

PROPOSED PHYSICAL SCIENCES CAPS GRADE 12 PACE-SETTER - 2015

WEEK 1 21-23 JAN	WEEK 2 24-30 JAN	WEEK 3 01-06 FEB	WEEK 4 09-11 FEB	WEEK 5 14-20 FEB	WEEK 6 21-27 FEB	WEEK 7 02-08 MAR	WEEK 8 09-15 MAR	WEEK 9 16-20 MAR	WEEK 10 21-27 MAR	WEEK 11 30 MAR-01 APR	TERM 1
Safe working for practical investigations (20%)	Significant molecules Relevant groups valence and structural formulas (20%)	LCPE: Naming and formulas (20%) Relevant physical properties (20%)	Applications of equilibrium Calculations acid-base and solubility (20%)	Reaction & relevant thermodynamic applications for organic chemistry (20%) EXPERIMENT 1 (10%)	So far Molecules Relevant reactions represented in terms of thermodynamics (20%)	Conservation of mass/matter and atoms and molecules (20%)	Relevant properties matter (20%) Represented in words, diagrams, equations and graphs (20%) EXPERIMENT 1a (10%)	Relevant properties matter (20%) Represented in words, diagrams, equations and graphs (20%)	Relevant matter with sound and electromagnetic waves (20%)	Revision	
		Informal, Test 1 (20%)	Informal, PRACTICE (CHEMISTRY)	Informal, Test 1 (20%)	Informal, PRACTICE (PHYSICS)		Informal, Test 1 (20%)	Informal, PRACTICE (PHYSICS)	Informal, Test 1 (20%)	CONTROL TEST (10%)	
WEEK 12 14-17 APR	WEEK 13 20-24 APR	WEEK 14 25-30 APR	WEEK 15 04-08 MAY	WEEK 16 11-15 MAY	WEEK 17 18-22 MAY	WEEK 18 23-29 MAY	WEEK 19 30-05 JUN	WEEK 20 06-12 JUN	WEEK 21 17-19 JUN	WEEK 22 24-26 JUN	TERM 2
Notes of reaction Factors affecting (20%) Measuring rates of reaction (20%) Mechanism of reaction and its representation (20%)	Chemical equilibrium and factors affecting equilibrium (20%) Equilibrium constant (20%)	Equilibrium constant (20%) Application of equilibrium principles (20%)	Self-test material (20%)	Self-test material (20%)	Definition of Work (20%) EXPERIMENT 2b (10%)	Work Energy Principle (20%) Conservation of energy with non- conservative forces except (20%)	Power (20%)	MID-YEAR EXAM	MID-YEAR EXAM	MID-YEAR EXAM	
	Informal, PRACTICE (CHEMISTRY)	Informal, TEST 1 (20%)			Informal, Test 1 (20%)	Informal, PRACTICE (PHYSICS)	Informal, Test 1 (20%)	JUNE EXAMINATION (10%)			
TERM 3											
WEEK 23 29-31 JUL	WEEK 24 01-05 AUG	WEEK 25 06-07 AUG	WEEK 26 08-14 AUG	WEEK 27 17-21 AUG	WEEK 28 24-28 AUG	WEEK 29 31-04 SEPT	WEEK 30 07-11 SEPT	WEEK 31 14-18 SEPT	WEEK 32 21-25 SEPT	WEEK 33 28 SEPT-02 OCT	TERM 3
GRADE 11 ELECTRICITY & MAGNETISM REVISION	Internal resistance and series and parallel circuits (20%)	EXPERIMENT 3 (10%) Electrical machines (generators, motors) (20%)	Measuring current (20%) Coulomb's constant (20%)	Electrostatic cell and galvanic cell (20%) Reaction of current and potential in cell and equilibrium understanding of the processes and make function in cells (20%)	Standard electrode potentials Writing of equations representing oxidation and reduction half reactions and full reactions (20%) The Daniell cell (20%)	Redox reactions (20%) Oxidation and reduction agents (20%)	PRE-EXAM REVISION	TRIAL EXAM	TRIAL EXAM	TRIAL EXAM	
Informal, PRACTICE (PHYSICS)	Informal, Test 1 (20%)		Informal, Test 1 (20%)	Informal, PRACTICE (CHEMISTRY)	Informal, Test 1 (20%)	Informal, Test 1 (20%)	Informal, Test 1 (20%)	SEPTEMBER EXAMINATION (10%)			
TERM 4									PUBLIC & SCHOOL HOLIDAYS AFFECTING CONTACT TIME		
WEEK 34 12-14 OCT	WEEK 35 15-21 OCT	WEEK 36 22-28 OCT	WEEK 37 02-08 NOV	WEEK 38 09-15 NOV	WEEK 39 16-22 NOV	WEEK 40 23-29 NOV	WEEK 41 30-05 DEC	WEEK 42 07-13 DEC	21 NOV - Human Rights Day 01 DEC - Day of the Dead 02 DEC - Family Day 03 DEC - Family Day 04 DEC - Family Day 05 DEC - Family Day 06 DEC - Family Day 07 DEC - Family Day 08 DEC - Family Day 09 DEC - Family Day 10 DEC - Family Day 11 DEC - Family Day 12 DEC - Family Day 13 DEC - Family Day 14 DEC - Family Day 15 DEC - Family Day 16 DEC - Family Day 17 DEC - Family Day 18 DEC - Family Day 19 DEC - Family Day 20 DEC - Family Day 21 DEC - Family Day 22 DEC - Family Day 23 DEC - Family Day 24 DEC - Family Day 25 DEC - Family Day 26 DEC - Family Day 27 DEC - Family Day 28 DEC - Family Day 29 DEC - Family Day 30 DEC - Family Day		
REVISION	REVISION	FINAL EXAMS	FINAL EXAMS	FINAL EXAMS	FINAL EXAMS	FINAL EXAMS	FINAL EXAMS	FINAL EXAMS			
PAPER 1 (20%)	PAPER 2 (20%)	NOVEMBER EXAMINATION									

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Equity and Excellence in Educational Testing and Assessment Michael T. Nettles, Arie L. Nettles, 1994-12-31 5 TABLE I
Average Reading Proficiency and Achievement Levels by Race/Ethnicity Grades 4, 8 and 12 1992 Reading Assessment
Percentage of Student At or Above Percentage of Average Proficient Basic Below Basic Advanced I Students Proficiency I
Grade 4 White 71 226 6 31 68 J2 69 16 193 0 Black 7 31 Hispanic 9 202 2 13 41 59 Asian Pacific Islander 2 216 2 21 55 45
American Indian 2 208 2 15 50 50 Grade 8 70 White 268 3 34 77 23 Black 16 238 0 8 44 56 Hispanic 10 242 I 13 49 51
Asian/Pacific Islander 3 270 6 38 77 23 American Indian 1 251 I 18 60 40 Grade 12 White 72 297 4 43 82 18 Black 15 272 0
16 54 46 9 277 Hispanic 1 21 61 39 Asian Pacific Islander 4 291 4 39 74 26 American Indian 0 272 I 24 S2 48 Source
National Assessment of Educational Progress NAEP 1992 Reading Assessment Reprinted from NAEP 1992 Reading Report
Card for the Nation and the States I be reading at the advanced level A much higher percent of White Americans are
performing at the proficient and advanced levels **Resources in Education**, 1998 **The Scottish Educational**

Journal, 1971 **Physical Science**, *Ulrich's International Periodicals Directory* Carolyn Farquhar Ulrich, 1983*

Physical Science, 2008 *Pass Physical Sciences Grade 12* Karin H. Kelder, Derick Govender, Jagathesan
Govender, 2010-04-29 PASS Physical Sciences provides a comprehensive overview of the curriculum to help you prepare for
the final exams Here you will find summaries of content covered by the exam worked examples a list of useful equations and
formulae lists of SI units and standard reduction potentials tips and definitions of key words to help you through your exams
Grade 12 Physical Sciences in a nutshell *Everything Science*, **Physical Sciences, Grade 12** Karin H. Kelder, Derick
Govender, Jagathesan Govender, 2013-07-03 Study Master Physical Sciences Grade 12 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 Physical Sciences *Physical Sciences* Santie Du Plessis, 2016

Unveiling the Magic of Words: A Review of "**Grade 12 Physical Sciences Syllabus Pace Setter**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Grade 12 Physical Sciences Syllabus Pace Setter**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

https://staging.conocer.cide.edu/results/publication/index.jsp/esl_grammar_diagnostic_test.pdf

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web jan 1 2023 the sensor installed in the system is preferably a water level detecting sensor the sensor functioning is to sense the level of water inside the water tank and