



# **basic education**

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## **SENIOR CERTIFICATE EXAMINATIONS NATIONAL SENIOR CERTIFICATE EXAMINATIONS**

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# National Senior Grade 1 math Paper 2014

**Jill Adler, Anna Sfard**



## **Natinal Senior Grade1math Paper2014:**

**The Mathematics Education for the Future Project - Proceedings of the 14th International Conference** Alan Rogerson, Janina Morska, 2017-07-01 This volume contains the papers presented at the International Conference on Challenges in Mathematics Education for the Next Decade held from September 10-15 2017 in Balatonfured Hungary The Conference was organized by The Mathematics Education for the Future Project an international educational project founded in 1986

**Research for Educational Change** Jill Adler, Anna Sfard, 2016-06-17 Research for Educational Change presents ways in which educational research can fulfil its commitments to educational practice Focussing its discussion within the context of mathematics education it argues that while research generated insights can have beneficial effects on learning and teaching the question of how these effects are to be generated and sustained is far from evident The question of how to turn research into educational improvement is discussed here in the context of learning and teaching hindered by poverty and social injustice In the first part of the book four teams of researchers use different methodologies while analysing the same corpus of data collected in a South African mathematics classroom In the second part each of these teams makes a specific proposal about what can be done and how so that its research generated insights have a tangible beneficial impact on what is happening in mathematical classrooms Combining two discourses that of researchers speaking to one another and that of researchers communicating their insights to those responsible for educational practice the book deals with the perennial question of communication between those who study educational processes and those who are directly responsible for teacher education educational research and classroom practices This book will be key reading for postgraduates researchers and academics in education and particularly in the areas of mathematics education education research teacher education and classroom practice It will also appeal to teacher educators practitioners and undergraduate students interested in educational research

**Algorithmic Regulation** Karen Yeung, Martin Lodge, 2019-09-12 As the power and sophistication of big data and predictive analytics has continued to expand so too has policy and public concern about the use of algorithms in contemporary life This is hardly surprising given our increasing reliance on algorithms in daily life touching policy sectors from healthcare transport finance consumer retail manufacturing education and employment through to public service provision and the operation of the criminal justice system This has prompted concerns about the need and importance of holding algorithmic power to account yet it is far from clear that existing legal and other oversight mechanisms are up to the task This collection of essays edited by two leading regulatory governance scholars offers a critical exploration of algorithmic regulation understood both as a means for coordinating and regulating social action and decision making as well as the need for institutional mechanisms through which the power of algorithms and algorithmic systems might themselves be regulated It offers a unique perspective that is likely to become a significant reference point for the ever growing debates about the power of algorithms in daily life in the worlds of research policy and practice The range of

contributors are drawn from a broad range of disciplinary perspectives including law public administration applied philosophy data science and artificial intelligence Taken together they highlight the rise of algorithmic power the potential benefits and risks associated with this power the way in which Sheila Jasanoff's long standing claim that technology is politics has been thrown into sharp relief by the speed and scale at which algorithmic systems are proliferating and the urgent need for wider public debate and engagement of their underlying values and value trade offs the way in which they affect individual and collective decision making and action and effective and legitimate mechanisms by and through which algorithmic power is held to account

**Resources in Education**, 1998      **Insight Into a Bright Mind** Nicole Tetreault, Ph.D., 2021-03-30 Are you bright Do you know someone who is Among the bright population many social emotional and intellectual abilities are unrecognized Bright people are misunderstood and mislabeled as awkward geeks mad scientists maladjusted poets oversensitive artists hyperactive clowns or antisocial misfits Do you want to understand the science behind why intelligent sensitive and highly creative brains are simply different In *Insight into a Bright Mind* Dr Nicole Tetreault translates recent groundbreaking research examining the minds of the most highly intelligent creative and intense brains and explores new directions for the neurodiverse experiences of humans You will learn how your brain is as unique as your fingerprint and how your experience is elevated because you are simply hard wired differently *Insight into a Bright Mind* is intensely argued in favor of neuroindividuality superbly researched with the latest scientific data and deeply invested in engaging with a myriad of bright minds capturing their essence through storytelling and voice Be liberated to embrace your essence with greater self compassion and awareness and unlock your unconventional mind

*Executive Function and Education* Mariëtte Huizinga, Dieter Baeyens, Jacob A. Burack, 2018-09-21 Executive function is an umbrella term for various cognitive processes that are central to goal directed behavior thoughts and emotions These processes are especially important in novel or demanding situations which require a rapid and flexible adjustment of behavior to the changing demands of the environment The development of executive function relies on the maturation of associated brain regions as well as on stimulation in the child's social contexts especially the home and school Over the past decade the term executive function has become a buzzword in the field of education as both researchers and educators underscore the importance of skills like goal setting planning and organizing in academic success Accordingly in initiating this Research Topic and eBook our goal was to provide a forum for state of the art theoretical and empirical work on this that both facilitates communication among researchers from diverse fields and provides a theoretically sound source of information for educators The contributors to this volume who hail from several different countries in Europe and North America have certainly accomplished this goal in their nuanced and cutting edge depictions of the complex links among various executive function components and educational success

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