

1. Record Nr.	UNINA9910957157103321
Titolo	Global perspectives for local action : using TIMSS to improve U.S. mathematics and science education // a joint project of the Committee on Science Education K-12 and the Mathematical Sciences Education Board ; Continuing to Learn from TIMSS Committee, Center for Science, Mathematics, and Engineering Education, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c1999
ISBN	0-309-17289-6 0-309-51928-4 0-585-17193-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (102 p.)
Disciplina	510/.71/073
Soggetti	Mathematics - Study and teaching - United States Science - Study and teaching - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Reviewers""; ""Contents""; ""Preface""; ""Executive Summary""; "" CHAPTER 1 What Is TIMSS ?""; ""CHAPTER 2 What Does TIMSS Say About Student Achievement?""; ""CHAPTER 3 What Does TIMSS Say About the Mathematics and Science Curriculum? CHAPTER THREE""; ""CHAPTER 4 What Does TIMSS Say About Instructional Practices?""; ""CHAPTER 5 What Does TIMSS Say About School Support Systems?""; ""CHAPTER 6 Frequently Asked Questions About TIMSS""; ""References""
Sommario/riassunto	The Third International Mathematics and Science Study (TIMSS) raised the alarm about U.S. mathematics and science education. Most Americans are now aware that U.S. students lag behind their peers in other developed nations. In one state, the legislature reacted by lengthening the school year, assuming that more time on academic content would boost student performance. Some educators have fixed the blame on the mathematics and science curricula typically used in U. S. schools. Does the problem lie in the curricula, instruction, or the system of support available to teachers? This book presents the first

comprehensive analysis of TIMSS study-a half-million students from 15,000 schools around the world. It presents detailed reports on three major aspects of education, including curriculum issues, teaching practices, and school support.
