



PhysBuddy

PHYSICAL SCIENCES

GRADE 10

25 DAY STUDY PLAN TO ACE NOV FINALS



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ACE PHYSICS WITH PHYSBUDDY

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physbuddy@gmail.com

OVER 17 YEARS TEACHING EXPERIENCE



PHYSICAL SCIENCES

GR10-2024

25 DAY STUDY PLAN TO ACE THE NOVEMBER FINAL EXAM

GOAL/AIM	<u>TO IMPROVE YOUR SYMBOL</u> We <i>at PhysBuddy</i> believe that there is a 10-30% window of mark increase possibility between the September Exam and the finals Use your time wisely and give it your best shot!!!
STRATEGY	<u>PRACTICE AS MANY PAST PAPER QUESTIONS AS YOU CAN FOR EACH SECTION</u> <i>PhysBuddy</i> contains A VARIETY of DIFFERENT TYPES of questions for FOR EACH SECTION specifically selected by us from past papers (National and Provincial) including step by step solutions. Complete both books and you are sure to ace it!!
<u>TIME</u>	<ul style="list-style-type: none">• <u>School days - 1 hr physics daily (minimum!)</u>• <u>Weekends – 2 hrs physics daily(minimum!)</u>
<u>DON'T HAVE Physbuddy?</u>	Get a copy from us physbuddy.com OR work through past papers following our section-by-section guide

FAQ

Is it too late for me to buy and use Physbuddy?

ANSWER

NOT TOO LATE!

It is the best tool to get you prepared for the finals. You will use it EVERYDAY TO PREPARE FOR FINALS

Instead of looking for questions from past papers and guessing which ones are good practice.... Follow our guide!

We have hand -picked a wide variety in of questions from different provinces and years and included them in Physbuddy

Purchase from online store Physbuddy.com
Only while stocks last

IMPORTANT!
STUDYING FOR THE NOVEMBER EXAM

-Your main studying for the November exam happens in October

- November is for revision and writing exams (once exams start – your study time becomes less

and you need to ensure that you get a good rest the night before each exam

During the exam period – while writing other subjects

- Ensure that you keep all your Physical Sciences studying in your memory by revising Phys/sci for at least 20 min daily or every second day at least throughout November until you write Physical Sciences

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PHYSICAL SCIENCES



IF YOUR MARK IS UNDER 65%

1. Physbuddy Videos to gain understanding of concepts and to learn exam strategy
2. Practice AT LEAST 3 of EACH QUESTION TYPE in Physbuddy
3. You should soon see an improvement (ia)

 @physbuddy

IF YOUR MARK IS 65-70%

1. Physbuddy Videos to master weak points
2. Practice ALL the Physbuddy Questionor at least 80%
3. You should soon achieve your A (ia)

physbuddy.com

VIDEO LESSONS

Physbuddy.teachable.com

OCT/NOV 2024

R300 FOR 30 DAYS ACCESS

over 100 videos

NOTE!!

- Use the 25- day plan as a GUIDE
- You do not have to follow the same order
- Start with your weakest sections
- A blank grid is provided for you at the end to use to plan YOUR PERSONAL STUDYING



DO NOT COMPLETE THE QUESTIONS IN ORDER!!!

Do few from EACH QUESTION TYPE ON CHECKLIST

- If possible complete all the questions.
- If not, do as many as possible from each question type
- Make sure you understand what you are doing

**We highly recommend
that you sign up for the PhysBuddy Video Lessons
if you are struggling to understand the concepts
and formulae and
need to master exam strategy**

**Follow us on instagram
for tips and free online
support**



PhysBuddy

**PHYSICAL SCIENCES
STUDY GUIDES**

**SUMMARIES
PAST PAPER QUESTIONS
WORKED SOLUTIONS**



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VIDEO LESSONS

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OCT/NOV 2024

**R300 FOR 30 DAYS
ACCESS**

MON	TUES	WED	THURS	FRI	SAT	SUN
	1 OCT	2	3 P1 MECHANICAL ENERGY	4 P2 KINETIC THEORY	5 P2 CHEMICAL FORMULAE AND PERIODIC TABLE	6 P2 ISOTOPES AND ELECTRON CONFIGURATION
7 IONISATION ENERGY	8 P2 CHEMICAL BONDING	9 P2 Phys/chem change Law of conservation of mass	10 P2 REVIEW ALL THE CHEM FROM DAY 4-9	11 P2 REVIEW ALL THE CHEM FROM THE PAST WEEK	12 P1 ELECTRO STATICS	13 P1 ELECTRIC CIRCUITS
14 P1 MECHANICAL ENERGY	15 P1 TRANSVERSE WAVES	16 P1 LONGITUDINAL WAVES	17 P1 EM WAVES	18 P2 STOICHIOMETRY	19 P2 STOICHIOMETRY	20 P1 EQUATIONS OF MOTION
21 P1 GRAPHS OF MOTION	22 P1 VECTORS	23 MULTIPLE CHOICE P1	24 MULTIPLE CHOICE P2	25	26	27
CONGRATULATIONS!! YOU HAVE REACHED THE END OF THE PHYSBUDDY STUDY PLAN YOU SHOULD NOW BE CONFIDENT IN ANSWERING QUESTIONS IN ALL SECTIONS						
28	29	30	31	1 NOV		
<p>Continue <u>daily</u> with at least 30 MIN of Physical Sciences EVERY DAY right until your Physical Sciences Paper</p> <p>Practice the sections you feel you need more time with and the complete the questions you didn't yet complete in the PhysBuddy and then tackle more past papers</p> <p><u>MAKE SURE TO LEARN DEFINITIONS- approx. 10% of your paper</u></p>						

RECOMMENDED PRACTICE QUESTIONS

	TOPIC	PAGE NUMBER IN PHYSBUDDY
1	TRANSVERSE PULSES	24,25,26
2	TRANSVERSE WAVES	26,27,28,30,33,34 36,38,39,41
3	LONGITUDINAL WAVES	42,43,44,44,45,47,49,52,53 54,55
4	EM WAVES	58,59,60,61,62,63
5	ELECTROSTATICS	86,87,88,89,90,91,93,94 96
6	ELECTRIC CIRCUITS	111,112,113,114,115,116 117,118,119,120 122,123,124,125,126,128 ,130,131,132
7	VECTORS	155,156,158,161,163,164
8	GRAPHS OF MOTION	166,167,170,172,173,175, 176,177,179
9	EQUATIONS OF MOTION	181,182,184,185,186, 187,188,189
10	ENERGY	194,195,196,197,198,199, 200,201



PAPER 1 : PHYSICS

IT IS BEST TO DO ALL THE QUESTIONS IN PHYSBUDDY FOR YOUR FINAL PREP HOWEVER, IF YOU CANNOT DO ALL THEN **AT LEAST PRACTICE THESE QUESTIONS WITH UNDERSTANDING**

*Believe In Yourself
Do A Little Every Day
Smash Those Goals!*




PAPER 2: CHEMISTRY

	TOPIC	PAGE NUMBER IN PHYSBUDDY
1	PERIODIC TABLE, CHEMICAL FORMULAE THE ATOM ISOTOPES ELECTRON CONFIGURATION CHEMICAL BONDING	49,50,51,53,54,55,56,57,59 60,61, 62,63,64,65,66,68,69,70,72,73
2	IONISATION ENERGY	79,80,81,82,83,84
3	KINETIC THEORY	Eg pg89-92 93,94,95,97,98,99,100. 101,105,106,107,109
4	PHYSICAL CHEMICAL CHANGE AND LAW OF CONSERVATION OF MASS	116,117,118,119,120
5	STOICHIOMETRY QUANTITATIVE ASPECTS OF CHEMICAL CHANGE	138,139,141,142,143,144,145 146,147,148,149,150

IT IS BEST TO DO ALL THE QUESTIONS IN PHYSBUDDY FOR YOUR FINAL PREP HOWEVER, IF YOU CANNOT DO ALL THEN **AT LEAST PRACTICE THESE QUESTIONS WITH UNDERSTANDING**

This study plan is A GUIDE. Adapt it to suit you and always follow the scope given by YOUR school

GR 10 VIDEOS

 **PHYSICAL SCIENCES**

EXAM STRATEGY
PAST PAPER QUESTIONS
PRO TIPS

PAPER 1

1. TRANSVERSE WAVES
2. LONGITUDINAL WAVES
3. EM WAVES
4. ELECTROSTATICS
5. ELECTRIC CIRCUITS
6. VECTORS AND SCALARS
7. EQUATIONS OF MOTION
8. GRAPHS OF MOTION
9. MECHANICAL ENERGY


PAPER 2


1. THE ATOM
2. PERIODIC TABLE
3. KINETIC MOLECULAR THEORY
4. CHEMICAL BONDING
5. PHYSICAL AND CHEMICAL CHANGE
6. QUANTITATIVE ASPECTS OF CHEMICAL CHANGE/ STOICHIOMETRY

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 **PHYSICAL SCIENCES**

GR10,11,12
STUDY GUIDES

FAQ

**IS IT TOO LATE TO PURCHASE
PHYSBUDDY
STUDY GUIDES?**

DEFINITELY NOT TOO LATE!

Instead of practicing random questions,
practice from our hand selected
variety of question types
Use the Step by Step Worked Examples and Memos
to learn exams strategy
**YOU WILL BE USING PHYSBUDDY EVERY DAY
TO PREPARE FOR FINAL EXAMS IN NOVEMBER**



MON	TUES	WED	THURS	FRI	SAT	SUN