**Visual recognition difficulties: Identifying primary school students’ directional confusion in writing letters and numbers**

Reading and Writing Quarterly: Overcoming Learning Difficulties

Janet E. Richmond, PhD

Myra F. Taylor, PhD

Corresponding author: Co-Author:

Dr Janet Richmond Dr Myra Taylor

Edith Cowan University Edith Cowan University

270 Joondalup Drive, 270 Joondalup Drive,

Joondalup, WA 6027 Joondalup, WA 6027

Australia Australia

Email: j.richmond@ecu.edu.au myra.taylor@ecu.edu.au

**Dr Janet Richmond** is a currently a lecturer at Edith Cowan University in occupational therapy within the school of Exercise and Health Sciences. Janet’s research interests are visual perceptual development, intervention and remediation in children and adults, attention and cognitive disorders, aging and disability. She has published two book chapters and additional articles related to her areas of research.

**Dr Myra Taylor** is a seasoned Research Fellow currently working in Edith Cowan University’s Lifespan Resilience Research Group within the School of Psychology and Social Science. Myra’s fields of research interest include infant and child development, adolescent attentional emotional and behavioural disorders, family resilience, youth antisociality and juvenile criminal offending. She is widely published having a number of books, book chapters and articles in these and related areas.

**Disclosure:** There are no financial disclosures related to this study.