



# GradePlus

## Class 11

### Complete Course

NCERT Based | NEP 2020 Curriculum

A Complete academic solution for Class 11 students  
designed to build strong concepts, curiosity and  
confidence for a bright future



English & Hindi  
Medium Support



Science  
Learning



Stronger  
Maths Basics



Life Science  
Explained



Learn Smart. **Grow Strong**

# Course Overview

Our Class 11 Complete Course as the latest NCERT books and NEP 2020 guidelines to ensure strong foundational learning across core subjects.

## Subjects Covered



### Maths

Builds logical thinking and problem-solving skills.



### Physics

Understand the basic concepts of the physical world.



### Chemistry

Learn about matter, its properties and changes.



### Biology

Explore the living world and develop curiosity in life science.

## Course Features



### Recorded Lectures

- In English Language
- In Hindi Language

High-quality video lectures by expert teachers



### Chapter-wise Notes

Detailed notes for every chapter to revise anytime



### Worksheets & Test Series

Practice worksheets and tests to evaluate your preparation.



### Doubt Support

Get your doubts cleared by our academic experts.

# Detailed Lecture Plan

## Class 11 Complete Syllabus



Topic-wise breakdown of chapters and lectures for a structured learning Journey

Subject	No. of Chapters	Chapters (As per Updated NCERT Syllabus)	No. of Lectures
  <b>CHEMISTRY</b>	<b>9</b> Chapters	1. <b>Some Basic Concepts of Chemistry</b> ..... 17 2. <b>Structure of Atoms</b> ..... 26 3. <b>Classification of Elements and Periodicity in Properties</b> 15 4. <b>Chemical Bonding and Molecular Structure</b> ..... 15 5. <b>Thermodynamics</b> ..... 27 6. <b>Equilibrium</b> ..... 15 7. <b>Redox Reactions</b> ..... 11 8. <b>Organic Chemistry – Some Basic Principles and Techniques</b> ..... 12 9. <b>Hydrocarbons</b> ..... 8	<b>132</b> Lectures
  <b>PHYSICS</b>	<b>14</b> Chapters	1. <b>UNITS AND MEASUREMENTS</b> ..... 8 2. <b>MOTION IN A STRAIGHT LINE</b> ..... 6 3. <b>MOTION IN A PLANE</b> ..... 13 4. <b>LAWS OF MOTION</b> ..... 13 5. <b>WORK, ENERGY AND POWER</b> ..... 13 6. <b>SYSTEM OF PARTICLES AND ROTATIONAL MOTION</b> ... 14 7. <b>GRAVITATION</b> ..... 12 8. <b>Mechanical Properties of Solids</b> ..... 8 9. <b>Mechanical Properties of Fluids</b> ..... 8 10. <b>Thermal Properties of Matter</b> ..... 12 11. <b>Thermodynamics</b> ..... 27 12. <b>Kinetic Theory</b> ..... 9 13. <b>Oscillations</b> ..... 10 14. <b>Waves</b> ..... 9	<b>147</b> Lectures

Subject	No. of Chapters	Chapters (As per Updated NCERT Syllabus)	No. of Lectures
 <b>BIOLOGY</b>	<b>19</b> Chapters	1. Diversity In the living world..... 5 2. Biological Classification ..... 8 3. Plant Kingdom..... 10 4. Animal Kingdom ..... 8 5. Structural Organisation In Plants and Animals ..... 7 6. Anatomy of Flowering Plants ..... 5 7. Structural Organisation In Animals ..... 4 8. Cell Structure and Functions ..... 7 9. Biomolecules ..... 7 10. Cell Cycle and Cell Division ..... 6 11. Photosynthesis In Higher Plants..... 10 12. Respiration in Plants ..... 9 13. Plant Growth and Development..... 6 14. Breathing and Exchange of Gases ..... 7 15. Body Fluids and Circulation ..... 7 16. Excretory Products and Their Elimination ..... 7 17. Locomotion and Movement ..... 7 18. Neural Control and Coordination..... 6 19. Chemical Coordination and Integration..... 6	<b>131</b> Lectures
 <b>MATHEMATICS</b>	<b>14</b> Chapters	1. SETS ..... 4 2. RELATIONS AND FUNCTIONS..... 4 3. TRIGONOMETRIC FUNCTIONS ..... 6 4. COMPLEX NUMBERS AND QUADRATIC EQUATIONS .... 4 5. LINEAR INEQUALITIES ..... 4 6. PERMUTATIONS AND COMBINATIONS ..... 6 7. BINOMIALTHEOREM ..... 4 8. SEQUENCES AND SERIES ..... 6 9. STRAIGHT LINES..... 5 10. CONIC SECTIONS..... 6 11. INTRODUCTION TO THREE DIMENSIONAL GEOMETRY.. 4 12. LIMITS AND DERIVATIVES..... 5 13. STATISTICS ..... 8 14. PROBABILITY ..... 6	<b>71</b> LECTURES

 <b>Grand Total</b>	<b>56</b> Chapters	<b>481</b> Lectures	<b>4</b> Subjects
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# Meet Our Faculty

Learn from experienced and passionate educators dedicated to building a strong foundation for every student.

 <p><b>NAINA MA'AM</b> Biology Subject</p> <ul style="list-style-type: none"> <li>Dr. Naina Dwivedi, Ph.D. (King George's Medical University). Botany expert with 5+ years' experience (ex-Sri Chaitanya).</li> <li>2+ years of teaching experience</li> <li>Concept-based, diagram-driven teaching for strong NEET &amp; school preparation.</li> </ul> <p>EXPERIENCE 2+ Years</p>	 <p><b>SHIVANGI MA'AM</b> Chemistry Subject</p> <ul style="list-style-type: none"> <li>M.Sc. Chemistry</li> <li>2 years of teaching experience</li> <li>Makes chemistry simple, practical and fun with real-life examples and a concept-first approach.</li> </ul> <p>EXPERIENCE 2 Years</p>	 <p><b>MUSKAAN MA'AM</b> Chemistry Subject</p> <ul style="list-style-type: none"> <li>Muskaan Singh – Graduate (Zoology, Botany, Chemistry) from I.T. PG College; Postgraduate from Dr. Ram Manohar Lohia Avadh University.</li> <li>3+ years of teaching experience (coaching + school), focused on clear concepts and strong fundamentals.</li> </ul> <p>EXPERIENCE 3+ Years</p>	 <p><b>DIVYA MA'AM</b> Maths Subject</p> <ul style="list-style-type: none"> <li>M.Sc. Maths</li> <li>2+ years of teaching experience</li> <li>Focuses on clarity, practice and problem-solving to help students build confidence in maths.</li> </ul> <p>EXPERIENCE 2+ Years</p>	 <p><b>LAIBA MA'AM</b> Biology Subject</p> <ul style="list-style-type: none"> <li>M.Sc. in Biochemistry</li> <li>1+ years of teaching experience</li> <li>Expert in simplifying complex biological concepts and making learning engaging and interesting.</li> </ul> <p>EXPERIENCE 1+ Years</p>
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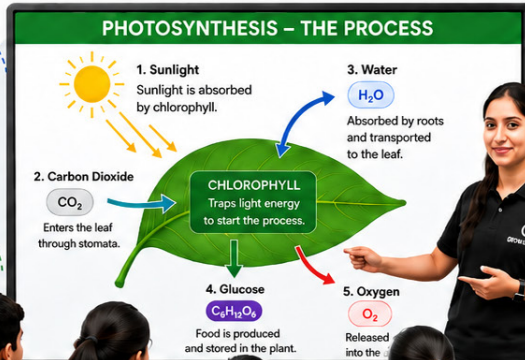
## THE WAY OUR TEACHERS — TEACH STUDENTS —



Conceptual Clarity. Active Learning. Better Results.

**1. CONCEPT FIRST**

We build strong fundamentals by explaining concepts from basics with real-life examples and simple explanations.



**PHOTOSYNTHESIS – THE PROCESS**

**4. PRACTICE WITH PURPOSE**

Topic-wise questions, NCERT exercises and advanced problems help students practice smart and build confidence.

**2. VISUAL & INTERACTIVE LEARNING**

Diagrams, animations, smart boards and interactive sessions make learning engaging and easy to understand.

**3. QUESTIONING & DISCUSSION**

We encourage questions, discussions and student participation to clear doubts and deepen understanding.

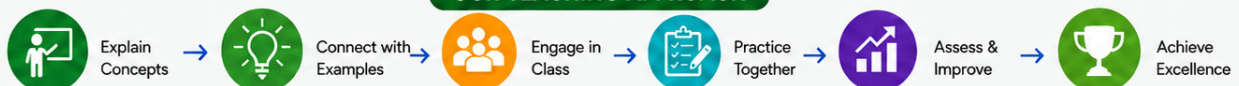
**5. REGULAR ASSESSMENT & FEEDBACK**

Tests, quizzes and assignments help track progress. Personalized feedback ensures continuous improvement.

**6. PERSONAL SUPPORT ALWAYS**

Our teachers are always available to guide, motivate and support every student at every step.

### OUR TEACHING APPROACH



# Why GradePlus ?

We focus on overall development and strong academic growth through the right guidance, resources and practice.



## NCERT FOCUSED LEARNING

We base everything on NCERT – the most trusted source for building a strong foundation.



## CONCEPT CLARITY

We simplify concepts so you understand better and remember longer.



## STUDENT FRIENDLY TEACHING

Our interactive classes, real-life examples and personalized approach make learning easy and enjoyable.



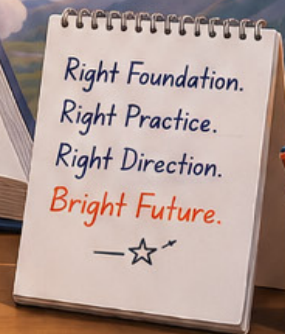
## REGULAR PRACTICE & TESTS

Practice more. Improve consistently. Perform confidently in every exam.



STRONG  
CONCEPTS

BETTER  
RESULTS  
BRIGHTER  
FUTURE



**GradePlus = NCERT Focus + Concept Clarity  
+ Student Friendly Teaching + Regular Practice & Tests  
= Top Results, Every Time!**



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