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Autore	Zull James E (James Ellwood), <1939->
Titolo	From brain to mind [[electronic resource]] : using neuroscience to guide change in education / James E. Zull
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ISBN	1-00-344488-1 1-000-97219-4 1-003-44488-1 1-57922-605-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (306 p.)
Disciplina	612.8/2
Soggetti	Learning - Physiological aspects Learning, Psychology of Cognitive neuroscience
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 and index.
Nota di contenuto	The natural journey from brain to mind -- The great transformation; changing perception into action, and vice versa -- Finding the freedom, finding the joy: emotion and progress toward mind -- Toward deeper learning: growth of mind by making meaning and creating ideas -- Getting the picture: images and other neuronal patterns for building mind -- Basics: the symbolic brain and education (language, mathematics, and music) -- Creating memory: foundations and superstructure for the mind -- Using memory: the ultimate destination in the journey -- Purpose and principles for education: organizing knowledge and serving learners -- The connecting thread: knowing our own mind.
Sommario/riassunto	With his knack for making science intelligible for the layman, and his ability to illuminate scientific concepts through analogy and reference to personal experience, James Zull offers the reader an engrossing and coherent introduction to what neuroscience can tell us about cognitive development through experience, and its implications for education. Stating that the time is ripe to recognize that "the primary objective of education is to understand human learning" and that "all other

objectives depend on achieving this understanding", James Zull challenges readers to focus on this purpose, fi
