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## Report of a Workshop on the Pedagogical Aspects of Computational Thinking

By Committee for the Workshops on Computational Thinking,  
Computer Science and Telecommunications Board, Division on  
Engineering and Physical Sciences

National Academies Press, United States, 2011. Paperback.  
Book Condition: New. 224 x 150 mm. Language: English . Brand  
New Book. In 2008, the Computer and Information Science and  
Engineering Directorate of the National Science Foundation  
asked the National Research Council (NRC) to conduct two  
workshops to explore the nature of computational thinking  
and its cognitive and educational implications. The first  
workshop focused on the scope and nature of computational  
thinking and on articulating what computational thinking for  
everyone might mean. A report of that workshop was released  
in January 2010. Drawing in part on the proceedings of that  
workshop, Report of a Workshop of Pedagogical Aspects of  
Computational Thinking, summarizes the second workshop,  
which was held February 4-5, 2010, in Washington, D.C., and  
focuses on pedagogical considerations for computational  
thinking. This workshop was structured to gather pedagogical  
inputs and insights from educators who have addressed  
computational thinking in their work with K-12 teachers and  
students. It illuminates different approaches to computational  
thinking and explores lessons learned and best practices.  
Individuals with a broad range of perspectives contributed to  
this report. Since the workshop was not intended to result in a  
consensus regarding the scope and nature of computational  
thinking, Report...

### Reviews

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