



# PhysBuddy

## PHYSICAL SCIENCES

# GRADE 10

## STUDY PLAN TO ACE NOV EXAM



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# PHYSICAL SCIENCES

## GR10-2025

### STUDY PLAN TO ACE THE NOVEMBER FINAL EXAM

<b>GOAL/AIM</b>	<b><u>TO IMPROVE YOUR SYMBOL</u></b> 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!!!
<b>STRATEGY</b>	<b><u>PRACTICE AS MANY PAST PAPER QUESTIONS AS YOU CAN FOR EACH SECTION</u></b> <i>PhysBuddy</i> contains <b>A VARIETY of DIFFERENT TYPES of questions for FOR EACH SECTION</b> 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!!
<b><u>TIME</u></b>	<ul style="list-style-type: none"><li>• <b><u>School days - 1 hr physics daily (minimum!)</u></b></li><li>• <b><u>Weekends – 2 hrs physics daily(minimum!)</u></b></li></ul>
<b><u>DON'T HAVE Physbuddy?</u></b>	Get a copy from us <a href="http://physbuddy.com">physbuddy.com</a> 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](http://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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**PhysBuddy**

**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 2025**

**R300 FOR 30 DAYS ACCESS**

**over 100 videos**

### NOTE!!

- Use the 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

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



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



**PHYSICAL SCIENCES  
STUDY GUIDES**

SUMMARIES  
PAST PAPER QUESTIONS  
WORKED SOLUTIONS



physbuddy@gmail.com



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### **VIDEO LESSONS**

Physbuddy.teachable.com

OCT/NOV 2025

R300 FOR 30 DAYS

ACCESS

MON	TUES	WED	THURS	FRI	SAT	SUN
<ul style="list-style-type: none"> <li>- The plan below allocates 1 day per topic due to the short time available before finals. The plan is FLEXIBLE</li> <li>- Start with your weakest sections and take more than 1 day if needed as you may be strong in some topics</li> </ul>						
13 <b>DAY 1</b> P1 ELECTRO STATICS	14 <b>DAY 2</b> P1 ELECTRO STATICS	15 <b>DAY 3</b> P1 CIRCUITS	16 <b>DAY 4</b> P1 CIRCUITS	17 <b>DAY 5</b> P1 MECHANICAL ENERGY	18 <b>DAY 6</b> P2 CHEMICAL FORMULAE AND PERIODIC TABLE. ISOTOPES, ELECTRON CONFIG	19 <b>DAY 7</b> P2 IONISATION ENERGY, CHEMICAL BONDING, KINETIC THEORY
20 <b>DAY 8</b> P2 LAW OF CONS OF MASS & BALANCING EQ	21 <b>DAY 9</b> P2 KINETIC THEORY	22 <b>DAY 10</b> P2 REVIEW ALL THE CHEM FROM DAY 6-8 EXAM PRACTICE	23 <b>DAY 11</b> P2 REVIEW ALL THE CHEM FROM DAY 6-8 EXAM PRACTICE	24 <b>DAY 12</b> P1 TRANSVERSE WAVES	25 <b>DAY 13</b> P1 LONGITUDINAL WAVES	26 <b>DAY 14</b> P1 EM WAVES
27 <b>DAY 15</b> P1 GRAPHS OF MOTION	28 <b>DAY 16</b> P1 EQUATIONS OF MOTION	29 <b>DAY 15</b> P1 VECTORS	30 <b>DAY 16</b> P2 STOICHIOMETRY	31 <b>DAY 17</b> P2 STOICHIOMETRY	1 NOV	2 NOV

**Continue daily with at least 30 MIN of Physical Sciences EVERY DAY right until your Physical Sciences Paper**  
**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**  
**MAKE SURE TO LEARN DEFINITIONS-**  
**approx. 10% of your paper**

FULL PAPERS  
 RE DO ALL YOUR MARCH, JUNE, SEPT PAPERS  
 AND THE 2024 AND 2023 NOVEMBER PAPERS  
 KZN AND EASTERN CAPE

## RECOMMENDED PRACTICE QUESTIONS OCT NOV 2025

### PAPER 1: PHYSICS



	TOPIC	PAGE NUMBER IN <i>Physbuddy</i> 2025 EDITION
1	TRANSVERSE PULSES	26,27
2	TRANSVERSE WAVES	29,31,33,36,38,41,43,44,45
3	LONGITUDINAL WAVES AND ECHO CALCULATIONS	47,49,50,51,53,54,55,56,58 59,60,61,62,63,64,65,66
4	EM WAVES	68,69,70,71,72,73
5	ELECTROSTATICS	83,84,85,86,87,89,92,93,94 95,96,97
6	ELECTRIC CIRCUITS	114,115,116,117,118,122,125, 126,130,131,132,134,135, 137,138,140,141,142
7	VECTORS	173,174,175,176,177,178
8	GRAPHS OF MOTION	181,182,183,184,185, 186,190,191,193,194
9	EQUATIONS OF MOTION	195,197,199,200,201,202,203
10	ENERGY	210,211,212,213,214,215, 216,217

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 QUESTONS WITH  
UNDERSTANDING**

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



## RECOMMENDED PRACTICE QUESTIONS OCT NOV 2025


### PAPER 2: CHEMISTRY

	TOPIC	PAGE NUMBER IN <i>Physbuddy</i> 2025 EDITION
1	( these topics are tested together ) PERIODIC TABLE, CHEMICAL FORMULAE THE ATOM ISOTOPES ELECTRON CONFIGURATION CHEMICAL BONDING	49,50,52,53,54,55,56,57,58 59,60,61, 62,63,64,65,66,68,69,70,72, 73,74,75
2	IONISATION ENERGY	83,85,86,87,90
3	KINETIC THEORY	Eg pg89-92 100,102,104,105,107,108 110,112,113,114
4	PHYSICAL CHEMICAL CHANGE AND LAW OF CONSERVATION OF MASS	121,122,123,124
5	STOICHIOMETRY QUANTITATIVE ASPECTS OF CHEMICAL CHANGE	145,146,147,149,150,152, 153,154,155,156,157,158 159,160,161,162,163

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 QUESTONS 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

**R300**  
**30 DAY ACCESS**

**OVER 18 YEARS**  
**TEACHING EXPERIENCE**

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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