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**GRAAD 11**

**NOVEMBER 2014**

**AFRIKAANS EERSTE ADDISIONELE TAAL V1**

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**American Book Company**



## **Graad 1wiskunde November 2014:**

*Het practicum wiskunde: coöperatief aanleren van vaardigheden en attitudes* Koen De Naeghel, 2013-03-13 Het volgen van een leerplan betekent meer dan het realiseren van de inhoudelijke doelstellingen De leerlingen horen ook wiskundige vaardigheden te verwerven en leer attitudes ontwikkelen Daarnaast dringt de overdracht van competenties zich ook vanuit de maatschappij op probleemoplossend denken kritische zin onderscheid maken tussen hoofd en bijzaken samenwerken In dit boek bieden we het practicum wiskunde aan een werkvorm voor wiskundeonderwijs in de derde graad met als doel het vaststellen aanleren stimuleren evalueren en opvolgen van vaardigheden en attitudes bij leerlingen De didactische methode co peratief leren staat hierbij centraal bij het uitvoeren van de practica leren de leerlingen van de interactie met elkaar Enkele onderwerpen die aan bod komen zijn probleemoplossend denken leren uit opgeloste problemen werken met een wiskundig model realiseren van onderzoekscompetenties maken van een wetenschappelijk verslag en geven van een wetenschappelijke presentatie

*Diverse educational contexts and research on metacognition and motivation to enhance self-directed learning* Bernadette Geduld, Byron J. Bunt, Divan Jagals, 2025-02-17 This scholarly book explores the latest education research on metacognition and self directed learning providing practical insights for educators and students As the thirteenth volume in the NWU Self Directed Learning Series it focuses on developing metacognitive skills to enhance self regulation motivation and independent thinking key competencies for success in the 21st century Metacognition plays a vital role in learning helping students plan evaluate and self assess their progress Research shows that students with strong metacognitive strategies achieve better learning outcomes apply knowledge effectively and persist through academic challenges This book offers evidence based teaching strategies to support the development of self regulated learning and motivation in diverse educational settings It examines teaching behaviour and instructional methods that foster metacognitive growth in both basic and higher education With a particular focus on the South African education landscape it extends research in cognitive developmental and applied psychology Researchers and educators will find practical approaches for integrating metacognition into various disciplines making this book a valuable resource for both undergraduate and graduate education programmes

Rods, Sets and Arrows Dirk De Bock, Geert Vanpaemel, 2019-12-10 For anyone interested in the history and effects of the introduction of so called Modern Mathematics or Math matique Moderne or New Mathematics etc this book by Dirk De Bock and Geert Vanpaemel is essential reading The two authors are experienced and highly qualified Belgian scholars and the book looks carefully at events relating to school mathematics for the period from the end of World War II to 2010 Initially the book focuses on events which helped to define the modern mathematics revolution in Belgium before and during the 1960s The book does much more than that however for it traces the influence of these events on national and international debates during the early phases of the reform By providing readers with translations into English of relevant sections of key Continental documents outlining the major ideas of leading

Continental scholars who contributed to the Math matique Moderne movement this book makes available to a wide readership the theoretical social and political backdrops of Continental new mathematics reforms In particular the book focuses on the contributions made by Belgians such as Paul Libois Willy Servais Fr d rique Lenger and Georges Papy The influence of modern mathematics fell away rapidly in the 1970s however and the authors trace the rise and fall from that time into the 21st century of a number of other approaches to school mathematics in Belgium in other Western European nations and in North America In summary this is an outstanding landmark publication displaying the fruits of deep scholarship and careful research based on extensive analyses of primary sources Ohio New Learning Standards in Grade 1 Mathematics American Book Company,2014

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