## **Accepted Manuscript**

Assessing elementary students' computational thinking in everyday reasoning and robotics programming

Guanhua Chen, Ji Shen, Lauren Barth-Cohen, Shiyan Jiang, Xiaoting Huang, Moataz Eltoukhy

PII: \$0360-1315(17)30049-0

DOI: 10.1016/j.compedu.2017.03.001

Reference: CAE 3140

To appear in: Computers & Education

Received Date: 20 September 2016

Revised Date: 28 February 2017

Accepted Date: 1 March 2017

Please cite this article as: Chen G., Shen J., Barth-Cohen L., Jiang S., Huang X. & Eltoukhy M., Assessing elementary students' computational thinking in everyday reasoning and robotics programming, *Computers & Education* (2017), doi: 10.1016/j.compedu.2017.03.001.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## ACCEPTED MANUSCRIPT

Running Head: Assess Computational Thinking

Assessing Elementary Students' Computational Thinking in Everyday Reasoning and Robotics Programming

Guanhua Chen<sup>a</sup>, Ji Shen<sup>a</sup>\*, Lauren Barth-Cohen<sup>b</sup>, Shiyan Jiang<sup>a</sup>, Xiaoting Huang<sup>c</sup>, Moataz Eltoukhy<sup>a</sup>,

- <sup>a</sup> University of Miami
- <sup>b</sup> University of Utah
- <sup>c</sup> Peking University
- \* Corresponding Author: Ji Shen, Department of Teaching and Learning, University of Miami, 5202 University Drive, Coral Gables, FL 33124

## Download English Version:

## https://daneshyari.com/en/article/4936935

Download Persian Version:

https://daneshyari.com/article/4936935

Daneshyari.com