

# Mind The Gap Life Sciences Study Guide

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**Communities in Action** - National Academies of Sciences, Engineering, and Medicine 2017-04-27

In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. *Communities in Action: Pathways to Health Equity* seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and structural barriers that need to be overcome.

**Mind The Gap** - Dr Karen Gurney 2020-03-05

'This book taught me so much about female desire. A must read!' Cherry Healey Did you know that there is an orgasm gap of around 30% between heterosexual couples when they have sex? In *Mind The Gap*, Dr Karen Gurney, a clinical psychologist and certified psychosexologist, explores not just this gap, but the gaps in our knowledge of so much of the most important new science around sex and desire. In this book, you will learn that nearly everything that you've been led to believe about female sexuality isn't actually true. And that, despite what you might think, it is possible to simultaneously feel little to no spontaneous desire and have a happy and mutually satisfying sex life long term. Exploring the mismatch between ideas about sex in our society and what the science tells us, *Mind The Gap* also explains how this disconnect lies at the root of many of our sexual problems. Combining science with case studies, practical exercises and tips, this is a book for anyone who wants to better understand the mechanics of desire and futureproof their sex life, for life.

**Life Sciences, Grade 10** - Annemarie Gebhardt 2012-01-05

*Study & Master Life Sciences Grade 10* has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in Life Sciences. The comprehensive Learner's Book includes: \* an expanded contents page indicating the CAPS coverage required for each strand \* a mind map at the beginning of each module that gives an overview of the contents of that module \* activities throughout that help develop learners' science knowledge and skills as well as Formal Assessment tasks to test their learning \* a review at the end of each unit that provides for consolidation of learning \* case studies that link science to real-life situations and present balanced views on sensitive issues. \* 'information' boxes providing interesting additional information and 'Note' boxes that bring important information to the learner's attention

**Study and Master Life Sciences Grade 11 CAPS Study Guide** - Gonasagaren S. Pillay 2014-08-21

**The Righteous Mind** - Jonathan Haidt 2013-02-12

NEW YORK TIMES BESTSELLER • The acclaimed social psychologist challenges conventional thinking about morality, politics, and religion in a way that speaks to conservatives and liberals alike—a “landmark contribution to humanity’s understanding of itself” (The New York Times Book Review). Drawing on his twenty-five years of groundbreaking research on moral psychology, Jonathan Haidt shows how moral

judgments arise not from reason but from gut feelings. He shows why liberals, conservatives, and libertarians have such different intuitions about right and wrong, and he shows why each side is actually right about many of its central concerns. In this subtle yet accessible book, Haidt gives you the key to understanding the miracle of human cooperation, as well as the curse of our eternal divisions and conflicts. If you’re ready to trade in anger for understanding, read *The Righteous Mind*.

**Life Sciences, Grade 12** - Gonasagaren S. Pillay 2014-06-26

*Study And Master Life Sciences Grade 10 Teacher's Guide* - Annemarie Gebhardt 2005-09-01

*Study & Master Life Sciences* was developed by practising teachers, and covers all the requirements of the National Curriculum Statement for Life Sciences. Learner's Book: □ module openers, explaining the outcomes Ž icons, indicating group, paired or individual activities Ž key vocabulary boxes, which assist learners in dealing with new terms Ž activities to solve problems, design solutions, set up tests/controls and record results Ž assessment activities Ž case studies, and projects, which deal with issues related to the real world, and move learners beyond the confines of the classroom Teacher's Guide: Ž An overview of the RNCS Ž an introduction to outcomes-based education Ž a detailed look at the Learning Outcomes and Assessment Standards for Life Sciences, and how much time to allocate to each during the year Ž information on managing assessment Ž solutions to all the activities in the Learner's Book Ž photocopyable assessment sheets

**Approaches to Human Geography** - Stuart C. Aitken 2014-12-01

"The book covers some of the (traditionally) most obtuse and difficult-to-grasp philosophical ideas that have influenced geographers/geography. The fact that these are presented in an inclusive and accessible manner is a key strength. Many students have commented that the chapters they have read have encouraged them to read more in this field, which is fantastic from a lecturer's perspective." - Richard White, Sheffield Hallam University A new edition of the classic *Approaches* text for students, organised in three sections, which overviews and explains the history and philosophy of Human Geographies in all its applications by those who practise it: Section One – Philosophies: Positivist Geography / Humanism / Feminist Geographies / Marxisms / Structuration Theory / Human Animal / Realism / Postmodern Geographies/ Poststructuralist Theories / Actor-Network Theory, / Postcolonialism / Geohumanities / Technologies Section Two – People: Institutions and Cultures / Places and Contexts / Memories and Desires / Understanding Place / Personal and Political / Becoming a Geographer / Movement and Encounter / Spaces and Flows / Places as Thoughts Section Three – Practices: Mapping and Geovisualization / Quantification, Evidence, and Positivism / Geographic Information Systems / Humanism / Activism / Feminist Geographies / Poststructuralist Theories / Psychoanalysis / Environmental Inquiry / Contested Geographies and Culture Wars Fully updated throughout and with eight brand new chapters - this is the core text for modules on history, theory, and practice in Human Geography.

**South African Schooling: The Enigma of Inequality** - Nic Spaull 2019-11-05

This volume brings together many of South Africa’s leading scholars of education and covers the full range of South African schooling: from financing and policy reform to in-depth discussions of literacy, numeracy, teacher development and curriculum change. The book moves beyond a historical analysis and provides an inside view of the questions South African scholars are now grappling with: Are there different and preferential equilibria we have not yet thought of or explored, and if so what are they? In practical terms, how does one get to a more equitable distribution of teachers, resources and learning outcomes? While decidedly local, these questions resonate throughout the developing world. South Africa today is the most unequal country in the world. The

richest 10% of South Africans lay claim to 65% of national income and 90% of national wealth. This is the largest 90-10 gap in the world, and one that is reflected in the schooling system. Two decades after apartheid it is still the case that the life chances of most South African children are determined not by their ability or the result of hard-work and determination, but instead by the colour of their skin, the province of their birth, and the wealth of their parents. Looking back on almost three decades of democracy in South Africa, it is this stubbornness of inequality and its patterns of persistence that demands explanation, justification and analysis. "This is a landmark book on basic education in South Africa, an essential volume for those interested in learning outcomes and their inequality in South Africa. The various chapters present conceptually and empirically sophisticated analyses of learning outcomes across divisions of race, class, and place. The book brings together the wealth of decades of research output from top quality researchers to explore what has improved, what has not, and why." Prof Lant Pritchett, Harvard University "There is much wisdom in this collection from many of the best education analysts in South Africa. No surprise that they conclude that without a large and sustained expansion in well-trained teachers, early childhood education, and adequate school resources, South Africa will continue to sacrifice its people's future to maintaining the privileges of the few." Prof Martin Carnoy, Stanford University "Altogether, one can derive from this very valuable volume, if not an exact blueprint for the future, then certainly at least a crucial and evidence-based itinerary for the next few steps." Dr Luis Crouch, RTI

**Cross-cultural Studies in Curriculum** - Claudia Eppert 2008

This volume broadens the horizon of educational research in North America by introducing a comprehensive dialogue between Eastern and Western philosophies and perspectives on the subject of curriculum theory and practice. It is a very timely work in light of the progressively globalized nature of education and educational studies and the increasingly widespread attunement to Eastern educational theories in the West. By introducing Eastern perspectives, this book questions taken-for-granted thinking in Western educational thought about the foundations of teaching and learning, curriculum theory, educational policy, and educational issues such as teaching for social justice, service-learning initiatives, human rights and environmental education, and the teaching of content area subjects. It provides an important opportunity for scholars from different countries and different disciplines to establish a solid yet accessible foundation of East-West inquiry that furthers the scope and depth of curriculum studies and to disseminate the insights from this book in the venues in which they work. Researchers, faculty, and graduate students in the fields of curriculum theory, curriculum and instruction, educational foundations, philosophy of education, international/comparative education, and multicultural educational studies will welcome this book. It is appropriate as a text for upper-level courses in these areas.

**ANTHEM** - Ayn Rand 2021-01-01

Hailed by The New York Times as "a compelling dystopian look at paranoia from one of the most unique and perceptive writers of our time," this brief, captivating novel offers a cautionary tale. The story unfolds within a society in which all traces of individualism have been eliminated from every aspect of life — use of the word "I" is a capital offense. The hero, a rebel who discovers that man's greatest moral duty is the pursuit of his own happiness, embodies the values the author embraced in her personal philosophy of objectivism: reason, ethics, volition, and individualism. Anthem anticipates the themes Ayn Rand explored in her later masterpieces, *The Fountainhead* and *Atlas Shrugged*. Publisher's Weekly acclaimed it as "a diamond in the rough, often dwarfed by the superstar company it keeps with the author's more popular work, but every bit as gripping, daring, and powerful." Anthem is a dystopian fiction novella by Ayn Rand, written in 1937 and first published in 1938 in England. It takes place at some unspecified future date when mankind has entered another dark age characterized by irrationality, collectivism, and socialistic thinking and economics. Technological advancement is now carefully planned (when it is allowed to occur at all) and the concept of individuality has been eliminated.

**Self-Directed Learning and the Academic Evolution from Pedagogy to Andragogy** - Patrick C. Hughes 2021

"This book fills the gap between theory-laden academic books designed to help academic faculty incorporate self-directed learning activities into their courses and the self-help books designed to help motivate individuals to learn new skills"--

**The Gap** - Thomas Suddendorf 2013-11-12

An award-winning psychologist argues that a capacity for fiction

distinguishes humans from animals, explaining how the human mind has a unique ability to imagine, reflect and connect with other minds to consider real and imagined scenarios.

**Democracy and Education** - John Dewey 1916

John Dewey's *Democracy and Education* addresses the challenge of providing quality public education in a democratic society. In this classic work Dewey calls for the complete renewal of public education, arguing for the fusion of vocational and contemplative studies in education and for the necessity of universal education for the advancement of self and society. First published in 1916, *Democracy and Education* is regarded as the seminal work on public education by one of the most important scholars of the century.

**Mind the Gap** - Richard G. Wilkinson 2001-01-01

Inequality kills. Both rich and poor die younger in countries with the greatest inequalities in income. Countries such as the United States with big gaps between rich and poor have higher death rates than those with smaller gaps such as Sweden and Japan. Why? In this provocative book, Richard Wilkinson provides a novel Darwinian approach to the question. Wilkinson points out that inequality is new to our species: in our two-million-year history, human societies became hierarchical only about ten thousand years ago. Because our minds and bodies are adapted to a more egalitarian life, today's hierarchical structures may be considered unnatural. To people at the bottom of the heap, the world seems hostile and the stress is harmful. If you are not in control, you're at risk. This is a penetrating analysis of patterns of health and disease that has implications for social policy. Wilkinson concludes that rather than relying on more police, prisons, social workers, or doctors, we must tackle the corrosive social effects of income differences in our society.

**Study and Master Geography Grade 10 CAPS Study Guide** - Helen Collett 2014-10-23

**The Health Gap** - Michael Marmot 2015-09-10

'Punchily written ... He leaves the reader with a sense of the gross injustice of a world where health outcomes are so unevenly distributed' Times Literary Supplement 'Splendid and necessary' Henry Marsh, author of *Do No Harm*, New Statesman There are dramatic differences in health between countries and within countries. But this is not a simple matter of rich and poor. A poor man in Glasgow is rich compared to the average Indian, but the Glaswegian's life expectancy is 8 years shorter. The Indian is dying of infectious disease linked to his poverty; the Glaswegian of violent death, suicide, heart disease linked to a rich country's version of disadvantage. In all countries, people at relative social disadvantage suffer health disadvantage, dramatically so. Within countries, the higher the social status of individuals the better is their health. These health inequalities defy usual explanations. Conventional approaches to improving health have emphasised access to technical solutions – improved medical care, sanitation, and control of disease vectors; or behaviours – smoking, drinking – obesity, linked to diabetes, heart disease and cancer. These approaches only go so far. Creating the conditions for people to lead flourishing lives, and thus empowering individuals and communities, is key to reduction of health inequalities. In addition to the scale of material success, your position in the social hierarchy also directly affects your health, the higher you are on the social scale, the longer you will live and the better your health will be. As people change rank, so their health risk changes. What makes these health inequalities unjust is that evidence from round the world shows we know what to do to make them smaller. This new evidence is compelling. It has the potential to change radically the way we think about health, and indeed society.

**The Futures of Old Age** - John A Vincent 2006-06-02

What is the future of old age? How will families, services, and economies adapt to an older population? Such questions often provoke extreme and opposing answers: some see ageing populations as having the potential to undermine economic growth and prosperity; others see new and exciting ways of living in old age. *The Futures of Old Age* places these questions in the context of social and political change, and assesses what the various futures of old age might be. Prepared by the British Society of Gerontology, *The Futures of Old Age* brings together a team of leading international gerontologists from the United Kingdom and United States, drawing on their expertise and research. The book's seven sections deal with key contemporary themes including: population ageing; households and families; health; wealth; pensions; migration; inequalities; gender and self; and identity in later life.

**Protocells** - Steen Rasmussen 2008-11-07

The first comprehensive general resource on state-of-the-art protocell

research, describing current approaches to making new forms of life from scratch in the laboratory. *Protocells* offers a comprehensive resource on current attempts to create simple forms of life from scratch in the laboratory. These minimal versions of cells, known as protocells, are entities with lifelike properties created from nonliving materials, and the book provides in-depth investigations of processes at the interface between nonliving and living matter. Chapters by experts in the field put this state-of-the-art research in the context of theory, laboratory work, and computer simulations on the components and properties of protocells. The book also provides perspectives on research in related areas and such broader societal issues as commercial applications and ethical considerations. The book covers all major scientific approaches to creating minimal life, both in the laboratory and in simulation. It emphasizes the bottom-up view of physicists, chemists, and material scientists but also includes the molecular biologists' top-down approach and the origin-of-life perspective. The capacity to engineer living technology could have an enormous socioeconomic impact and could bring both good and ill. *Protocells* promises to be the essential reference for research on bottom-up assembly of life and living technology for years to come. It is written to be both resource and inspiration for scientists working in this exciting and important field and a definitive text for the interested layman.

*IDisorder: Understanding Our Obsession with Technology and Overcoming Its Hold on Us* - Larry D. Rosen 2013-08-06

A technology and psychology expert looks at the stress and illness that results from a smartphone, iPad, and iTouch driving users to distraction and offers solutions.

*Strengthening Forensic Science in the United States* - National Research Council 2009-07-29

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

**Never Let Me Go** - Sachin Garg 2012

**Nothing but the Truth** - John Kani 2002-01-01

An award-winning play about the relationship between brothers. *Nothing but the Truth* is the story of two brothers, of sibling rivalry, of exile, of memory and reconciliation, and the ambiguities of freedom. The play was John Kani's debut as sole playwright and was first performed in the Market Theatre in Johannesburg. It won the 2003 Fleur du Cap Award for best actor and best new South African play. In the same year Kani was also awarded a special Obie award for his extraordinary contribution to theatre in the USA.

*Parenting Matters* - National Academies of Sciences, Engineering, and Medicine 2016-11-21

Decades of research have demonstrated that the parent-child dyad and the environment of the family—which includes all primary caregivers—are at the foundation of children's well-being and healthy development. From birth, children are learning and rely on parents and the other caregivers in their lives to protect and care for them. The impact of parents may never be greater than during the earliest years of life, when a child's brain is rapidly developing and when nearly all of her or his experiences are created and shaped by parents and the family environment. Parents help children build and refine their knowledge and skills, charting a trajectory for their health and well-being during childhood and beyond. The experience of parenting also impacts parents

themselves. For instance, parenting can enrich and give focus to parents' lives; generate stress or calm; and create any number of emotions, including feelings of happiness, sadness, fulfillment, and anger. Parenting of young children today takes place in the context of significant ongoing developments. These include: a rapidly growing body of science on early childhood, increases in funding for programs and services for families, changing demographics of the U.S. population, and greater diversity of family structure. Additionally, parenting is increasingly being shaped by technology and increased access to information about parenting. *Parenting Matters* identifies parenting knowledge, attitudes, and practices associated with positive developmental outcomes in children ages 0-8; universal/preventive and targeted strategies used in a variety of settings that have been effective with parents of young children and that support the identified knowledge, attitudes, and practices; and barriers to and facilitators for parents' use of practices that lead to healthy child outcomes as well as their participation in effective programs and services. This report makes recommendations directed at an array of stakeholders, for promoting the wide-scale adoption of effective programs and services for parents and on areas that warrant further research to inform policy and practice. It is meant to serve as a roadmap for the future of parenting policy, research, and practice in the United States.

*Distance Education for Teacher Training* - Hilary Perraton 2002-03-11  
First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

**The Reproductive Body at Work** - Verena Namberger 2019-04-11

The transnational industry surrounding assisted reproductive technology and regenerative medicine is based on the unacknowledged labour of gamete providers, surrogates and research subjects, and benefits from low labour costs in 'enabling' sectors such as logistics and transport. This finding calls for a comprehensive analysis of how the contemporary intersection of neoliberal capitalism and the life sciences - in short, the bioeconomy - capitalises on the body and its (re)productive capacities. *The Reproductive Body at Work* uptakes this challenge as it explores the relations between value production, labour and the body in one particular realm of the global bioeconomy: the South African bioeconomy of 'egg donation'. It highlights different forms and dimensions of unacknowledged or precarious human labour that are constitutive for the procurement, brokering and circulation of oocytes as valuable resources. The analysis illustrates that the respective organisation of value and labour renegotiate what 'the' (re)productive body can do, which status and roles it is ascribed, which cultural and economic values it signifies and how it is experienced and enacted within a matrix of intersectional power relations. A theoretically profound contribution to the interdisciplinary debate on 'New materialism', *The Reproductive Body at Work* will appeal to students and researchers interested in fields such as gender studies, medical anthropology, cultural studies, sociology, political economy and science and technology studies.

*Interpreting Religion* - Johnston, Erin 2022-05-31

This edited collection harnesses a diversity of interpretivist perspectives to provide a panoramic view of the production, experiences, contexts, and meanings of religion. Scholars from the US, South Asia and Europe explore religious phenomena using ethnographic, comparative historical, psychosocial, and critical theoretical approaches. Each chapter addresses foundational themes in the study of religion - from identity, discourse and power to ritual, emotion, and embodiment. Authors examine dynamic intersections of race, gender, history, and the present within the religious traditions of Christianity, Islam, Judaism and Buddhism, as well as among the non-religious. Cutting boldly across religious traditions and paradigms, the book investigates areas of harmony and contradiction across different interpretive lenses to achieve a richer understanding of the meanings of religion.

*Learning and Understanding* - National Research Council 2002-08-06

This book takes a fresh look at programs for advanced studies for high school students in the United States, with a particular focus on the Advanced Placement and the International Baccalaureate programs, and asks how advanced studies can be significantly improved in general. It also examines two of the core issues surrounding these programs: they can have a profound impact on other components of the education system and participation in the programs has become key to admission at selective institutions of higher education. By looking at what could enhance the quality of high school advanced study programs as well as what precedes and comes after these programs, this report provides teachers, parents, curriculum developers, administrators, college science and mathematics faculty, and the educational research community with a

detailed assessment that can be used to guide change within advanced study programs.

**The Oxford Handbook of Thinking and Reasoning** - Keith J. Holyoak 2013-05-23

The Oxford Handbook of Thinking and Reasoning brings together the contributions of many of the leading researchers in thinking and reasoning to create the most comprehensive overview of research on thinking and reasoning that has ever been available.

How People Learn - National Research Council 2000-08-11

First released in the Spring of 1999, How People Learn has been expanded to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do-with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. How People Learn examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

*Phantoms in the Brain* - V. S. Ramachandran 1999-08-18

Neuroscientist V.S. Ramachandran is internationally renowned for uncovering answers to the deep and quirky questions of human nature that few scientists have dared to address. His bold insights about the brain are matched only by the stunning simplicity of his experiments -- using such low-tech tools as cotton swabs, glasses of water and dime-store mirrors. In *Phantoms in the Brain*, Dr. Ramachandran recounts how his work with patients who have bizarre neurological disorders has shed new light on the deep architecture of the brain, and what these findings tell us about who we are, how we construct our body image, why we laugh or become depressed, why we may believe in God, how we make decisions, deceive ourselves and dream, perhaps even why we're so clever at philosophy, music and art. Some of his most notable cases: A woman paralyzed on the left side of her body who believes she is lifting a tray of drinks with both hands offers a unique opportunity to test Freud's theory of denial. A man who insists he is talking with God challenges us to ask: Could we be "wired" for religious experience? A woman who hallucinates cartoon characters illustrates how, in a sense, we are all hallucinating, all the time. Dr. Ramachandran's inspired medical detective work pushes the boundaries of medicine's last great frontier -- the human mind -- yielding new and provocative insights into the "big questions" about consciousness and the self.

**A Grain of Wheat** - Ngugi wa Thiong'o 1986

In this ambitious and densely worked novel, we begin to see early signs of Ngugi's increasing bitterness about the ways in which the politicians are the true benefactors of the rewards of independence.

The Love Hypothesis - Ali Hazelwood 2021-09-14

The Instant New York Times Bestseller and TikTok Sensation! As seen on THE VIEW! A BuzzFeed Best Summer Read of 2021 When a fake relationship between scientists meets the irresistible force of attraction, it throws one woman's carefully calculated theories on love into chaos. As a third-year Ph.D. candidate, Olive Smith doesn't believe in lasting romantic relationships--but her best friend does, and that's what got her into this situation. Convincing Anh that Olive is dating and well on her way to a happily ever after was always going to take more than hand-wavy Jedi mind tricks: Scientists require proof. So, like any self-respecting biologist, Olive panics and kisses the first man she sees. That man is none other than Adam Carlsen, a young hotshot professor--and well-known ass. Which is why Olive is positively floored when Stanford's

reigning lab tyrant agrees to keep her charade a secret and be her fake boyfriend. But when a big science conference goes haywire, putting Olive's career on the Bunsen burner, Adam surprises her again with his unyielding support and even more unyielding...six-pack abs. Suddenly their little experiment feels dangerously close to combustion. And Olive discovers that the only thing more complicated than a hypothesis on love is putting her own heart under the microscope.

**Economic and Management Sciences, Grade 8** - Marietjie Barnard 2013-07-11

Study & master economic and management sciences grade 8 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in economic and management sciences.

Campaigning for Hearts and Minds - Ted Brader 2020-07-08

It is common knowledge that televised political ads are meant to appeal to voters' emotions, yet little is known about how or if these tactics actually work. Ted Brader's innovative book is the first scientific study to examine the effects that these emotional appeals in political advertising have on voter decision-making. At the heart of this book are ingenious experiments, conducted by Brader during an election, with truly eye-opening results that upset conventional wisdom. They show, for example, that simply changing the music or imagery of ads while retaining the same text provokes completely different responses. He reveals that politically informed citizens are more easily manipulated by emotional appeals than less-involved citizens and that positive "enthusiasm ads" are in fact more polarizing than negative "fear ads." Black-and-white video images are ten times more likely to signal an appeal to fear or anger than one of enthusiasm or pride, and the emotional appeal triumphs over the logical appeal in nearly three-quarters of all political ads. Brader backs up these surprising findings with an unprecedented survey of emotional appeals in contemporary political campaigns. Politicians do set out to campaign for the hearts and minds of voters, and, for better or for worse, it is primarily through hearts that minds are won. *Campaigning for Hearts and Minds* will be indispensable for anyone wishing to understand how American politics is influenced by advertising today.

**Economic and Management Sciences, Grade 9** - Marietjie Barbard 2015-05-29

Learned Optimism - Martin E.P. Seligman 2011-08-10

National Bestseller The father of the new science of positive psychology and author of *Authentic Happiness* draws on more than twenty years of clinical research to demonstrate how optimism enhances the quality of life, and how anyone can learn to practice it. Offering many simple techniques, Dr. Seligman explains how to break an "I-give-up" habit, develop a more constructive explanatory style for interpreting your behavior, and experience the benefits of a more positive interior dialogue. These skills can help break up depression, boost your immune system, better develop your potential, and make you happier.. With generous additional advice on how to encourage optimistic behavior at school, at work and in children, *Learned Optimism* is both profound and practical--and valuable for every phase of life. "Vaulted me out of my funk.... So, fellow moderate pessimists, go buy this book." --Marian Sandmaier, *The New York Times Book Review*

*Making Learning-Centered Teaching Work* - Phyllis Blumberg 2019-10-14

This book is an easy-to-follow, how-to guide for faculty to achieve learning-centered teaching, and also provides readers with increased knowledge about this evidence-based approach to teaching. It will provide specific guidance on how to begin, and how to use the change process gradually to improve teaching. After reading this book, faculty will be able to apply learning-centered teaching in their courses without sacrificing content and rigor. Faculty will be able to explain to students why they are using this approach and how it will foster deep and long-lasting student learning. This is a reworking of the author's 2009 Jossey-Bass book, called *Developing Learner-Centered Teaching: A Practical Guide for Faculty*. This new version is revised and expanded in ways that will make it even more useful to faculty than the original. The author is active in the POD Network, and frequently presents at Lilly Bethesda.

**Beyond the Skills Gap** - Matthew T. Hora 2019-01-02

How can educators ensure that young people who attain a postsecondary credential are adequately prepared for the future? Matthew T. Hora and his colleagues explain that the answer is not simply that students need more specialized technical training to meet narrowly defined employment opportunities. *Beyond the Skills Gap* challenges this conception of the "skills gap," highlighting instead the value of broader

twenty-first-century skills in postsecondary education. They advocate for a system in which employers share responsibility along with the education sector to serve the collective needs of the economy, society, and students. Drawing on interviews with educators in two- and four-year institutions and employers in the manufacturing and biotechnology sectors, the authors demonstrate the critical importance of habits of mind such as problem solving, teamwork, and communication. They go on to show how faculty and program administrators can create active learning experiences that develop students' skills across a range of domains. The book includes in-depth descriptions of eight educators whose classrooms exemplify the effort to blend technical learning with the cultivation of twenty-first-century habits of mind. The study, set in Wisconsin, takes place against the backdrop of heated political debates over the role of public higher education. This thoughtful and nuanced account, enriched by keen observations of postsecondary instructional practice, promises to contribute new insights to the rich literature on workforce development and to provide valuable guidance for postsecondary faculty and administrators.

**Self-directed learning research and its impact on educational**

**practice** - Elsa Mentz 2021-05-17

This scholarly book is the third volume in an NWU book series on self-directed learning and is devoted to self-directed learning research and its impact on educational practice. The importance of self-directed learning for learners in the 21st century to equip themselves with the necessary skills to take responsibility for their own learning for life cannot be over emphasised. The target audience does not only consist of scholars in the field of self-directed learning in Higher Education and the Schooling sector but includes all scholars in the field of teaching and learning in all education and training sectors. The book contributes to the discourse on creating dispositions towards self-directed learning among all learners and adds to the latest body of scholarship in terms of self-directed learning. Although from different perspectives, all chapters in the book are closely linked together around self-directed learning as a central theme, following on the work done in Volume 1 of this series (Self-Directed Learning for the 21st Century: Implications for Higher Education) to form a rich knowledge bank of work on self-directed learning.