Exploring the influencing factors in students’ acquisition of manipulative skills during transition from primary to secondary school

Hidayah Mohd FADZIL
Corresponding Author E-mail: hidayahmohd@gmail.com

Department of Mathematics and Science Education Faculty of Education, Universiti Malaya, 50603 Kuala Lumpur, MALAYSIA

Rohaida Mohd SAAT
Department of Mathematics and Science Education Faculty of Education, Universiti Malaya, 50603 Kuala Lumpur, MALAYSIA

E-mail: rohaida@um.edu.my

Received 23 Jun., 2014
Revised 10 Dec., 2014

Contents

1. Abstract
   1. Introduction
   2. Methodology
   3. Findings and discussion
      a. The role of the teacher
      b. Students as performers
      c. Teaching and learning
      d. The physical environment of the laboratory
   4. Conclusion
   5. Acknowledgements
   6. References

Abstract

This paper discusses the contributing factors that influence students’ acquisition of manipulative skills. Incompetence in manipulative skills in science at a