

## **GR11 2024 - PHYSICAL SCIENCES TERM 3 – STUDY PLAN**



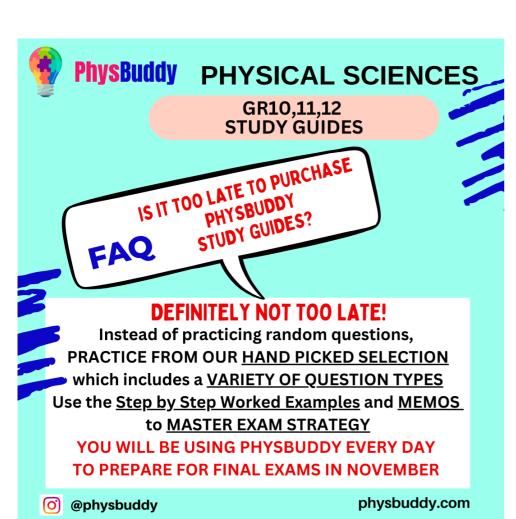
MON	TUES	WED	THURS	FRI	SAT	SUN
THIS PLAN IS FLEXIBLE. START WITH WHICHEVER SECTION YOU WOULD LIKE TO. USE THIS AS A GUIDE – TRY TO DO AS MANY QUESTIONS AS YOU CAN WITH UNDERSTANDING			23 <u>Stoichiometry</u> 118,119,127Q4 134Q7	24 <u>Stoichiometry</u> %yield and % purity 125,126,129Q6, 130Q6,	25 Stoichiometry 132,138	
Stoichiometry Dilution 122, 126Q8,127Q3 128Q7	27 Stoichiometry Empirical and molecular 125, 130Q5,133 145Q5 AND 6	Energy And Change 170-178 ,180,181	Energy And Change 182,183,184	30 Acids and Bases Pg 148, 149,150,151,152,15 3	31 <u>Acids and Bases</u> 156,161,155,157	1 <u>Acids and Bases</u> 158,163,164,165,16 7
2 <u>Gases &amp;</u> <u>Boyles Law</u> 69-71,74 79,80	Gases & Boyles Law 92,83,84,85,86	Gases & Boyles Law 93,94,97,98,102,103	5 <u>Stoichiometry</u> <u>Graphs</u> 144,146 135,136	6 2023 PAST PAPER + MCQ	7 Catch up on weak sections	8 DEFINITIONS AND ONE OF EACH QUESTION TYPE FROM PAGE 2 PHYSBUDY CHECKLIST
9 DEFINITIONS AND ONE OF EACH QUESTION TYPE FROM PAGE 2 PHYSBUDY CHECKLIST	10	11	i	13 VE IN YOURSELF	14	15
16	17	18		AY POSITVE YOUR BEST!	*	



## **GR11 2023 - TERM 3 - RECOMMENDED QUESTIONS**



TOPIC	CONCEPTS	PRACTICE QUESTIONS FROM PHYSBUDDY	PHYSBUDYY VIDEOS
Stoichiometry	Limiting Reactant	118,119,120,121,122,	Video
	Percentage Yield and Percentage Purity Dilution	124,127,128,129,130 125,126,128,129,130,132,138	4,5 6,7,8
	Dilation	137,141	9
Stoichiometry	More Practice Questions And Graphs	131,134,135,136,139,140,142,144,146,1 47	10
Stoichiometry	Empirical And Molecular Formula % Composition	125,128 q6, 129 q5,2,130 q5, 134q7 138 q7.1,141q6	Video 1,2
Acids And Bases	Work through summaries and worked examples	Work through summaries and worked	
Concepts		examples	Video 1,2,3,4
		Pg 148 ,149,150,151,152,153	
	Strong vs weak, Conjugate pairs	155,156,157,158,159,160,161,162,163,	
Acids And Bases	Titration and neutralisation	165,167,168,169	
Acids And Bases	Dilution stoichiometry	With dilution stoichiometry 160,160,165,167	
Energy And Change	Work through summaries and worked examples	170,171,172,173,174,175,176,177,178	Video
Energy And Change	Graph sketching	179,180 q8,181,186,188,189	1,2,3
Energy And Change	Graph interpretation	180,181,184,185,186,187	
Energy And Change	With bond energies	182,183,188,189	
Gases And	Work through	69,70,71,74,76	
Boyles Law	Summaries and worked examples		Video 1,2,3,4,5
Gases And	Boyles law graph sketching and experiment	79,83,85	
Boyles Law			
Gases And	Boyles law graph interpretation	76,80,82,84,86,101,102,103	
Boyles Law			
Gases And	Ideal gases and pv=nRT	70,77,,74,90,94 q4 ,96,98	
Boyles Law			





TERM 1

- ✓ VECTORS
- NEWTONS LAWS
- ELECTROSTATICS

TERM 2

- ✓ ELECTRIC CIRCUITS
- **✓** ELECTRO MAGNETISM
- **✓** MATTER & MATERIALS

✓ Watch ANYTIME
 ✓ Watch MANY TIMES
 ✓ Explanation of Concepts
 ✓ Exam Strategy
 ✓ Past Paper Questions

✓ Pro Tips & Techniques

**GRADE 11** 

TERM 3

QUANITITAIVE ASPECTS OF CHEMICAL CHANGE

The Mole , Molar Mass, Volume, Concentration, Avogadros Number ,Water of Crystallization, Empirical and Molecular Formula, Molar Ratio, Limiting Reactant,. Percentage Purity Percentage Yield, Percentage Composition

- / ENERGY AND CHANGE
  - **ACIDS AND BASES**
- ✓ IDEAL GASES & BOYLES LAW

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