

## SUB AREAS

- ▶ Classroom Management
- ▶ Curriculum and Instruction
- ▶ Direct Instruction
- ▶ Educational Technology
- ▶ Evidence-based Education
- ▶ General, Gifted, Mainstream, and Special Education
- ▶ Instructional Design
- ▶ Personalized System of Instruction
- ▶ Precision Teaching
- ▶ Programmed Instruction
- ▶ School-wide Positive Behavior Support
- ▶ Systems of Schooling (Administration, Policy)
- ▶ Teacher Education

## OVERVIEW

Behavior analysis has been used to improve teaching and increase learning across content areas, grade levels, and student populations for over 60 years. It provides a scientific approach to designing, implementing, and evaluating instruction based on analyzing interactions between what the teacher does and student learning. Behavioral strategies and tactics have been used to teach academics, social, vocational, and daily living skills, and to improve entire systems of schooling. Key features include high rates of relevant learner responses with contingent feedback and ongoing instructional decision-making based on direct and frequent measures of student performance. Behavioral instructional design informs curriculum development from basic academics to concept formation and problem solving.

## LEARN MORE

### Initial Publication

Skinner, B.F. (1954). The science of learning and the art of teaching. *Harvard Educational Review*, 24, 86-97.

### Recommended Reading

Keller, F. S. (1968). "Good-bye, teacher ...". *Journal of Applied Behavior Analysis*, 1, 79-89.

Barrish H. H., Saunders M., & Wolf, M. M. (1969). Good behavior game: Effects of individual contingencies for group consequences on disruptive behavior in a classroom. *Journal of Applied Behavior Analysis*, 2, 119-124.

Heward, W. L., Heron, T. E., Neef, N. A., Peterson, S. M., Sainato, D. M., Cartledge, G., Gardner III, R., Peterson, L. D., Hersh, S. B., & Dardig, J. C. (Eds.). (2005). *Focus on behavior analysis in education: Achievements, challenges, and opportunities*. Upper Saddle River, NJ: Merrill/Prentice Hall.

Vargas, J. S. (2020). *Behavior analysis for effective teaching* (3rd ed.). New York: Routledge.

### Additional Resources

- ▶ [ABAI Statement on Students' Right to Effective Education](#)
- ▶ [Behavior Analysis & Technology ABAI Special Interest Group](#)
- ▶ [National Institute for Direct Instruction](#)
- ▶ [Schoolwide Positive Behavioral Intervention & Supports](#)
- ▶ [Journal of Behavioral Education](#)