

# The effect of Shaw's Method on working memory of students with Borderline Intellectual Functioning (BIF)

□ **Marzie Torabi**, Ph.D In Psycholog , M.A. Student , Isfahan , Iran

□ **Ahmad Abedi \*** , PhD of Psychology , Associate Professor , Department of Psychology and Education of Children with Special Needs , Faculty of Education and Psychology , University of Isfahan , Isfahan , Iran

□ **Salar Faramarzi**, PhD of Psychology , Associate Professor , Department of Psychology and Education of Children with Special Needs , Faculty of Education and Psychology , University of Isfahan , Isfahan , Iran

## Abstract

**Objective:** The purpose of this research was to investigate the effectiveness of Shaw's method to enhance working memory of first-grade students with Borderline Intellectual Functioning

**Method:** A single subject method with multiple baseline design (MBD) research methodology was used. In this regard, among the first grade elementary school students in Isfahan in 2015-2017, four students with Borderline Intellectual Functioning were selected through available sampling. Data were collected using the Wechsler Fourth Intelligence Scale (WISC-IV) and clinical interviews. Students with Borderline Intellectual Functioning were placed in a 16-session (one 40-minute session per week) in Shaw's method. Data were analyzed by using visual analysis.

**Results:** The data analysis showed that Shaw's method is significantly effective in increasing working memory of students with Borderline Intellectual Functioning.

**Conclusion:** Shaw's method can be combined with other methods to improve working memory of students with Borderline Intellectual Functioning and can be used in teaching and rehabilitation of such students.

**Key words:** Borderline Intellectual Functioning , Working Memory , Shaw's Method

\* E-mail: a.abedi@edu.ui.ac.ir