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Titolo	Programming in the primary grades : beyond the hour of code / / Sam Patterson
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ISBN	1-4758-2545-5
Descrizione fisica	1 online resource (121 p.)
Disciplina	372.133/4
Soggetti	Education, Primary - Computer-assisted instruction Computer programming - Study and teaching (Primary)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Why teach programming in the primary grades? -- What can we learn through programming? -- Offline programming and the power of dance to develop logic -- Programming for pre-readers -- Blockly-based app programming -- Scratch and other web-based programming platforms -- Learning with robots : lesson design in three dimensions -- Programming to learn social skills -- Programming to learn to read -- Programming to learn in elementary STEM -- Resources and quick-start lesson ideas.
Sommario/riassunto	Programming in the Primary Grades demystifies teaching core content through programming. Without becoming a step by step guide, the text helps teachers visualize and implement learning activities that build on the engagement and excitement students' experience when they are programming. While the focus of the book is programming, it isn't about the technology. Dr. Patterson helps teachers visualize and plan engaging and empowering lessons that use programming as a way for students to share their developing understanding of a subject. Whether you have no tech or a full one to one program, Progr