakkur va innovatsion g‘oyalar.2025.-B.107-111. https://phoenixpublication.net/index.php/TANQ/article/view/3802

19. Najmiddinova, M., & Qahramonova, M. (2025). THE ROLE OF PRAGMATICS IN INTERCULTURAL COMMUNICATION WITH AN EMPHASIS ON POLITENESS. Tamaddun Nuri., 4(67), 237–240. https://doi.org/10.69691/5vd1kg56

20. Najmiddinova M.N. Linguistic features of phraseological units with a common meaning "hospitality" // Qo‘qon DPI. Ilmiy xabarlar,3-son. ISBN: 978-9943-7182-7-2 “CLASSIC” nashriyoti.2025.-P.1886-1891. www.kspi.uz journal.kspi.uz

21. Najmiddinova, M. (2025). Linguopragmatic analysis of phraseological units and idioms relating to the concept of hospitality in English and Uzbek. Scientific journal of the Fergana State University, (4), 94-94. 10.56292/SJFSU/vol31_iss4/a94, https://journal.fdu.uz/

22. OECD (2021). Education at a Glance – Lifelong learning participation. https://www.oecd.org/education/education-at-a-glance/

23. Rakhimova, I. (2019). Keksa yoshdagi o’quvchilarga chet tilini o’qitishning psixologik xususiyatlari [Psychological characteristics of teaching foreign languages to elderly learners]. Xorijiy filologiya, 4, 78-86.

24. Vygotsky, L. S. (1978). Mind in society: The development of higher psychological processes. Harvard University Press.

25. Pinter, A. (2011). Children learning second languages. Palgrave Macmillan.

26. Singleton, D., & Ryan, L. (2004). Language acquisition: The age factor (2nd ed.). Multilingual Matters.

27. Tursunov, B. (2021). Bolalarda ikkinchi tilni o’zlashtirish jarayonida affektiv filtrning roli [The role of the affective filter in second language acquisition in children]. Til va adabiyot ta’limi, 2, 34-41.

28. UNESCO Institute for Lifelong Learning. Adult learning and education. https://uil.unesco.org/adult-learning-and-education

29. Usmanova, M. (2018). O’zbekistonlik talabalarning chet tilini o’rganishdagi psixologik to’siqlari [Psychological barriers in foreign language learning among Uzbek students]. Psixologiya ilmiy jurnali, 1(1), 56-64.

30. Yunusov, A. (2022). Kattalar ta’limida psixologik barqarorlikni ta’minlash omillari.