

Artificial Intelligence in School

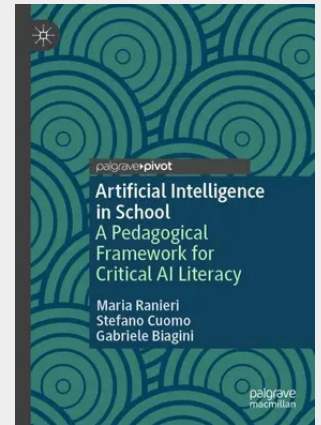
A Pedagogical Framework for Critical AI Literacy

This book addresses a growing and urgent educational challenge: equipping students and educators with the knowledge and critical tools needed to understand and navigate the complex world of Artificial Intelligence (AI). Drawing on digital literacy education and the ethics of digital media, it adopts an interdisciplinary approach to combine theoretical insights with practical instructional strategies for teaching about AI. Designed with school-age learners in mind, the book includes a wide range of methodologies, such as Philosophy for Children, Inquiry-Based Learning, gamification to offer concrete, adaptable classroom activities suitable for diverse age groups and educational settings.

Responding to the increasing demand from policymakers and educators for clearer guidance on AI education, the book promotes an approach grounded in awareness, inclusion, and responsibility. Structured around the four key dimensions of AI literacy (cognitive, operational, critical, and ethical), it provides a coherent and comprehensive learning pathway that extends beyond technical skills to foster critical thinking, ethical reflection, and democratic participation.

Filling a significant gap in the current literature, this project delivers a practical educational toolkit for schools and teachers, supporting students not only in using AI, but also in questioning, critically evaluating, and shaping its development in alignment with human and civic values. In doing so, it contributes to the growth of informed and responsible digital citizenship.

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117,69 €

109,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783032159182

Medium: Buch

ISBN: 978-3-032-15918-2

Verlag: Palgrave Macmillan

Erscheinungstermin: 05.05.2026

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2026

Serie: Digital Education and Learning

Produktform: Gebunden

Seiten: 152

Format (B x H): 148 x 210 mm

