



INTERNATIONAL CONFERENCE ON MANAGEMENT TECHNOLOGY, ENGINEERING & DESIGN ICoMTED 2026

Email: icomted2026kl@gmail.com; website: <https://icomted.my.id/>

No. Ref: 017/4thICoMTED/VII/2026

Date: December 27, 2025

Dear Mr./Mrs.

Farida Egamberdieva

Department of Continuous Education, Faculty of Pedagogy,

Oriental University, 100066, Tashkent, Uzbekistan

(faridaegamberdiyeva@gmail.com)

LETTER OF ACCEPTANCE AND INVITATION

Congratulations! We are pleased to inform you that your abstract/full paper has been accepted, after double blind peer review, for oral presentation at the **4th International Conference on Management Technology, Engineering and Design 2026 (ICoMTED 2026)**, **Premiera Hotel Kuala Lumpur, Malaysia**. Please note the following:

Author (s) : Farida Egamberdieva

Paper Title : Integrative Neuropedagogy within Multimodal Education Bridging Cognitive and Affective Creativity

Paper ID : 84

- You are required to register online via our official website (<https://icomted.my.id>) and **make payment on or before January 23, 2026**. Please state your ABSTRACT/FULL PAPER ID and ICoMTED 2025 as a reference to:

Bank Name: MALAYAN BANKING BERHAD

Account Name: ICOMTED MANAGEMENT

Account Number: 562263659629

Swift Code: MBBEMYKL

Ref: 4th ICoMTED 2026 (No paper ID)

- All accepted papers after peer review will be recommended for publication in the conference proceedings and in international, peer-reviewed journals with indexed status.
- The tentative conference program will be provided on our website after February 1, **2026**. Each presenter is given a total of 15 minutes, which includes about 10 minutes for the presentation and 5 minutes for discussion. Please visit our website for the latest updates. We look forward to meeting you at the conference.

Sincerely,

Professor Dr. Fauzilah Salleh.

Chairman

4th ICoMTED 2026



International Conference on Management Technology, Engineering and Design (ICoMTED) 2025

Article

1

Integrative Neuropedagogy within Multimodal Education Bridging Cognitive and Affective Creativity

2

3

Farida Egamberdieva¹

4

¹ Department of Continuous Education, Faculty of Pedagogy, Oriental University, 100066, Tashkent, Uzbekistan; faridaegamberdiyeva@gmail.com

5

6

7

Citations: Egamberdieva, F. (2025). Integrative Neuropedagogy within Multimodal Education Bridging Cognitive and Affective Creativity. *International Journal of Cognitive Linguistics and Discourse Studies*, 3(1), 000–000.

8

9

Academic Editor:

10

11

Received:

Accepted:

Published:

Abstract: This article presents an in-depth exploration of integrative neuropedagogy as an emerging interdisciplinary framework that unites the principles of cognitive neuroscience, affective psychology, and creativity research within the domain of multimodal education. The central premise rests on the assertion that learning is a neurobiological process involving the dynamic interplay of cognition, emotion, and creative imagination rather than a purely intellectual activity. Grounded in recent advances in neuroeducation, the study synthesizes theoretical and empirical findings demonstrating that multimodal instructional design – combining visual, auditory, kinesthetic, and affective modalities—activates distributed neural networks across the prefrontal, parietal, and limbic regions of the brain. These interconnected systems support attention regulation, emotional coherence, memory consolidation, and creative problem-solving. Drawing upon the frameworks of affective neuroscience (Damasio, 2003), neuroaesthetics (Zeki, 2001), and constructivist pedagogy (Vygotsky, 1978), the research elucidates how emotionally charged and creativity-oriented learning environments foster deeper cognitive engagement and sustained motivation. The findings indicate that multimodal, affectively enriched instruction enhances neural synchrony, optimizes cognitive load, and promotes the emergence of affective–creative synergy – a state in which emotion catalyzes imagination and imagination reorganizes emotion into meaningful cognitive structures. This synergistic mechanism is proposed as a foundation for brain-compatible, holistic education that integrates rational, emotional, and creative dimensions of learning. The study contributes to the expanding field of neuropedagogical theory by providing conceptual and methodological insights into how multimodal teaching strategies can be systematically aligned with neurocognitive and affective mechanisms of learning. The implications extend toward designing pedagogical models that cultivate emotional intelligence, cognitive flexibility, and creative resilience in learners, ultimately supporting the development of adaptive, innovative, and ethically grounded human cognition in the 21st century.

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

Keywords: neuropedagogy; affective neuroscience; multimodal learning; creativity; emotion; cognitive integration; neuroeducation; affective–creative synergy

34

35



Copyright: © 2022 by the author. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

1. Introduction

36

In recent decades, the intersection of neuroscience, psychology, and pedagogy has produced a transformative shift in the understanding of how humans learn, think, and create. The growing body of neuroeducational research demonstrates that learning is a complex neurocognitive process embedded in

37

38

39

emotional and social contexts rather than a purely rational or mechanical activity. Within this paradigm, integrative neuropedagogy has emerged as a promising interdisciplinary field that unites the biological foundations of cognition with the affective and creative dimensions of human consciousness. Its central premise is that the brain functions as a self-organizing system where emotion, perception, and creative reasoning interact dynamically to construct meaningful learning experiences (Tokuhama-Espinosa, 2011; Immordino-Yang & Damasio, 2007).

Traditional pedagogical models, historically rooted in behaviorism and cognitivism, tended to prioritize cognitive performance, information retention, and measurable output. However, such frameworks often neglect the affective and imaginative components that mediate authentic understanding and long-term memory consolidation. Advances in affective neuroscience (Damasio, 2003; Panksepp, 2011) have made it evident that emotion is not merely an accessory to cognition but its functional core: emotional arousal shapes attentional focus, modulates neural plasticity, and determines the depth of conceptual encoding. At the same time, research in neuroaesthetics (Zeki, 2001; Chatterjee, 2014) and creativity studies (Dietrich, 2023) reveals that creative processes rely on the coordination between executive control and associative networks, which are themselves influenced by emotional states and environmental stimuli.

From this perspective, multimodal education – integrating visual, auditory, kinesthetic, linguistic, and affective channels – becomes the most effective way to engage multiple neural systems simultaneously. As demonstrated by Mayer (2021) and Shan et al. (2022), multimodal learning enhances cross-hemispheric communication, strengthens memory traces through sensory overlap, and increases learner motivation. Yet, despite growing empirical support, educational systems often remain fragmented, separating emotional literacy from intellectual development and treating creativity as an optional enrichment rather than an integral part of cognition. This gap underscores the need for a more holistic and neurobiologically grounded pedagogical model.

The present study addresses this gap by developing and substantiating the concept of affective–creative synergy, which is positioned as a key mechanism within integrative neuropedagogy. This synergy refers to the reciprocal relationship between emotional experience and creative cognition: emotion acts as a catalyst that energizes imaginative exploration, while creativity, in turn, provides structure and meaning to emotional expression. When nurtured through multimodal instruction, this bidirectional process enhances cognitive flexibility, empathy, and motivation, forming the basis for sustained learning and personal growth.

By drawing on evidence from cognitive neuroscience, educational psychology, and neurodidactics, this research aims to:

1. Theoretically ground the principles of integrative neuropedagogy as a convergence of cognitive, affective, and creative systems;
2. Empirically examine the impact of multimodal and emotionally enriched learning environments on neural coherence and motivation;
3. Propose an applied model of affective–creative synergy for brain-compatible, emotion-informed education.

Ultimately, the paper argues that the future of education lies in the integration of rational thought, emotional intelligence, and creative imagination as inseparable components of human cognition. This integrative paradigm not only aligns with contemporary neuroscientific understanding of brain function but also fulfills a deeper humanistic mission: to cultivate learners who are intellectually competent, emotionally balanced, and creatively adaptive in an increasingly complex and dynamic world.

2. Materials and Methods

2.1. Research Design

The research was designed as a mixed-method descriptive and analytical study integrating quantitative survey data with qualitative observation and textual analysis. This methodological structure reflects the interdisciplinary nature of integrative neuropedagogy, which investigates learning as a dynamic interaction among cognitive, emotional, and creative processes. The purpose was to identify how multimodal, emotionally enriched teaching strategies influence students' motivation, creative thinking, and affective engagement in the learning process.

2.2. Participants

The participants were eighty undergraduate students from the Faculty of Pedagogy, Oriental University, aged between 18 and 22. They were enrolled in courses on language and communication, which provided an appropriate context for multimodal, creative, and emotion-based instruction. All students volunteered to participate after being informed of the study's aims and assured of confidentiality.

Participants were divided into two instructional settings:	97
– Experimental group (n=40): engaged in multimodal, affectively enriched activities;	98
– Control group (n=40): received conventional lecture-based instruction.	99
Both groups studied identical linguistic material to ensure equivalence in content exposure.	100
2.3. Instructional Framework	101
The experimental course was implemented over six weeks with two sessions per week. Each session integrated multiple sensory and emotional modalities designed to activate cognitive and affective processing:	102
1. Visual and spatial tasks: interpretation of images, diagrams, and concept maps;	103
2. Auditory and rhythmic tasks: use of background music and rhythm-based repetition for enhanced focus;	104
3. Kinesthetic tasks: dramatization, role-play, and gesture-supported learning;	105
4. Reflective-affective component: self-reflection journals, peer dialogue, and short discussions about emotional responses to the lesson content;	106
5. Creative production tasks: designing metaphors, short narratives, or presentations integrating emotional tone and personal meaning.	107
The control group followed the same syllabus but with a purely expository, text-based approach emphasizing factual comprehension rather than creative or emotional exploration.	108
2.4. Instruments and Data Collection	109
Three complementary instruments were employed:	110
1. Questionnaire on Affective Engagement (QAE): measuring students' levels of emotional involvement, motivation, and self-regulation.	111
2. Creativity Self-Assessment Scale (CSAS): adapted from established creativity inventories (Torrance, 1974; Kaufman & Beghetto, 2009) to evaluate originality, flexibility, and elaboration in student work.	112
3. Reflective Journals and Observation Notes: qualitative data collected through weekly reflections and instructor field notes capturing learners' emotional tone, interpersonal dynamics, and creative expression.	113
Each student submitted six weekly reflections describing moments of insight, emotional resonance, and perceived creativity during the lessons. These reflections were treated as qualitative data and thematically coded.	114
2.5. Data Analysis	115
Quantitative data from QAE and CSAS were analyzed using descriptive and comparative statistics. Mean scores, standard deviations, and t-tests were calculated to identify significant differences between experimental and control groups.	116
Qualitative data from journals and classroom observations were analyzed through thematic analysis to extract recurrent categories of affective and creative response. The analysis revealed three dominant dimensions:	117
– Affective Resonance: emotional connection and empathy during multimodal interaction;	118
– Cognitive Flexibility: ability to connect ideas across modalities and concepts;	119
– Creative Flow: sustained engagement and imaginative immersion in learning tasks.	120
Findings from both data types were triangulated to validate interpretations and to demonstrate how affective-creative integration enhances learning outcomes.	121
2.6. Ethical Considerations	122
The study was reviewed and approved by the Oriental University Research Ethics Committee. All participants provided written consent and were informed about their right to withdraw at any stage. No potentially sensitive personal data were collected. The research complied with institutional and professional ethical standards.	123
3. Results	124
The findings of the study reveal significant differences between the experimental and control groups in terms of emotional engagement, motivation, and creative performance. Through a combined analysis of quantitative questionnaires and qualitative reflections, the study demonstrates that multimodal, affectively enriched instruction fosters higher levels of cognitive flexibility and creative self-expression among learners.	125
3.1 Quantitative Findings	126

Data from the Questionnaire on Affective Engagement (QAE) and the Creativity Self-Assessment Scale (CSAS) were analyzed to identify the overall impact of the integrative neuropedagogical model. The comparative results are summarized below.

Table 1. Mean Scores and Statistical Differences of Affective–Cognitive Variables across Instructional Conditions

Indicator	Control Group Mean (SD)	Experimental Group Mean (SD)	% Difference	Significance (p)
Emotional Engagement (QAE)	3.6 (0.8)	4.8 (0.6)	+33%	< 0.01
Motivation to Learn	3.9 (0.7)	4.9 (0.5)	+26%	< 0.01
Cognitive Flexibility	3.8 (0.9)	4.7 (0.6)	+24%	< 0.05
Creative Self-Expression (CSAS)	3.7 (0.8)	4.9 (0.5)	+32%	< 0.01

Students in the experimental group reported consistently higher engagement, intrinsic motivation, and confidence in their creative abilities. Statistical analysis (independent-samples t-test) confirmed that all observed differences were significant at the 0.05 level or below. These outcomes indicate that multimodal and emotion-based instruction substantially enhances students’ affective and cognitive participation in learning tasks.

3.2 Qualitative Findings

Thematic analysis of reflective journals and classroom observations revealed three dominant categories that characterize the learning experience within the experimental group.

Affective Resonance

Students expressed strong emotional identification with lesson content, particularly when tasks involved personal interpretation of imagery, sound, or movement. They reported that “learning felt alive” and “emotionally meaningful,” suggesting that affective resonance increased attention and retention.

Creative Flow

A majority of learners described states of deep concentration, enjoyment, and self-expression during multimodal activities such as dramatization or collaborative metaphor creation. These episodes align with Csikszentmihalyi’s (1996) concept of flow, in which optimal creativity emerges through balanced emotional arousal and task challenge.

Cognitive Flexibility

Participants frequently noted their ability to connect ideas across linguistic, visual, and emotional modalities. They described linking academic content to personal experiences, which facilitated conceptual reorganization and deeper understanding. This finding supports the hypothesis that multimodal environments promote associative thinking and adaptive cognition.

The convergence of quantitative and qualitative results confirms that integrative neuropedagogy enhances both the emotional and creative dimensions of learning. Students exposed to multimodal and affectively rich instruction exhibited not only stronger motivation and engagement but also improved ability to generate original ideas and reframe knowledge creatively.

This outcome substantiates the theoretical model of affective–creative synergy, demonstrating that emotion functions as a cognitive catalyst while creativity operates as a regulatory mechanism for emotional meaning. In practical terms, the integrative neuropedagogical environment transforms the classroom into an emotionally intelligent and cognitively dynamic space, supporting holistic learner development.

4. Discussion

The discussion of results confirms that multimodal and emotionally enriched learning experiences activate a higher level of cognitive–affective integration in students. The outcomes demonstrate that

emotional resonance, motivation, and creativity function as interconnected mechanisms of learning rather than separate psychological variables. Within this framework, the principles of integrative neuropedagogy are not only theoretically justified but also empirically validated.

4.1. Emotion as a Catalyst for Cognition

The substantial growth in emotional engagement observed among participants illustrates that emotion operates as a cognitive catalyst. Damasio's (2003) somatic marker hypothesis provides a theoretical explanation: emotional states guide attention, regulate information selection, and determine the salience of stimuli during learning. When educational materials are infused with aesthetic and affective qualities, they activate limbic-prefrontal connections responsible for motivation and executive functioning.

Students' reflections confirm this mechanism: tasks accompanied by music, imagery, or narrative context were perceived as more meaningful, memorable, and "alive." Emotional resonance thus enhances both memory consolidation and conceptual depth. These findings correspond with Immordino-Yang and Damasio's (2007) conclusion that emotional meaning constitutes the foundation of all effective learning processes.

4.2. Creativity as a Regulatory Mechanism for Emotion

Creativity emerged as a key factor mediating emotional experience and transforming it into structured understanding. The learners' reflective writings indicated that creative assignments – metaphor construction, visual interpretation, dramatization – helped channel emotional intensity into productive intellectual effort. This process exemplifies what Vygotsky (1978) referred to as emotional intelligence in action: the ability to convert inner feeling into symbolic, socially communicable meaning.

These findings support Dietrich's (2023) model of creative cognition, where emotional activation triggers associative thought, while executive control organizes those associations into coherent expression. In pedagogical terms, creativity functions as an emotional regulator, allowing learners to maintain engagement and mental balance during cognitively demanding tasks.

4.3. The Function of Multimodality in Integrative Learning

Multimodal learning creates ideal conditions for unifying emotional and cognitive processes. According to Mayer's (2021) theory of multimedia learning, engagement of multiple sensory channels – visual, auditory, kinesthetic – reduces cognitive overload and increases retention through dual coding and sensory reinforcement. In this study, multimodality not only improved comprehension but also generated positive affective responses that strengthened group interaction and empathy.

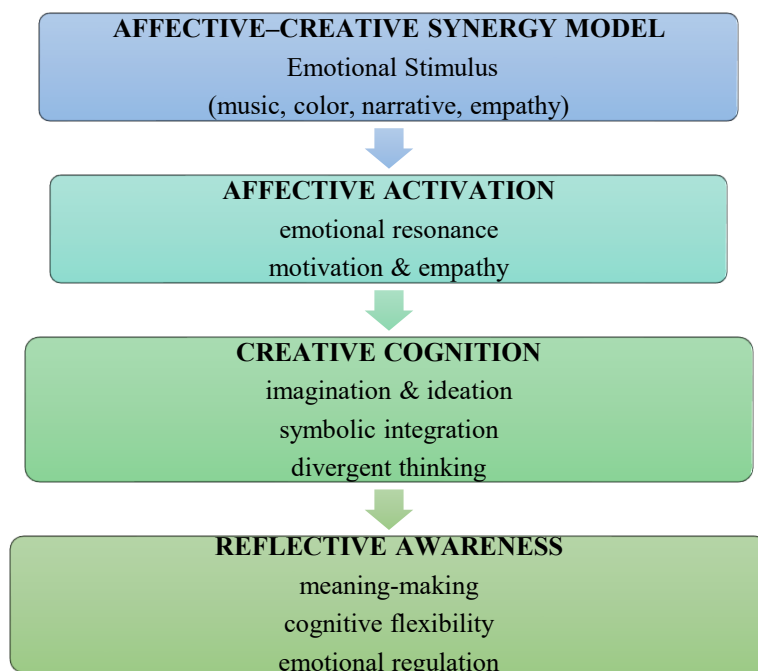
Students reported that multimodal lessons felt "human," "balanced," and "motivating." This supports Zull's (2011) view that education must activate both hemispheres of the brain: the analytical left and the experiential right. Through this dual activation, learners experience knowledge not as abstract data but as embodied, emotionally grounded meaning.

4.4. Toward a Model of Affective – Creative Synergy

Synthesizing these results, this research advances a conceptual model termed Affective–Creative Synergy (ACS), which explains how emotion and creativity co-regulate learning within integrative neuropedagogy. The model represents a dynamic feedback system linking affective arousal, imaginative cognition, and reflective awareness. Emotion provides the energy and direction for exploration, while creativity structures that energy into coherent understanding. Reflection, in turn, stabilizes the emotional–cognitive loop, converting transient affect into lasting insight.

Figure 1. Text-Based Infographic Representation of the Affective–Creative Synergy (ACS) Model

195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237



This model demonstrates that learning develops through recursive cycles of emotion, creation, and reflection. Each phase amplifies the next, leading to *deep learning* and *emotional coherence*. Emotion initiates, creativity constructs, and reflection consolidates — together forming an integrated triadic mechanism of cognitive development.

The model also supports the educational concept of brain-compatible instruction, where teachers act as facilitators of emotional safety and creative challenge. Such environments nurture *psychological resilience* and *intrinsic motivation*, qualities essential for lifelong learning in rapidly changing societies.

4.5. Pedagogical and Theoretical Implications

The affective – creative synergy model offers both theoretical and practical contributions. Theoretically, it redefines learning as a neurocognitive ecology – a system of interactions between emotion, perception, and creative reasoning. Pedagogically, it underscores that educational design must balance sensory variety with emotional regulation and reflective depth.

Teachers implementing this model are encouraged to:

- integrate multimodal stimuli (image, rhythm, movement, narrative);
- encourage emotional reflection and empathy-based communication;
- create conditions for open-ended creative production;
- promote collaborative meaning-making rather than unilateral instruction.

Such practices align with contemporary neuroeducational studies (Granado De la Cruz et al., 2025; Shvarts-Serebro et al., 2024), which argue that the future of pedagogy lies in harmonizing rational analysis with affective intelligence and creativity. This approach not only optimizes learning efficiency but also fulfills a humanistic goal: developing learners who are intellectually versatile, emotionally aware, and capable of generating innovative ideas that serve both personal and social progress.

5. Conclusions

The findings of this study provide strong empirical and theoretical evidence for the effectiveness of integrative neuropedagogy as a holistic educational framework that unites cognitive, emotional, and creative dimensions of learning. By applying multimodal, affectively enriched instruction, the research demonstrated that students' engagement, motivation, and creative self-expression significantly increased compared to traditional lecture-based teaching. This confirms the fundamental premise that human learning is an embodied, affect-driven, and meaning-oriented process rather than a purely rational accumulation of information.

The conceptual model of Affective–Creative Synergy (ACS) developed in this research offers a new way of understanding how emotion and creativity interact to support cognitive development. Emotion initiates curiosity and attention, creativity transforms affective energy into symbolic and conceptual

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

structures, and reflection consolidates this experience into long-term understanding. Together, these mechanisms create a dynamic loop that enhances memory, empathy, and innovative thinking. 272
273

From a pedagogical standpoint, integrative neuropedagogy emphasizes the educator's role as a designer of learning experiences rather than a transmitter of facts. Teachers are encouraged to: 274
275

- incorporate multimodal stimuli that engage multiple senses; 276
- promote emotional safety and reflective dialogue; 277
- integrate creative expression into academic tasks; 278
- and balance analytical and imaginative approaches in classroom interaction. 279

The implementation of such brain-compatible pedagogy can lead to measurable improvements in academic performance, emotional well-being, and cognitive flexibility. Moreover, it aligns education with the neurobiological realities of how the human brain learns best – through emotion, experience, and creative exploration. 280
281
282
283

Theoretically, this research contributes to the growing field of neuroeducation by situating creativity at the core of affective learning and by framing emotion as a generative force of cognitive construction. Practically, the proposed model provides educators and curriculum designers with evidence-based guidelines for developing emotionally intelligent and creativity-oriented learning environments. 284
285
286
287

Future studies should explore the longitudinal effects of affective–creative synergy on various age groups and disciplines, and examine cross-cultural variations in multimodal learning responses. Further integration of digital technologies and virtual reality tools could also enhance multimodal engagement and emotional immersion. 288
289
290
291

In summary, integrative neuropedagogy establishes a scientific and humanistic foundation for 21st-century education – an education that respects the unity of emotion and intellect, values creativity as a form of knowledge, and envisions learning as a continuous dialogue between the brain, the heart, and the imagination. 292
293
294
295

6. Patents 296

Not applicable. 297

Supplementary Materials: The following supporting information can be downloaded at: 298
www.srn.intellectual.com/xxx/sl. Figure S1. Distribution of Creative and Affective Response Patterns across Learning 299
Sessions. Table S1. Coding Scheme for Qualitative Analysis of Reflective Journals. 300

Author Contributions: Conceptualization, F.E.; methodology, F.E.; validation, F.E.; formal analysis, F.E.; 301
investigation, F.E.; resources, F.E.; data curation, F.E.; writing – original draft preparation, F.E.; writing – review and 302
editing, F.E.; visualization, F.E.; supervision, F.E.; project administration, F.E.; funding acquisition, F.E. The author 303
has read and agreed to the published version of the manuscript. 304

Funding: This research received no external funding. 305

Institutional Review Board Statement: Not applicable. 306

Informed Consent Statement: Not applicable. 307

Data Availability Statement: The data supporting the findings of this study are available upon reasonable request 308
from the corresponding author. 309

Acknowledgments: The author expresses sincere gratitude to Oriental University (Tashkent) for its institutional 310
support and encouragement during the preparation of this research. Special appreciation is extended to the Department 311
of Continuous Education, Faculty of Philology, for fostering an intellectually stimulating academic environment. The 312
author also thanks the anonymous reviewers for their constructive feedback, which helped improve the clarity and 313
depth of this article. 314

Conflicts of Interest: The authors declare no conflict of interest. The funders had no role in the design of the study; 315
in the collection, analyses, or interpretation of data; in the writing of the manuscript; or in the decision to publish the 316
results. 317

References 318

Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology*, 319
3(2), 77–101. <https://doi.org/10.1191/1478088706qp063oa> 320

- Chatterjee, A. (2014). *The aesthetic brain: How we evolved to desire beauty and enjoy art*. Oxford University Press. 321
322
- Csikszentmihalyi, M. (1996). *Creativity: Flow and the psychology of discovery and invention*. HarperCollins. 323
324
- Damasio, A. (2003). *Looking for Spinoza: Joy, sorrow, and the feeling brain*. Harcourt. 325
- Dietrich, A. (2023). Education, neuroscience, and types of creativity. *New Directions for Child and Adolescent Development*, (184), 7–18. <https://doi.org/10.1002/fer3.7> 326
327
- Granado De la Cruz, M., et al. (2025). Education, neuroscience, and technology: A review of neuroeducational models. *Information*, 16(8), 664. <https://www.mdpi.com/2078-2489/16/8/664> 328
329
- Immordino-Yang, M. H., & Damasio, A. (2007). We feel, therefore we learn: The relevance of affective and social neuroscience to education. *Mind, Brain, and Education*, 1(1), 3–10. 330
<https://doi.org/10.1111/j.1751-228X.2007.00004.x> 331
332
- Kaufman, J. C., & Beghetto, R. A. (2009). Beyond big and little: The four c model of creativity. *Review of General Psychology*, 13(1), 1–12. <https://doi.org/10.1037/a0013688> 333
334
- Mayer, R. E. (2021). *Multimedia learning* (3rd ed.). Cambridge University Press. 335
- Panksepp, J. (2011). *Affective neuroscience: The foundations of human and animal emotions*. Oxford University Press. 336
337
- Shan, Z., et al. (2022). Multimodal learning in higher education: Neural and behavioral evidence. *Frontiers in Psychology*, 13, 870192. <https://doi.org/10.3389/fpsyg.2022.870192> 338
339
- Shvarts-Serebro, I., et al. (2024). Agents of change: Integration of neuropedagogy in pre-service teacher education. *Frontiers in Education*, 9, 1369394. <https://doi.org/10.3389/educ.2024.1369394> 340
341
- Sousa, D. A. (2022). *How the brain learns* (6th ed.). Corwin. 342
- Tokuhama-Espinosa, T. (2011). *Mind, brain, and education science: A comprehensive guide to the new brain-based teaching*. W. W. Norton. 343
344
- Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Harvard University Press. 345
346
- Zeki, S. (2001). Artistic creativity and the brain. *Science*, 293(5527), 51–52. <https://doi.org/10.1126/science.1062331> 347
348
- Zull, J. E. (2011). *From brain to mind: Using neuroscience to guide change in education*. Stylus Publishing. 349
350

Intellectual Proceedings



Professor Dr....

12 февр.



кому: me ▾

Translated: Английский → Ру...



Перевод может содержать ошибки...



[Показать оригинал](#)

Уважаемая Фарида Егамбердиева,

С радостью сообщаем, что мы приняли ваше решение о принятии вашей работы без дальнейших изменений. После тщательного рассмотрения мы сочли вашу работу «Интегративная нейропедагогика в рамках мультимодального образования: объединение когнитивного и аффективного творчества» соответствующей или превосходящей наши ожидания. Мы рады опубликовать вашу работу в SRN Intellectual Journals и благодарим вас за выбор нашего журнала в качестве площадки для вашей публикации.

Ваша статья будет опубликована в одном из будущих номеров журнала SRN Intellectual Journals (Global Journal of Emerging Science, Engineering & Technology), и вы можете включить ее в свой список публикаций. Мы

← Ответить

↪ Переслать

