



# **HOLY CROSS SCHOOL & PU COLLEGE, WHITEFIELD, BENGALURU-66**

## **Year Planner 2024-25**

### **Grade: XII Science**



HOLY CROSS SCHOOL AND PU COLLEGE WHITEFIELD, BANGALORE

**CLASS: XII SCIENCE YEAR PLANNER 2024-2025**

**ENGLISH**

MONTH	CHAPTER/ CONTENT	TEST/ EXAM	ACTIVITIES
May	1.The Last Lesson 2.Deep Water 3.The Rattrap	-	Creative Writing Notice
June	4.Indigo 5.My Mother at Sixty,Six 6.Keeping Quiet 7.The Third Level 8.The Tiger King	Cycle Test	Formal/Informal Invitation.
July	9.Poets and Pancakes 10.The Interview 11.A Thing of Beauty 12.A Road side Stand	PA-1	Letter based in Verbal /Visual .
August	13.Going Places 14.Aunt Jennifer's Tigers 15.Journey to the End Of the Earth	PA-2	Article writing
September	16.On the Face of it 17.The Cutting of My Long Hair 18.We Too are Human Being	SA-I	Report Writing
October	Revisions –Exams	Unit Test	Grammar Exercises practice
November	Revision	PA-3	Examinations
December	Revision	Sahodaya exam	Examinations
January	Revision	Preboard	Examinations
February			

**COMPUTER SCIENCE**

MONTH	CHAPTER/ CONTENT	TEST/ EXAM	ACTIVITIES
May	<ul style="list-style-type: none"> <li>• Revision of Python tour 1 &amp; 2</li> <li>• Functions</li> </ul> Ch-1,2,4,3	-	Lab Activities based on Ch-1,2,4
June	<ul style="list-style-type: none"> <li>• Functions</li> <li>• Exception Handling</li> <li>• File Handling (Text file, Binary file, CSV file)</li> </ul> <b>Ch-3,6,5</b>	Cycle Test	Lab Activities based on Ch-3,5
July	<ul style="list-style-type: none"> <li>• File Handling (CSV File)</li> <li>• Structure: Stack</li> <li>• Relational Databases</li> <li>• SQL</li> </ul> Ch- 5,7,10,11	PA-1	Lab Activities based on Ch-12,13
August	<ul style="list-style-type: none"> <li>• SQL</li> <li>• Creating Tables and Modifications</li> <li>• SQL Functions</li> <li>• Joins</li> </ul> Ch-11,12,13	PA-2	Lab Activities based on Ch-13,14,15
September	<ul style="list-style-type: none"> <li>• Joins</li> <li>• <b>Interface of Python with an SQL database</b></li> <li>• <b>Computer Networks - I</b></li> </ul> Ch-13,14,8	SA-I	Lab Activities based on Ch-15,16
October	<ul style="list-style-type: none"> <li>• <b>Computer Networks-I</b></li> <li>• <b>Computer Networks-II</b></li> </ul> Ch-8,9	Unit Test	Lab Activities based on Ch-16
November	Revision of Python	PA-3	Revision
December	Revision of DBMS	Sahodaya exam	Revision
January	Revision of Networking	Preboard	Revision
February			

**BIOLOGY**

MONTH	CHAPTER/ CONTENT	TEST/ EXAM	ACTIVITIES
May	Chapter 1 Chapter 2 Chapter 3	-	Lab Activities
June	Chapter 4 Chapter 5	Cycle Test	Lab Activities
July	Chapter 6 Chapter 7	PA-1	Lab Activities
August	Chapter 8 Chapter 9	PA-2	Lab Activities
September	Chapter 10 Chapter 11	SA-I	
October	Chapter 12 Chapter 13	Unit Test	Lab Activities
November	Chapter 1-4 Revision	PA-3	Project Work
December	Chapter 5-8 Revision	Sahodaya exam	Project Work
January	Chapter 9-13 Revision	Preboard	
February	ANNUAL EXAMINATION		
March			

## PHYSICS

MONTH	CHAPTER/ CONTENT	TEST/ EXAM	ACTIVITIES
May	Chapter-1	-	Lab Activities
June	Chapter-2 Chapter-3	Cycle Test	Lab Activities
July	Chapter-4 Chapter-5 Chapter-6	PA-1	Lab Activities
August	Chapter-7 Chapter-8 Chapter-9	PA-2	Lab Activities
September	Chapter -10 Chapter-11	SA-I	
October	Chapter-12 Chapter-13 Chapter-14	Unit Test	Lab Activities
November	Revision for the chapters 1, 2,3,4	PA-3	Project work
December	Revision for the chapters 5,6,7,8,9	Sahodaya exam	Project work
January	Revision for the chapters 10,11,12,13,14	Pre-board	
February	ANNUAL EXAMINATION		
March			

## CHEMISTRY

MONTH	CHAPTER/ CONTENT	TEST/ EXAM	ACTIVITIES
May	Chapter - 1 solutions Chapter - 2 Electrochemistry	-	Lab activities
June	Chapter - 3 Chemical kinetics Chapter - 4 d and f block elements	Cycle Test	Volumetric analysis -1
July	Chapter - 5 coordination compounds Chapter - 6 Haloalkanes and Haloarenes	PA-1	Volumetric analysis - 2
August	Chapter - 7 Alcohols, phenols and Ethers Chapter - 8 Aldehydes, Ketones and Carboxylic acids	PA-2	Salt analysis - 1
September	Chapter - 9 Amines	SA-I	Salt analysis 2,3,4,
October	Chapter - 10 Biomolecules	Unit Test	Salt analysis 5,6,7
November	Revision for the chapters 1,2,3,4	PA-3	Salt analysis 8,9,10
December	Revision for the chapters 5,6,7	Sahodaya exam	Content based experiments
January	Revision for the chapters 8,9,10	Preboard	revision
February	ANNUAL EXAMINATION		
March			

## MATHEMATICS

Month	Chapter/ Content	Test/ Exam	Activities
May	5. Continuity and Differentiability	-	Continuity Differentiation
June	6. Application of derivative.	Cycle Test	Increasing and decreasing function Maximum and minimum function.
July	1.Relation and Fuctions 12. Linear programming problem	PA-1	Relation and Fuctions Linear programming problem
August	7. Integration 8. Applications of Integration	PA-2	Application of Integration
September	9. Differentiable Equation	SA-I	Differentiable Equation
October	10. Vector 11. Three Dimensional Geometry 13. Probability	Unit Test	Vector Three Dimensional Geometry Probability
November	Revision	PA-3	Sample Question Papers

December	Revision	Sahodaya exam	Sample Question Papers
January	Revision	Preboard	Sample Question Papers
February	ANNUAL EXAMINATION		
March			