

## 新进外文图书

记录标识号	WW0006773
ISBN	9781522504801
中图分类号	G4/k1
题名	Knowledge visualization and visual literacy in science education/Anna Ursyn,editor
出版	Hershey: An Imprint of IGI Global, 2016
描述	431p: illus. (some col.); 29cm
内容	Effective communication within learning environments is a pivotal aspect to students' success. By enhancing abstract concepts with visual media, students can achieve a higher level of retention and better understand the presented information. Knowledge Visualization and Visual Literacy in Science Education is an authoritative reference source for the latest scholarly research on the implementation of visual images, aids, and graphics in classroom settings and focuses on how these methods stimulate critical thinking in students. Highlighting concepts relating to cognition, communication, and computing, this book is ideally designed for researchers, instructors, academicians, and students.
主题	Science--Study and teaching--Graphic

记录标识号	WW0006771
ISBN	9780226270845
中图分类号	N05/h2
题名	Houston, we have a narrative : why science needs story / Randy Olson. [monograph]
出版	Chicago : The University of Chicago Press, 2015.
描述	vii, 260 pages : illustrations ; 24 cm
内容	Scientist-turned-filmmaker Randy Olson knows how to fix that: use the power of story. Most scientists are terrible storytellers. They don't know how to tell stories or why they're important; in the worst cases, they're openly hostile to the very concept of storytelling. That changes now. With Houston, We Have a Narrative, Olson offers a stunningly simple method for turning the dull into the dramatic. Using the basic elements of story-narrative structures that are nearly as fundamental as DNA--he shows how to replace the novice's snooze-inducing world of "and, and, and" with "And, But, Therefore," or ABT. At a stroke, the ABT approach introduces momentum ("And"), conflict ("But"), and resolution ("Therefore")--the crucial building blocks of story. As Olson has shown by leading countless workshops worldwide, when people's eyes are opened to ABT, the effect is staggering: suddenly, they're not just talking about their work--they're telling stories about it. And audiences are captivated.
主题	Communication in science.
	Science in motion pictures.
	Storytelling.

记录标识号	WW0006775
ISBN	9781138191594
中图分类号	B84-51/N1
题名	Neo-Piagetian theories of cognitive development : Implications and applications for education/Andreas Demetriou,Michael Shayer,Anastasia Eflidides
出版	London, New York: bRoutledge, 2016
描述	xiii,306p, 24p
内容	Contents: Part I, General principles of cognitive organization and change and Implications for education; Part II, Inducing cognitive change; Part III, Applications in specific domains.
主题	Cognition in children--Congresses
	Constructivism (Education)--Congresses
	Piaget,Jean,1896--Congresses

记录标识号	WW0006774
ISBN	9781938946295
中图分类号	N4/N1
题名	NGSS for all students/Okhee Lee,Emily Miller,RitaJanuszyk
出版	Arlington,Virginia: NSTA press(National Science Teachers Association), 2015
描述	xiv,210p; 28cm
内容	It's challenging to teach science well to all students while aligning your lessons with the Next Generation Science Standards (NGSS). This unique book portrays real teaching scenarios written by the teachers on the NGSS Diversity and Equity Team. The seven authentic case studies vividly illustrate research- and standards-based classroom strategies you can use to engage seven diverse demographic groups: Economically disadvantaged students, Students from major racial and ethnic groups, Students with disabilities, English language learners, Girls, Students in alternative education, Gifted and talented students. Supplementing the case studies are additional chapters to deepen your understanding of the strategies and help you apply what you learn. These chapters address how to design units with the NGSS and diversity in mind, apply a rubric to improve your teaching with NGSS to diverse student groups, and use the case studies in teacher study groups. Furthermore, leaders behind the NGSS--including Helen Quinn, Stephen Pruitt, Andrés Henríquez, and Joe Krajcik—offer their insights and commitments to supporting diversity and equity.
主题	Next Generation Science Standards (Education)
	Science--Study and teaching--United States

记录标识号	WW0006776
ISBN	9781138143074
中图分类号	N05/S6
题名	Science/Steve Fuller
出版	Taylor, Francis Group: Routledge, 2016
描述	v,170p; 22cm
丛编项	The art of living series/Series Editor: Mark Vernon
内容	Contents: The gospel according to Dr Strangelove; Can science live with its past?; Styles of living scientifically: a tale of three nations; We are all scientists now: the rise of Protsience; The scientific ethic and the spirit of literalism; What has atheism - old or new - ever done for science?; Science as an instrument of divine justice; Scientific progress as secular providence; Science poised between changing the future and undoing the past; Further reading.
主题	Science

记录标识号	WW0006777
ISBN	9781138173743
中图分类号	G202-09/A1
题名	A History of Mass Communication: Six Information Revolutions/Irving Fang
出版	London,New York: Routledge, 2016
描述	xiii,280p; 26cm
内容	This exciting new text traces the common themes in the long and complex history of mass communication. It shows how the means of communicating grew out of their eras, how they developed, how they influenced the societies of those eras, and how they have continued to exert their influence upon subsequent generations. The book is divided into six periods that are identified as Information Revolutions: writing, printing, mass media, entertainment, the "toolshed" (which we now call home), and the Information Highway.
主题	Communication-History

记录标识号	WW0006778
ISBN	9781138937130
中图分类号	G40/Q1
题名	Qualitative research in stem: Studies of Equity, Access, and Innovation/Sherry Marx
出版	London,New York: Routledge, 2016
描述	vii,321p; 23cm
内容	Qualitative Research in STEM examines the groundbreaking potential of qualitative research methods to address issues of social justice, equity, and sustainability in STEM. A collection of empirical studies conducted by prominent STEM researchers, this book examines the experiences and challenges faced by traditionally marginalized groups in STEM, most notably culturally and linguistically diverse students and women. Investigations into these issues, as well as the high dropout rate among engineering students and issues of academic integrity in STEM, come with detailed explanations of the study methodologies used in each case. Contributors also provide personal narratives that share their perspectives on the benefits of qualitative research methodologies for the topics explored. Through a variety of qualitative methodologies, including participatory action research, Indigenous research, and critical ethnography, this volume aims to reveal and remedy the inequalities within STEM education today.
主题	Qualitative research

记录标识号	WW0006772
分类号	B84/T5
ISBN	9780262029698 (hardcover : alk. paper)
题名	The handbook of attention / edited by Jonathan M. Fawcett, Evan F. Risko, Alan Kingstone.
出版	Cambridge, Massachusetts : MIT Press, [2015]
描述	xii, 678 pages : illustrations ; 24 cm
书目	Includes bibliographical references and index.
内容	Laboratory research on human attention has often been conducted under conditions that bear little resemblance to the complexity of our everyday lives. Although this research has yielded interesting discoveries, few scholars have truly connected these findings to natural experiences. This book bridges the gap between "laboratory and life" by bringing together cutting-edge research using traditional methodologies with research that focuses on attention in everyday contexts. It offers definitive reviews by both established and rising research stars on foundational topics such as visual attention and cognitive control, underrepresented domains such as auditory and temporal attention, and emerging areas of investigation such as mind wandering and embodied attention. The contributors discuss a range of approaches and methodologies, including psychophysics, mental chronometry, stationary and mobile eye-tracking, and electrophysiological and functional brain imaging. Chapters on everyday attention consider such diverse activities as driving, shopping, reading, multitasking, and playing videogames. All chapters present their topics in the same overall format: historical context, current research, the possible integration of laboratory and real-world approaches, future directions, and key and outstanding issues.
主题 - LC	Attention.