



# **Self-Esteem: A Predictor of Academic Achievement in a Learning Environment**

---

*Aysel Beydullayeva*  
**ADA University (ADA School)**

*Aynura Karimova*  
**Baku State University**

# Learner/teacher-centered teaching

## Learning theories:

- *behaviourism*
- *cognitivism*
- *constructivism*
- *humanism*



# The Purpose of the Study



to gain an understanding of educational achievements, educational performance and learning from the faculty's perspectives.



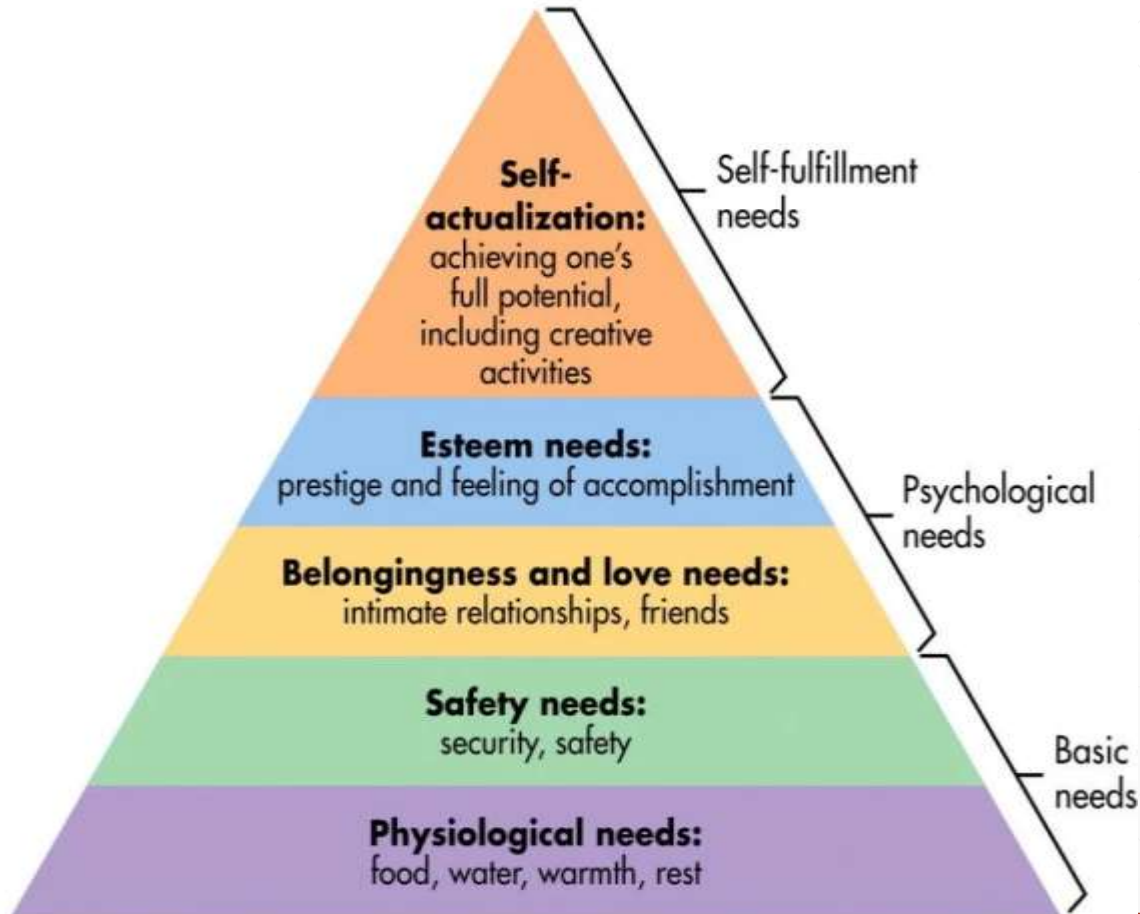
to explore faculty members' perceptions about the teaching and learning processes of students in Sabah groups



to study what makes the instruction of Sabah group students different from traditional groups.

---

# Humanistic Learning Theory



**Respect:** Each learner should be respected irrespective of their background.

## **Empathetic understanding**

Educators should attempt to understand the world from the views of students.

## **Genuineness or congruence**

Educators should be able to take an individual approach towards their learners.

# Methodology



Study ●

● **Research Design**  
*Qualitative*



● **Nature of the Study**  
*Exploratory*



● **Research methods**  
*Data Collection*  
*Data Recording*  
*Data Analysis*



*Fossey et al., 2002; Patton, 2005; Elman et al., 2020; Phothongsunan, 2010*

# Research Questions

- *What are the perceptions of instructors about educating students in Sabah groups?*
  - *Considering the academic achievements of students in Sabah groups, what makes their instruction different from traditional groups?*
-

# Key Findings

## Participant 1

Ənənəvi qruplarda və sabah qruplarında təhsil alan tələbələrdə akademik göstəricilər ilə yanaşı, ilk növbədə, dünyagörüşü və dolayısı ilə özünü ifadə tərzində əhəmiyyətli dərəcədə fərqlər var. Sabah qrupunun tələbələri bir çox məsələlərdə daha məlumatlı, daha açıq fikirli və daha sərbəstdirlər.

[There are significant differences in students studying in traditional groups and Sabah groups, along with academic performance, primarily in the worldview and, consequently, in the way of self-expression. Sabah students are more knowledgeable, more open-minded and more assertive about many issues.]

---

# Key Findings

## Participant 2

İki müxtəlif qrupdan olan tələbələrə kurikulumda mövcud olan cüzi fərqləri nəzərə almasaq (məsələn Sabah qruplarında keçirilən İngilis dili fənni üçün nəzərdə tutulan dərslər saatları nisbətən daha çoxdur) demək olar ki, eyni fənlər keçirilir. Lakin, dərslərin keçirilmə texnologiyası fərqlidir.

[Students from two different groups are taught almost the same subjects, not to mention the slight differences in the curriculum (for example, the number of classes for the English language subject in Sabah groups is relatively more). However, the method of conducting classes is different.]

---



# Key Findings

## Participant 2

... bütün müəllimlərin müasir düşüncəli, modern müəllimlər olmasıdır. Sabah qruplarında tələbələrin olduğu mühit sərbəst, açıq fikirli olmağı dəstəkləyir, tələbələr mütəmadi fərdi və ya qrup şəklində aktiv fəaliyyətlərə cəlb olunur və onlara daima özünü ifadə etmək imkanı verilir.

[... almost all teachers are modern-minded, modern teachers. The environment where students are in Sabah groups supports being free, and open-minded, students are constantly involved in activities individually or in groups, and they are always given the opportunity to express themselves.]

---

# Key Findings

## Participant 2

Bütün təhsil alanların başlıca ehtiyacı onlara təhsil verən müəllimin yaxşı davranışı və anlayışlı olmasıdır. Müəllim faktoru vacibdir. Müəllim istənilən qrupda tələbələrin öyrənməsi üçün münbit, humanist bir mühit yarada bilər və ya tamamilə əksinə, tələbəni demotivasiya edə bilər.

[The main need of all learners is an approachable attitude and a good understanding by the teacher who educates them. The teacher factor is important. The teacher can create a fertile, humanistic environment for students to learn in any group, or, on the contrary, demotivate the student.]

---

# Key Findings

## Participant 2

Məsələn sabah qruplarında bir etnik azlıqdan olan tələbə olduqda və ya hansısa bir fiziki qüsuru olan tələbə olduqda onlar ilk növbədə bu tələbəyə necə kömək edəcəkləri barədə düşünürlər, fərqlilikləri daha tez mənimsəyirlər.

[For example, when there are students from one ethnic minority in Sabah groups or students with some physical disability, they first think about how to help this student, and they quickly master the diversity.]

---

# Key Findings

## Participant 1

Hər mühitə lider lazımdır. Sabah qruplarında o liderliyi müəllim üzərinə götürür və öz davranışları ilə tələbələrinə nümunə olur və bu mühitdə tələbələrin bütün müəllimləri belə olduqları üçün avtomatik tələbələrdə də bu xüsusiyyətlər formalaşır - bu əslində bir tərbiyə formasıdır. Ənənəvi qruplarda isə əsas fikir fənnin məzmununun çatdırılmasına yönəlir əksər müəllimlər dərslərini deyir və sinif otağını tərk edir.

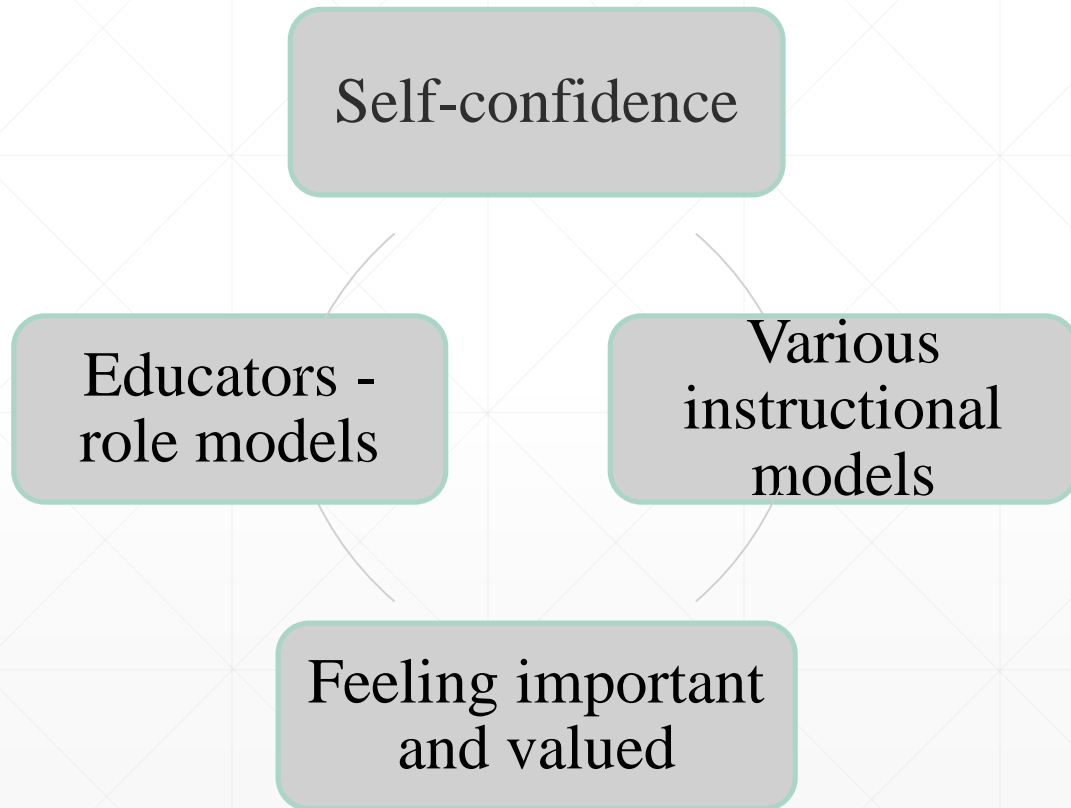
[Every environment needs a leader. In Sabah groups, the teacher takes that leadership and sets an example for his/her students with his behaviour, and since all the teachers of the students in this environment are like that, students nurture these characteristics involuntarily - this is actually a form of upbringing. In traditional groups, however, the main focus is to convey the content of the subject most teachers teach and leave the classroom.]

---

# Summary of Key Findings

- **The same curricula are used in Sabah and traditional groups**
  - **Selected teachers instruct the students in Sabah groups**
  - **Teacher attitudes are different in traditional and Sabah groups**
  - **Learning environments are different**
  - **Students are treated with respect**
  - **Students in traditional groups are not motivated to engage in group or pair activities.**
-

# Conclusion



# Recommendations

- Instructors who teach both in traditional and Sabah groups should establish the same expectations about the learning outcomes of their students (*Gottfredson et al., 1995*).
- Students of both groups should feel respected and valued (*Kaplan & Owings, 2000*).
- Student-centred instruction should be implemented in both groups (*Brown, 2008*).
- All teachers should have access to high-quality training to be able to upgrade their teaching skills and abilities in order to be able to meet the diverse needs of students (*Kyriakides et al., 2009*).

***Thank you for your attention!***

*Aysel Beydullayeva*

*ADA University (ADA School)*

*Contact email: [abeydullayeva@ada.edu.az](mailto:abeydullayeva@ada.edu.az)*

*Aynura Karimova*

*Baku State University*

*Contact email: [akarimova13824@ada.edu.az](mailto:akarimova13824@ada.edu.az)*

---



# References

- Arnold, J., & Brown, H. D. (1999). A map of the terrain. *Affect in language learning*, 1.
  - Baddeley, A. (2013). Working memory and emotion: Ruminations on a theory of depression. *Review of General Psychology*, 17(1), 20-27. <https://doi.org/10.1037/a0030029>
  - Brown, J. K. (2008). Student-centered instruction: Involving students in their own education. *Music Educators Journal*, 94(5), 30-35. <https://doi.org/10.1177/00274321080940050108>
  - Chamberlain, S. R., Müller, U., Blackwell, A. D., Robbins, T. W., & Sahakian, B. J. (2006). Noradrenergic modulation of working memory and emotional memory in humans. *Psychopharmacology*, 188(4), 397-407. <https://doi.org/10.1007/s00213-006-0391-6>
  - David, J., Lobov, A., & Lanz, M. (2018). Learning experiences involving digital twins. *IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society*. <https://doi.org/10.1109/iecon.2018.8591460>
-

# References

- Du Plessis, E. (. (2020). Student teachers' perceptions, experiences, and challenges regarding learner-centred teaching. *South African Journal of Education*, 40(1), 1-10. <https://doi.org/10.15700/saje.v40n1a1631>
  - Elman, C., Gerring, J., & Mahoney, J. (2020). *The production of knowledge: Enhancing progress in social science*. Cambridge University Press
  - Ertmer, P. A., & Newby, T. J. (2013). Behaviorism, cognitivism, constructivism: Comparing critical features from an instructional design perspective. *Performance Improvement Quarterly*, 26(2), 43-71. <https://doi.org/10.1002/piq.21143>
  - Fossey, E., Harvey, C., McDermott, F., & Davidson, L. (2002). Understanding and Evaluating Qualitative Research. <https://journals.sagepub.com/doi/abs/10.1046/j.1440-1614.2002.01100.x>
  - Gottfredson, D. C., Marciniak, E. M., & Birdseye, A. T. (1995). Increasing teacher expectations for student achievement. *The Journal of Educational Research*.
-

# References

- Hall, B. S., Nielsen, R. C., Nelson, J. R., & Buchholz, C. E. (2010). A humanistic framework for distance education. *The Journal of Humanistic Counseling, Education and Development*, 49(1), 45-57. <https://doi.org/10.1002/j.2161-1939.2010.tb00086.x>
- Harrington, D. M., Block, J. H., & Block, J. (1992). *Testing aspects of Carl Rogers' theory of creative environments: Child rearing antecedents of creative potential in young adolescents. Genius and eminence.*
- Hulail, M. (2018). Humanism in medical practice: What, why and how? *Hospice and Palliative Medicine International Journal*, 2(6). <https://doi.org/10.15406/hpmij.2018.02.00119>
- Jingna, D. U. (2012). Application of humanism theory in the teaching approach. *Higher Education of Social Science*, 3(1), 32-36.
- Johnson, A. P. (2015). Humanistic learning theory: Education in search of its soul. Humanistic learning theory.
- Kaplan, L. S., & Owings, W. A. (2000). Helping kids feel safe, valued, and competent. *The Education Digest*, 66(3), 24.
-

# References

- Khatib, M., Sarem, S. N., & Hamidi, H. (2013). Humanistic education: Concerns, implications and applications. *Journal of Language Teaching and Research*, 4(1). <https://doi.org/10.4304/jltr.4.1.45-51>
- Kyriakides, L., Creemers, B., & Antoniou, P. (2009). Teacher behaviour and student outcomes: Suggestions for research on teacher training and professional development. *Teaching and Teacher Education*, 25(1), 12-23. <https://doi.org/10.1016/j.tate.2008.06.001>
- Levine, L. J., & Pizarro, D. A. (2004). Emotion and memory research: A grumpy overview. *Social Cognition*, 22(5), 530-554. <https://doi.org/10.1521/soco.22.5.530.50767>
- Li, L., Gow, A. D., & Zhou, J. (2020). The role of positive emotions in education: A neuroscience perspective. *Mind, Brain, and Education*, 14(3), 220-234. <https://doi.org/10.1111/mbe.12244>
- Maslow, A. H. (1971). *Self-actualization*. Tiburon, CA, USA: Big Sur Recordings.
- McLeod, G. (2003). Learning theory and instructional design. learning matters. [https://eddl.tru.ca/wp-content/uploads/2021/02/McLeod\\_from-learningmatters02durh.pdf](https://eddl.tru.ca/wp-content/uploads/2021/02/McLeod_from-learningmatters02durh.pdf)
- Muhajirah, M. (2020). Basic of learning theory. *International Journal of Asian Education*, 1(1), 37-42. <https://doi.org/10.46966/ijae.v1i1.23>
- O'Neill, G., & McMahon, T. (2005). Student-centred learning: What does it mean for students and lecturers.
- Patton, M. Q. (2005). Qualitative research. *Encyclopedia of Statistics in Behavioral Science*. <https://doi.org/10.1002/0470013192.bsa51>

# References

- Pekrun, R., & Stephens, E. J. (2010). Achievement emotions in higher education. *Higher Education: Handbook of Theory and Research*, 257-306. [https://doi.org/10.1007/978-90-481-8598-6\\_7](https://doi.org/10.1007/978-90-481-8598-6_7)
- Phothongsunan, S. (2010). Interpretive paradigm in educational research. <https://repository.au.edu/server/api/core/bitstreams/dc6d9ea5-e96a-4a64-a744-767904b3b73c/content>.
- Purswell, K. E. (2019). Humanistic learning theory in counselor education. *The Professional Counselor*, 9(4), 358-368. <https://doi.org/10.15241/kep.9.4.358>
- Reigeluth, C. M., & Watson, S. L. (2016). The learner-centered paradigm of education. *Instructional-Design Theories and Models, Volume IV*, 21-48. <https://doi.org/10.4324/9781315795478-10>
- Rowe, A. D., Fitness, J., & Wood, L. N. (2013). University student and lecturer perceptions of positive emotions in learning. *International Journal of Qualitative Studies in Education*, 28(1), 1-20. <https://doi.org/10.1080/09518398.2013.847506>
- Schunk, D. H. (2012). *Learning theories: An educational perspective: Pearson new international edition*. Pearson Higher Ed.
- Schunk, D. H. (2015). *Learning theories Pearson Etext access card: An educational perspective*. Pearson.
-

# References

- Treve, M. (2021). Study of Humanistic Education: Concerns, Implications, and Applications. *Turkish Journal of Computer and Mathematics Education*, 12(11), 6303-6310. <https://www.turcomat.org/index.php/turkbilmat/article/view/7005/5720>
- Wang, G. (2005). Humanistic approach and affective factors in foreign language teaching. *Sino-US English Teaching*, 2(5), 1-5. [https://doi.org/10.1207/s15430421tip4102\\_2](https://doi.org/10.1207/s15430421tip4102_2)
- Wright, G. B. (2011). Student-centered learning in higher education. *International journal of teaching and learning in higher education*, 23(1), 92-97.
- Yilmaz, K. (2008). Social studies teachers' views of learner-centered instruction. *European Journal of Teacher Education*, 31(1), 35-53. <https://doi.org/10.1080/02619760701845008>
- Zhao, Y., Zheng, Z., Pan, C., & Zhou, L. (2021). Self-esteem and academic engagement among adolescents: A moderated mediation model. *Frontiers in Psychology*, 12. <https://doi.org/10.3389/fpsyg.2021.690828>
- “SABAH GROUPS” project /Ministry of science and education Republic of Azerbaijan. (n.d.). Ministry of Science and Education Republic of Azerbaijan. <https://edu.gov.az/en/programmes/sabah-qruplari-layihesi>
-