



GAUTENG PROVINCE
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**GAUTENG DEPARTMENT OF EDUCATION
EXEMPLAR
2024**

**MATHEMATICAL LITERACY PAPER 2
NOVEMBER
QUESTION PAPER
GRADE 11**

TIME: 2 HOUR

MARKS: 100

NUMBER OF PAGES: 7

INSTRUCTIONS AND INFORMATION

1. This paper consists of FOUR questions. Answer ALL the questions.
2. Answer QUESTIONS 2; 3 and 5 on the attached ANNEXURES. Write your center number and examination number in the spaces provided on the ANNEXURES and hand in the ANNEXURES with your ANSWER BOOK.
3. Number the answers correctly according to the numbering system used in this question paper.
4. Start EACH question on a NEW page OR draw a line at the end of EACH question.
5. You may use an approved calculator (non-programmable and non-graphical), unless stated otherwise.
6. Show ALL the calculations clearly.
7. Round ALL the final answers accordingly, unless stated otherwise OR where the REAL LIFE context requires rounding UP or DOWN.
8. Indicate units of measurement, where applicable.
9. Write neatly and legibly.
10. Formulae which may be required to answer the question, will be supplied below the

Grade 11 Exemplar

Lauren Davis



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Maths Handbook & Study Guide Grade 12 Kevin Smith,2017-11-01 The Maths Handbook Study Guide is a comprehensive reference book and set of notes that covers everything in one book The book is written in a clear simple visual and logical manner The colour coding facilitates explanations definitions formulas recaps of previous work hints and ideas It is easy to read easy to understand and it is easy to apply what has been learnt It works in conjunction with all other Maths books It is a welcome addition to the Handbook and Study Guide series The Maths Handbook and Study Guide demystifies Maths and helps students to reach their potential in this challenging subject The sub title of the book is Maths Made Easy and this is what it aims to do Kevin ensures that his work is up to date at all times and that it is suitable for IEB and National Curriculum students There are exercises in the front of the book and solutions to problems at the back **Teaching**

Dilemmas and Solutions in Content-Area Literacy, Grades 6-12 Peter Smagorinsky,2014-08-19 Because literacy is not just the English teacher s job Think literacy is just for English teachers Not anymore Nor should it be when you consider that each discipline has its own unique values and means of expression These days it s up to all teachers to communicate what it means to be literate in their disciplines Here finally is a book ambitious enough to tackle the topic across all major subject areas Engage in this cross disciplinary conversation with seasoned teachers and university researchers and learn how to develop curriculum and instruction that are responsive to students needs across English language arts science social studies mathematics visual space and music and drama Peter Smagorinsky and his colleagues provide an insider s lens on both the states of their fields and their specific literacy demands including Reviews of current issues and state of the art research informing literacy education Scenario based activities for reflection and discussion typifying the dilemmas and challenges faced by practicing teachers Considerations of the textual forms and conventions required in each discipline Specific policy recommendations Read this book on your own for immediate suggestions on how to improve literacy instruction within your course of study Better yet share it with colleagues and participate in a larger conversation about how your literacy expectations influence the ways students read and produce texts in other disciplines Physical Science Mr. Rohit Manglik,2024-07-15 EduGorilla Publication is a trusted name in the education sector committed to empowering learners with high quality study materials and resources Specializing in competitive exams and academic support EduGorilla provides comprehensive and well structured content tailored to meet the needs of students across various streams and levels

Common Core English Language Arts in a PLC at Work®, Grades 9-12 Douglas Fisherr,Nancy Frey,2013-01-09 Explore strategies for integrating the Common Core State Standards for English language arts for grades 9 12 in this resource which focuses on areas of instruction curriculum assessment and intervention You ll also learn how to implement the CCSS within the powerful PLC at Work™ process Critical chapter opening questions guide discussion and help you leverage the CCSS to optimize student learning The NAEP ... Technical Report ,1999 Maths Handbook & Study Guide

Grade 12: Teacher's Guide and Answer Book Kevin Smith, 2014-01-01 Guidelines for teachers and worked through solutions to all the exercises in the Grade 12 Textbook Guidelines for teachers and worked through solutions to all the exercises in the Grade 12 Textbook

Common Core Literacy Lesson Plans Lauren Davis, 2014-05-22 Schools nationwide are transitioning to the Common Core our advice to you Be prepared but don't go it alone Our new book *Common Core Literacy Lesson Plans Ready to Use Resources 9-12* shows you that teaching the Common Core State Standards in high school doesn't have to be intimidating This easy to use guide meets the particular needs of high school teachers It provides model lesson plans for teaching the standards in reading writing speaking listening and language Get engaging lesson plans that are grade appropriate for teens easy to implement and include ready to use reproducible handouts assessments resources and ideas to help you modify the lesson for both struggling and advanced learners Our *Common Core Literacy Lesson Plans* are equally effective for both English and content area teachers the plans are designed to fit seamlessly into your high school curriculum You get practical tips for revamping your existing lessons to meet the standards High school students learn how to answer text based questions read informational texts conduct research write arguments and improve their speaking and listening skills We take the guesswork out of Common Core lesson plans with this practical easy to use guide All lesson plans are grade appropriate but every lesson plan includes Common Core State Standards covered in the lesson Overview of objectives and focus of the lesson Background knowledge required and time required A detailed step by step agenda for the lesson plus a materials list Differentiation ideas to adapt the lesson for different kinds of learners Assessment ideas including rubrics and scoring guides A place for your notes what worked what can improve Bonus We show you how to extend the lessons into longer units to suit your particular grade's curriculum and even help you create more of your own lessons

Listening to Learn Sharon Grover, Lizette D. Hannegan, 2012 Audiobooks not only present excellent opportunities to engage the attention of young people but also advance literacy Learn how the format can support national learning standards and literacy skills in the K-12 curricula

Technical Report of the NAEP 1996 State Assessment Program in Mathematics Nancy L. Allen, 1997 The purpose of this report is to provide technical information about the 1996 State Assessment in Mathematics It provides a description of the design for the State Assessment and gives an overview of the steps involved in the implementation of the program from the planning stages through to the analysis and reporting of the data The report describes in detail the development of the cognitive and background questions the field procedures the creation of the database and data products for analysis and the methods and procedures used for sampling analysis and reporting It does not provide the results of the assessment rather it provides information on how those results were derived Chapters include 1 Overview The Design Implementation and Analysis of the 1996 State Assessment Program in Mathematics 2 Developing the Mathematics Objectives Cognitive Items Background Questions and Assessment Instruments 3 Sample Design and Selection 4 State and School Cooperation and Field Administration 5 Processing and Scoring Assessment Materials 6 Creation of the

Database Quality Control of Data Entry and Creation of the Database Products 7 Weighting Procedures and Variance Estimation 8 Theoretical Background and Philosophy of National Assessment Educational Progress NAEP Scaling Procedures 9 Data Analysis and Scaling for the 1996 State Assessment Program in Mathematics and 10 Conventions Used in Reporting the Results of the 1996 State Assessment Program in Mathematics Appendices include Participants in the Objectives and Item Development Process Summary of Participation Rates Conditioning Variables and Contrast Codings IRT Item Response Theory Parameters for Mathematics Items State Assessment Program Reporting Subgroups Composite and Derived Common Background Variables and Composite and Derived Reporting Variables Setting the NAEP Achievement Levels for the 1996 State Assessment in Mathematics Correction of the NAEP Program Documentation Error in the 1992 State Mathematics Results The Information Weighting Error and Sample Design and Selection Tables Contains 78 references ASK

Integrating Young Adult Literature through the Common Core Standards Rachel L. Wadham, Jon W.

Ostenson, 2013-01-07 This book advocates for a stronger role for young adult literature in ELA classrooms compellingly documenting how this body of work meets both the needs of adolescent students and the demands of the common core for complex texts and tasks Integrating Young Adult Literature through the Common Core Standards provides a compelling template for teachers that uses young adult literature and inquiry learning to meet students needs and the demands of the common core standards The first part of the book addresses the widely adopted common core state standards by examining closely the standards model of text complexity and demonstrating how young adult literature can fill the requirements of this model The second part provides theoretical discussions and analysis of the standards as well as concrete applications of young adult literature within the classroom in order to give school professionals a comprehensive understanding of how young adult literature and the standards can work together The book empowers schools and teachers to make intelligent informed decisions about texts and instructional practices that benefit their students Finally the authors explore a powerful teaching approach that integrates current understandings about learning young adult literature and the common core standards in a way that will facilitate greater learning and understanding in English classrooms [A Close Look at Close](#)

[Reading](#) Barbara Moss, Diane Lapp, Maria Grant, Kelly Johnson, 2015-05-21 The Common Core State Standards have put close reading in the spotlight as never before While middle and high school teachers want and need students to connect with analyze and learn from both literary and informational texts many are unsure how to foster the skills students must have in order to develop deep and nuanced understanding of complicated content Is there a process to follow How is close reading different from shared reading and other common literacy practices How do you prepare students to have their ability to analyze complex texts measured by high stakes assessments And how do you fit close reading instruction and experiences into an already crowded curriculum Literacy experts Barbara Moss Diane Lapp Maria Grant and Kelly Johnson answer these questions and more as they explain how to teach middle and high school students to be close readers how to make close

reading a habit of practice across the content areas and why doing so will build content knowledge Informed by the authors extensive field experience and enriched by dozens of real life scenarios and downloadable tools and templates this book explores Text complexity and how to determine if a particular text is right for your learning purposes and your students The process and purpose of close reading with an emphasis on its role in developing the 21st century thinking speaking and writing skills essential for academic communication and college and career readiness How to plan teach and manage close reading sessions across the academic disciplines including the kinds of questions to ask texts to use and supports to provide How to assess close reading and help all students regardless of linguistic cultural or academic background connect deeply with what they read and derive meaning from complex texts Equipping students with the tools and process of close reading sets them on the road to becoming analytical and critical thinkers and empowered and independent learners In this comprehensive resource you ll find everything you need to start their journey

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The Path to Get There Douglas Fisher,Nancy Frey,Cristina Alfaro,2015-04-24 The Common Core State Standards represents a call for all teachers to focus on the literacy learning of their students Together these skillsreading writing speaking listening and viewingcomprise the literacies that students must develop if they are to master content and be successful in college or the workplace This book will assist content area teachers in understanding the Common Core State Standards that apply to their various courses Standards in history social studies science and technical subjects are explained in detail including examples of lessons designed to ensure that students master each standard

10 in One Study Package for CBSE Mathematics Class 12 with Objective Questions & 3 Sample Papers 4th Edition Disha Experts,2020-06-20 Common Core Jocelyn A. Chadwick,2015-02-27 Common Core Paradigmatic Shifts is a timely and protean educator resource and reference designed to be of immediate use in the classroom and in Professional Learning Communities In addition this book also provides a looking glass allowing educators to peer briefly back in history to

ascertain the origin of standards as they came to be in the United States educational system and as they earnestly impacted English language arts Common Core Paradigmatic Shifts identifies and provides curricular approaches speaking to teachers concerns regarding content preparedness In addition this book includes teacher narratives from around the country describing their approaches and strategies with the Common Core initiative and its impact on their students as well as those who do not use the Core Essentially Common Core Paradigmatic Shifts will spark further proactive engaged and reconstructive conversation among teachers regarding both students and themselves Ignited by the advent of the Core their conversation today is about just how do they use standards to create vibrant engaged immersive and relevant instruction that lives beyond the traditional walls of the classroom Common Core Paradigmatic Shifts will prove to be a go to resource that provides useful information and instructional approaches beyond Common Core Canadian Council of Teachers of English [and] Language Arts ,2002 **Inquiry: The Key to Exemplary Science** Robert Yager,2009-06-17 *Annual Report* South Africa. Department of Basic Education,2016 10 in One Study Package for CBSE Science Class 9 with 3 Sample Papers Disha Experts, 10 in ONE CBSE Study Package Science set of 3 books PCB class 9 with 3 Sample Papers has 10 key ingredients that will help you achieve success 1 Chapter Utility Score CUS 2 Exhaustive Theory with Concept Maps 3 Text Book exercises 4 VSA SA LA Questions 5 Past year questions including 2017 18 Solved papers 6 HOTS Value based Exemplar 7 Past NTSE Exemplar MCQ s 8 15 Chapter Tests with Solutions 9 Important Formulas Terms Definitions 10 3 Sample Papers with detailed solutions **Organizing Library Collections** Gretchen L. Hoffman,2019-08-05 Libraries organize their collections to help library users find what they need Organizing library collections may seem like a straightforward and streamlined process but it can be quite complex and there is a large body of theory and practice that shape and support this work Learning about the organization of library collections can be challenging Libraries have a long history of organizing their collections there are many principles models standards and tools used to organize collections and theory and practice are changing constantly Written for beginning library science students Organizing Library Collections Theory and Practice introduces the theory and practice of organizing library collections in a clear straightforward and understandable way It explains why and how libraries organize their collections and how theory and practice work together to help library users It introduces basic cataloging and metadata theory describes and evaluates the major cataloging and metadata standards and tools used to organize library collections and explains in general how all libraries organize their collections in practice Yet this book not only introduces theory and practice in general it introduces students to a wide range of topics involved in organizing library collections This book explores how academic public school and special libraries typically organize their collections and why It also discusses standardization and explains how cataloging and metadata standards and policies are developed Ethical issues also are explored and ethical decision making is addressed In addition several discussion questions and class activities reinforce concepts introduced in each chapter Students should walk away from this book understanding

why and how libraries organize their collections

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