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## PHYSICAL SCIENCES PAPER 2 (CHEMISTRY)

GRADE 12

### TERMS & DEFINITIONS, QUESTIONS & ANSWERS PER TOPIC

2021



### TABLE OF CONTENTS

HOW TO USE THIS DOCUMENT .....	2
TERMS AND DEFINITIONS .....	3
QUESTIONS .....	9
ORGANIC MOLECULES: NOMENCLATURE .....	9
ORGANIC MOLECULES: PHYSICAL PROPERTIES .....	17
ORGANIC MOLECULES: ORGANIC REACTIONS .....	24
REACTION RATE AND ENERGY IN CHEMICAL REACTIONS .....	31
CHEMICAL EQUILIBRIUM .....	42
ACIDS AND BASES .....	49
GALVANIC CELLS .....	56
ELECTROLYTIC CELLS .....	63
ANSWERS TO QUESTIONS .....	68
ORGANIC MOLECULES: NOMENCLATURE .....	68
ORGANIC MOLECULES: PHYSICAL PROPERTIES .....	74
ORGANIC MOLECULES: ORGANIC REACTIONS .....	80
REACTION RATE AND ENERGY IN CHEMICAL REACTIONS .....	86
CHEMICAL EQUILIBRIUM .....	96
ACIDS AND BASES .....	107
GALVANIC CELLS .....	114
ELECTROLYTIC CELLS .....	117
BIBLIOGRAPHY .....	119



# Physical Science Grade 12 Exemplar 2014

**Donna Cross, Leanne Lester**



## **Physical Science Grade 12 Exemplar 2014:**

**Challenges and Opportunities for Transforming From STEM to STEAM Education** Thomas, Kelli, Huffman, Douglas, 2020-01-10 The addition of the arts to STEM education now known as STEAM adds a new dimension to problem solving within those fields offering students tools such as imagination and resourcefulness to incorporate into their designs However the shift from STEM to STEAM has changed what it means for students to learn within and across these disciplines Redesigning curricula to include the arts is the next step in preparing students throughout all levels of education Challenges and Opportunities for Transforming From STEM to STEAM Education is a pivotal reference source that examines the challenges and opportunities presented in redesigning STEM education to include creativity innovation and design from the arts including new approaches to STEAM and their practical applications in the classroom While highlighting topics including curriculum design teacher preparation and PreK 20 education this book is ideally designed for teachers curriculum developers instructional designers deans museum educators policymakers administrators researchers academicians and students *Leading improvement in school community wellbeing* Donna Cross, Leanne Lester, 2023-12-01 More than ever before the wellbeing of students staff and the school community must be a priority for principals and school leaders Leading Improvement in School Community Wellbeing provides a framework for a set of high impact strategies that individually and together can be the focus of improving wellbeing across the school The book provides school leaders with key research based school improvement practices authentic case studies in the form of principals reflections and crucially practical explanations outlining how to choose a particular practice and how to successfully embed or implement that strategy within the school Asking What's happening What's working and What's next the three parts of the book provide tools to assess the school community's wellbeing strengths and needs to determine actions required to improve student and staff wellbeing and to effectively implement wellbeing strategies across the school for the benefit of the entire school community **Physical Science**, **Glencoe Physical Science** Charles W. McLaughlin, 2012

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### **Table of Contents Physical Science Grade 12 Exemplar 2014**

1. Understanding the eBook Physical Science Grade 12 Exemplar 2014
  - The Rise of Digital Reading Physical Science Grade 12 Exemplar 2014
  - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science Grade 12 Exemplar 2014
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Physical Science Grade 12 Exemplar 2014
  - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science Grade 12 Exemplar 2014
  - Personalized Recommendations
  - Physical Science Grade 12 Exemplar 2014 User Reviews and Ratings
  - Physical Science Grade 12 Exemplar 2014 and Bestseller Lists

5. Accessing Physical Science Grade 12 Exemplar 2014 Free and Paid eBooks
  - Physical Science Grade 12 Exemplar 2014 Public Domain eBooks
  - Physical Science Grade 12 Exemplar 2014 eBook Subscription Services
  - Physical Science Grade 12 Exemplar 2014 Budget-Friendly Options
6. Navigating Physical Science Grade 12 Exemplar 2014 eBook Formats
  - ePub, PDF, MOBI, and More
  - Physical Science Grade 12 Exemplar 2014 Compatibility with Devices
  - Physical Science Grade 12 Exemplar 2014 Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Physical Science Grade 12 Exemplar 2014
  - Highlighting and Note-Taking Physical Science Grade 12 Exemplar 2014
  - Interactive Elements Physical Science Grade 12 Exemplar 2014
8. Staying Engaged with Physical Science Grade 12 Exemplar 2014
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Physical Science Grade 12 Exemplar 2014
9. Balancing eBooks and Physical Books Physical Science Grade 12 Exemplar 2014
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Physical Science Grade 12 Exemplar 2014
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Physical Science Grade 12 Exemplar 2014
  - Setting Reading Goals Physical Science Grade 12 Exemplar 2014
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Physical Science Grade 12 Exemplar 2014
  - Fact-Checking eBook Content of Physical Science Grade 12 Exemplar 2014
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

#### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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