[Interlocutor Creative Dialog Multimedia Lipkin and Jonathan Traub](#)

The M I T Press, Design Issues in Design Issues (2000)
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[Winning by design: the methods of Gordon Murray, racing car designer](#)

N Cross, A C Cross in Design Studies (1996)
This is a case study of the working methods of one particularly successful designer in a highly competitive design domain, Formula One racing car design. Gordon Murray was chief designer for the very successful Brabham and McLaren racing car teams…
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Maud Hickey in Research Studies in Music Education (1997)
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Children's creative collaboration during a computer-based music task

Allan Hewitt in International Journal of Educational Research (2008)
The purpose of this study was to identify and analyse specific instances of transactive communication as children engaged in a paired melody writing task using a computer-based composing environment. Transactive communication has been identified as…
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Musical creativity and the new technology

Bill Crow in Music Education Research (2006)
This article considers the position of the new technology in relation to musical creativity in the classroom. Creativity in music education is generally believed to be a good thing. However, it does not always engage or motivate pupils. Moreover,…
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Teaching Creativity with Computers

H. Clements, Douglas in Educational Psychology Review (1995)
Some critcize computer use because computers-by their nature mechanist and algorithmic-support only uncreative thinking and production. However, adults increasingly view computers as valuable tools of creative production. Educational research…
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Assessing creativity in musical compositions: flow as an assessment tool

Charles Byrne, Raymond MacDonald, Lana Carlton in British Journal of Music Education (2003)
This study was designed to examine any links between the concept of flow or optimal experience and the creative output of student compositions. The creative products of group compositions by university students (n=45) were rated for creativity and…
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[Why is teaching composing so challenging? A survey of classroom observation and teachers' opinions](#)

Rebecca Berkley in British Journal of Music Education (2001)
This analysis of the challenges facing teachers of composing for the General Certi®cate of Secondary Education (GCSE) is based on a survey of teachers' opinions and classroom observation. The article answers three questions: can all GCSE students…
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[Making progress with composing](#)

John Paynter in British Journal of Music Education (2000)
Although it is widely acknowledged that composition has a part to play in general musical education, some critics have argued that its place in the school curriculum is not justified by the results. John Paynter finds the evidence still on the whole…
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[A Time Analysis of the Compositional Processes Used by Children Ages 7 to 11](#)

John Kratus in Journal of Research in Music Education (1989)
The purpose of this study was to examine the amount of time that children of different ages, sexes, and proficiency levels spent on various compositional processes while creating a melody.The authorgave 60 children (ages 7, 9, and 11) 10 minutesto…
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[How Children Ascribe Meaning to Improvisation and Composition: Rethinking pedagogy in music education](#)

Pamela Burnard in Music Education Research (2000)

This paper is taken from doctoral research which sought to discover how children engage in and reect on their experiences of improvising and composing. The study was carried out at a comprehensive Middle School in West London where 18 self-selected…
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Creative Thinking in Music

Maud Hickey, Peter Webster in Music Educators Journal (1988)
Rather than focusing on training children to be creative, it might be better for music teachers to nurture children's inherent ability to think creatively in music
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Review of Explaining Creativity: The Science of Human Innovation

S B Kaufman in Psychology of Aesthetics Creativity and the Arts (2007)
Explaining Creativity is a refreshing analysis of creativity within a broad range of creative domains that are often neglected in scientific treatments of creativity. The book casts a wide net of perspectives, including psychology, sociology,…
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The influence of creative style and climate on software development team creativity: An exploratory study

M H Fagan in Journal of Computer Information Systems (2004)
Organizations implement innovative information technology (IT) applications to help them achieve competitive advantage. This exploratory research investigates the role of creative style and climate in work creativity on teams striving to develop…
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Creativity as Flexible Cognitive Control

Darya L Zabelina, Michael D Robinson in Psychology of Aesthetics Creativity and the Arts (2010)
Creative individuals have been described in terms suggestive of greater automatic processing (e.g., defocused attention, looser associations) and greater controlled processing (e.g., greater abilities to focus

while working on a creative task). Both…
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Collaborative creativity

Lena Mamykina, Linda Candy, Ernest Edmonds in Communications of the ACM (2002)
Creativity is a unique human activity and the challenge is to understand in what ways technology can enhance the creative process. In the past research, creativity was only focused on individual and individual's cognitive processes but the recent…
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TOWARD A THEORY OF CREATIVITY

Richard W Woodman, John E Sawyer, Ricky W Griffin in Management (2010)
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Handbook of creativity

Robert J Sternberg in Cambridge University Press (1999)
The goal of this handbook is to provide the most comprehensive, definitive, and authoritative single-volume review available in the field of creativity. The book contains twenty-two chapters covering a wide range of issues and topics in the field of…

Paradigms in the study of creativity: introducing the perspective of cultural psychology

Vlad Glăveanu in New Ideas in Psychology (2010)
This article identifies three paradigms in creativity theory and research in psychology. The He-paradigm, focused on the solitary genius, has been followed, mainly after the 1950s, by the I-paradigm, equally individualistic in nature but attributing…
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The Impact of Technology on Creativity in Design: An Enhancement?

Nathalie Bonnardel, Franck Zenasni in Creativity and Innovation Management (2010)
Technology may be considered as an interface between individuals and the products they create, but we have to determine whether the use of new systems effectively enhance individuals creative activities. In this paper, we present a new angle of…
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Creativity and the Brain

Wlodzislaw Duch (2010)
Neurocognitive approach to higher cognitive functions that bridges the gap between psychological and neural level of description is introduced. Relevant facts about the brain, working memory and representation of symbols in the brain are summarized.…
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A framework for understanding creativity in requirements engineering

L Nguyen, G Shanks in Information and Software Technology (2009)
Creativity is important in the discovery and analysis of user and business requirements to achieve innovative uses of information and communication technologies. This paper builds a theoretical framework for understanding creativity in requirements…
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The Definition and Measurement of Creativity: What Do We Know?

Jaafar El-Murad, Douglas C West in Journal of Advertising Research (2004)
Creativity is arguably the most important element in advertising success. This article reviews the trends in creativity research and asks (1) what do we know about advertising creativity, (2) how can we measure it, and (3) how can we enhance and…
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Explaining Creativity: The Science of Human Innovation

R Keith Sawyer in Creativity and consciousness philosophical and (2006)
In the last 50 years, psychologists, anthropologists, and sociologists have increasingly turned to studying creativity, so we now know more about it than ever before. However, until about a decade ago, creativity researchers focused only on highly…
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Encouraging Creativity with Scientific Inquiry

in Creative Education (2010)
Creativity facilitates scientists in their investigations of new problems or with a new orientation. However, K-12 science education typically does not acknowledge this aspect of creativity. Science/ Technology/Society provides an avenue for…
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Formal Theory of Creativity , Fun , and Intrinsic Motivation

J Schmidhuber in Autonomous Mental Development IEEE (2010)
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The Origins of Creativity

Karl H Pfenninger, Valerie R Shubik (2001)
The exploration of creativity used to be confined to the domains of psychology and philosophy. This has changed greatly in recent years with the dramatic advances of modern neuroscience and our greatly improved understanding of higher brain…
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O Yu Glushkova in Arts Education Policy Review (2010)
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The Nature of Creativity

Robert J Sternberg in Creativity Research Journal (2010)
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The cognitive neuroscience of creativity.

Arne Dietrich in Psychonomic bulletin review (2004)
This article outlines a framework of creativity based on functional neuroanatomy. Recent advances in the field of cognitive neuroscience have identified distinct brain circuits that are involved in specific higher brain functions. To date, these…
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An Autopoietic Systems Theory for Creativity

Takashi Iba in Procedia Social and Behavioral Sciences (2010)
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The Nature of Creativity

Robert Sternberg in Creativity Research Journal (2006)
Like E. Paul Torrance, my colleagues and I have tried to understand the nature of creativity, to assess it, and to improve instruction by teaching for creativity as well as teaching students to think creatively. This article reviews our investment…
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Fostering Creativity

Carl J Neumann in Molecular Biology (2007)
The author reflects on fostering creativity in the workplace. She explains that allowing employees to occasionally free themselves from tight schedules and retreat to a calming environment requires management to consider the idea of fewer meetings…
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Innovation and creativity

Andy C Pratt, D Fay in Applied Psychology (2010)
Comments on M. West's article regarding the validity of an integrative model of creativity and innovation implementation in work groups. Variables affecting the level of team innovation; Relationship between predictors and team innovation; Promotion…
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B Y Courtney Bryant in ReCALL (2010)
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Determinants of creativity and innovation in the workplace: a comprehensive review

T Nanda, T P Singh in International Journal of Technology Policy and Management (2009)
In today's competitive business environment, the global competition is forcing companies to perpetually seek ways to improve their products and services. The pressure on organisations to adapt to new technologies and external threats requires…
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Neuroanatomy of creativity.

Rex E Jung, Judith M Segall, H Jeremy Bockholt, Ranee A Flores, Shirley M Smith, Robert S Chavez, et al. in Human Brain Mapping (2010)
Creativity has long been a construct of interest to philosophers, psychologists and, more recently, neuroscientists. Recent efforts have focused on cognitive processes likely to be important to the manifestation of novelty and usefulness within a…
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Groundbreaking Investigator of Creativity:

An Interview With James C. Kaufman

Suzanna Henshon in Roeper Review (2010)
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Understanding and supporting creativity in design

H Johnson (2010)
The topic of this thes is to understand and support creativity in design. While the interdisciplinary field of Human-Computer Interaction has been described as a design-oriented field of research, it has been argued that our understanding of design…
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Creativity and Innovation through Multidisciplinary and Multisectoral Cooperation

Jorge Alves, M J Marques, Irina Saur, Pedro Marques in Creativity and Innovation Management (2007)
This paper explores the relation between creativity, innovation and new product development in multidisciplinary and multisectoral settings. We claim that the development of innovative products benefits from the generation of a high number of…
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Enhancing Creativity

R S Nickerson in Handbook of Creativity (1999)
To survive and succeed, firms must innovate. Intensified globai compe- tition and an emphasis on rapidly changing technologies have only reinforced this long-held notion. To remain competitive, firms must develop and introduce new products or…
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Creativity Is Not Enough

T Levitt in Harvard Business Review (2002)
Creativity is often touted as a miraculous road to organizational growth and affluence. But creative new ideas can hinder rather than help a company if they are put forward irresponsibly. Too often, the creative types who generate a proliferation of…
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Unpacking creativity

Kerrie Unsworth in Academy of Management Review (2001)
Creativity research has a long and illustrious history, yet the assumptions on which it is based have not been questioned. Most researchers assume that creativity is a unitary construct, hindering a fuller understanding of the phenomenon. Here I…
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