



# Delhi Public School Nashik

Academic year 2018-19

Syllabus

for

**GRADE: - XI Science**

Sr.No.	Subject	Page Number
1.	English	2-3
2.	Physics	4
3.	Chemistry	5
4.	Biology	6
5.	Maths	7
6.	Informatics Practices	8-9
7.	Physical Education	10



**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**  
**Grade XI – English**

Month	Syllabus/chapter	Activities	Grammar	Creative writing	Test Syllabus
June	Hornbill: The Portrait of a Lady	Write a short description on someone you liked a lot.	Determiners	Business letter / official letter	
	Snapshots : The Summer of the Beautiful White Horse	Discussion: How important are values in one's life.			
	Novel: The Canterville Ghost: Chapter 1	Discussion			
July	Hornbill: A Photograph(Poem)	Describe a photograph of your parent.	Tenses	Letter to an Editor	
	Snapshots : The Address	Group discussion on Predicament			
	Novel: The Canterville Ghost: Chapter 2	Discussion			
August	Hornbill: We're Not Afraid to Die.....	Share an experience of an adventure you had.	Clauses	Application for a job with resume	Pre Mid Term- The Portrait of a Lady. The Summer of the Beautiful White Horse A Photograph. The Address . Novel: Chapter 1 and 2.
	Snapshots : Ranga's marriage	Debate: Indian society has moved a long way from the way the marriage is arranged in the story			
	Novel: The Canterville Ghost: Chapter 3	Discussion.			
September	Hornbill: Discovering Tut: The Saga Continues	Debate: Knowledge of past is helpful in modern advancement, therefore it should be respected.	Modals	Letter : application for admission	
	Snapshots: Albert Einstein at School.	Discussion: Express your views on the prevailing system of			

		education.			
	Hornbill: The Voice of the Rain(Poem)	Discussion : The Scientific Process of Rainfall			
	Novel: The Canterville Ghost: Chapter 4	Discussion.			
October	Hornbill: The Ailing Planet : The Green Movement's Role	Poster making	Change of voice	Article writing	Half Yearly Exam: The Portrait of a Lady. The Summer of the Beautiful White Horse A Photograph. The Address . We're Not Afraid To Die. Ranga's Marriage. Discovering Tut. The Saga Continues. Albert Einstein at School.The Voice of the Rain. Novel: Chapter 3,4.
	Snapshots : Mother's Day	Discussion: Role of a mother in the family.			
	Novel: The Canterville Ghost: Chapter 5	Discussion			
November	Hornbill: The Browning Version	Discussion: The system of education in old , British schools .	Rearrangement of words and phrases	Note-making	
	Snap shot : Birth	Discussion on medical procedures			
	Novel: The Canterville Ghost: Chapter 6,7	Discussion			
December	Hornbill: Childhood(Poem) Hornbill: Father to Son(Poem) Snapshots: The Tale of Melon City	Talk on childhood and process of growing up Share views : your relationship with your father. Narration	Comparisons	Summarising. Essay writing. Creative writing. Sub-titling	Post Mid Term : The Ailing Planet : The Green Movement Role. Mother's Day. The Browning Version. Birth. Novel: 5,6,7.
January Pre Annual: The Portrait of a Lady. The Summer of the Beautiful White Horse. A Photograph. The Address . We're Not Afraid To Die. Ranga's Marriage. Discovering Tut. The Saga Continues. Albert Einstein at School. The Voice of the Rain. The Ailing Planet : The Green Movement Role. Mother's day. The Browning Version. Birth. Childhood. Father to Son. The Tale of Melon City. Novel: Chapter: 1,2,3,4 5,6,7.					
February Annual Exam: The Portrait of a Lady. The Summer of the Beautiful White Horse. A Photograph. The Address . We're Not Afraid To Die. Ranga's Marriage. Discovering Tut. The Saga Continues. Albert Einstein at School. The Voice of the Rain. The Ailing Planet : The Green Movement Role. Mother's day. The Browning Version. Birth. Childhood. Father to Son. The Tale of Melon City. Novel: Chapter: 1,2,3,4 5,6,7.					



**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**  
**Grade XI – Physics**

Month	Topic		Test
	Part 1	(Part 2)	
<b>June</b>	Chp1. Physical world	Chp 9. Mechanical properties of solids	
	Chp2. Units and measurement	Chp 10. Mechanical properties of fluids	
<b>July</b>	Chp 3. Motion in a straight line	Chp 11 Thermal Properties of matter	
<b>August</b>	Chp 3. Motion in a plane	Chp 12. Thermodynamics	
<b>September</b>	Chp 4. Laws of motion	Chp 13 Kinetic Theory	
<b>October</b>	Chp 6. Work, energy and power	Chp 14. Oscillations	Pre Mid Term: Part 1 : Chp 1,2, 3 Part 2. Chp 9, 10
<b>November</b>	Chp 7. System of particles and rotational motion	Chp 15. Waves	
<b>December</b>	Chap 8. Gravitation	Chp 8 Gravitation	Half Yearly:- Part 1: Chp. 1,2,3,4,5 Part 2: Chp. 9,10,11,12
<b>January</b>	Revision		Post Mid-Term:- Part 1: Chp: 6,7,8 Part 2: Chp.13, 14,15
	Pre Annual		
<b>February</b>	Annual Exam		



**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**

**Grade XI – Chemistry**

Month	Topic	Practicals	Exams
June	Unit 1. Some basic concepts of Chemistry		
	Unit 2. Structure of atom		
	Unit 3. Classification of elements		
July	Unit 14. Environmental Chemistry	Determination of m.p. and b.p. of an organic compound	
	Unit 8. Redox Reactions	Crystallisation of impure sample	
	Unit 9. Hydrogen		
August	Unit 10. 's' block elements	Volumetric analysis (2)	Pre Mid Term - L No 1,2,3 & 14
	Unit 11. 'p' block elements		
September	Unit 4. Chemical bonding & Molecular Structure	Inorganic qualitative analysis (2 salts)	
	Revision for mid term exam		
October	Unit 5. States of matter	<b>Mid Term Practical Exam</b>	Mid Term Exam - Lesson No 1,2,3,8,9,10,11 & 14
November	Unit 12. Organic Chemistry	pH based experiments	
	Unit 6. Thermodynamics		
December	Unit 7. Equilibrium	Equilibrium based experiments	Post Mid Term Exam - Lesson No 4,5 & 12
	Unit 13. Hydrocarbons		
January	Revision (complete book) for final exam	<b>Final Practical Exam</b>	
February	Revision (complete book) for final exam		Pre Annual & Annual exam - All 14 lessons



**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**  
**Grade XI – Biology**

Month	Topic/chapter	Assessment
June	Less.1: the living world	Pre Mid Term: 1-1,2,3
	Less. 2: biological classification	
	Less. 3: plant kingdom	
July	Less. 4: animal kingdom	
	Less. 8: cell: the unit of life	
	Less.10: cell cycle & cell division	
	Less.9: bio molecules	
August	Less. 5: morphology of flowering plants	
	Less. 16: digestion & absorption	
	Less. 6: anatomy of flowering plants	
September	Less.7: structural organisation in animals	
	Less.17-breathing & exchange of gases	
	Less.18-body fluids & circulation	
October	Revision & half yearly exams	Half yearly exams: 1-1-10
November	Less. 11-transport in plants	
	Less. 12: mineral nutrition	
	Less.19-excretory products & their elimination	
December	Less. 13: photosynthesis in higher plants	Post Mid Term: 1-4,5,6
	Less. 14-respiration in plants	
	Less.15: plant growth & development	
January	Less.20-locomotion & movement	
	Less.21-neural control & coordination	
	Less.22-chemical coordination & integration	
February	Final exams	Yearly Exam- 1-22 chapters



**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**  
**Grade XI – Maths**

Month	Chapter no.	Chapter	Exam Syllabus
June	1	Sets	
	2	Relation and Function	
June	3	Trigonometric functions	
	4	Principle of mathematical induction	
	5	Complex numbers and Quadratic equations	
July	6	Linear inequalities	
	7	Permutations and Combinations	
	8	Binomial Theorem	
August	9	Sequences and series	Pre Mid Term:- Chapter 1,2
	10	Straight Lines	
	11	Conic Sections	
September	-----	Revision for Half yearly Examination	
October	12	Introduction to three dimensional geometry	Half yearly Examination syllabus : chapter 1- 9
	13	Limits and derivatives	
November	14	Mathematical Reasoning	
	15	Statistics	
December	16	Probability	Post Mid Term syllabus : chapter 10, 11
January	-----	Revision	Pre Annual Examination syllabus: chapter 1- 16
February			Annual Examination syllabus: chapter 1- 16



**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**  
**Grade XI Informatics Practices**

Month	Topic/chapter	Test Syllabus	Activity
June	Unit 1 : introduction to computer systems 1.1,1.2 hardware concepts		Ms-word - formatting
	Unit 1 : introduction to computer systems 1.2 ,1.3hardware concepts		Ms-word - tables
	Unit 1 : introduction to computer systems 1.3 ,1.4hardware concepts		Ma-word - tab setting
July	Unit 2 software concepts		Ms-excel - referencing
	Less. 3: getting started with programming ide		Ms-excel - functions & formulae
August	Less. 3: getting started with programming ide		Creating a project
	Less. 4: programming fundamentals		
September	Less. 5: flow of control		Workshop 6.1-6.4
	Less. 6:java ide programming -1		
	Less. 7:java ide programming -2		
October	Less. 8:java ide programming -3	Pre Mid Term:- Ls No 1 to 6	Workshop 7.1 to 7.3
	Less.9- programming guidelines		
November	Less.10: dbms concepts		Program 9.1
	Less. 11-introduction to mysql		Program 9.3
December	Less.14- table creation & commands	Mid Term :- Ls No 1 to 9	Ddl,dml commands
	Less.12 simple queries in sql	Post Mid Term:- Ls No 10,11,12,14	
January	Less. 13: mysql functions		Page no 400-415
	Less. 13: mysql functions It applications	Pre Annual	Page no 451-466
February	Revision /board practical exam	Yearly Exam:- Ls No 1 to 14	Page no 426-437





**Delhi public school Nasik**  
**Yearly Syllabus for the year 2018-19**  
**Grade XI – Physical Education**

Month	Topic	Exam Syllabus
JUNE	<p><b><u>CHANGING TRENDS &amp; CAREER IN PHYSICAL EDUCATION</u></b></p> <ul style="list-style-type: none"> <li>* Define Physical Education, its Aims and Objectives.</li> <li>* Development of Physical Education</li> <li>* Concept and Principles of Intergrated Physical Education</li> <li>* Concept and Principle of Adaptive Physical Education</li> <li>* Career options in Physical Education</li> </ul>	
JULY	<p><b><u>PHYSICAL FITNESS, WELLNESS &amp; LIFESTYLE</u></b></p> <ul style="list-style-type: none"> <li>* Meaning and importance of physical fitness, wellness &amp; lifestyle.</li> <li>* Factors affecting physical fitness &amp; wellness</li> <li>* Indicators of health – physical and psychological.</li> <li>* Preventing health threats through life style change.</li> <li>* Components of positive life style.</li> </ul>	
JULY / AUGUST	<p><b><u>OLYMPIC MOVEMENT</u></b></p> <ul style="list-style-type: none"> <li>* Ancient &amp; modern Olympics</li> <li>* Olympic symbols, Ideals, objectives &amp; values.</li> <li>* International Olympic committee.</li> <li>* Indian Olympic Association .</li> </ul> <p>Awards : Dronacharya, Arjuna, Rajiv Gandhi Khel Ratna.</p> <ul style="list-style-type: none"> <li>* Organisational setup of CBSE sports and Chacha Nehru Sports Awards.</li> </ul>	20-08-2018 TO 27-08-2018 PRE-- MID
AUGUST / SEPTEMBER	<p><b><u>YOGA</u></b></p> <ul style="list-style-type: none"> <li>* Meaning and Importance of yoga :</li> </ul> <p>Yoga as an Indian Heritage.            Elements of Yoga            Introduction to – Asanas, Pranayam, Meditation and Yogic Kriyas.</p> <ul style="list-style-type: none"> <li>* Prevention &amp; Management of common life style Diseases: Obesity, Diabetes, Back Pain &amp; Hypertention</li> </ul>	
SEPTEMBER / OCTOBER	<p><b><u>DOPING</u></b></p> <ul style="list-style-type: none"> <li>* Concept and classification of doping.</li> <li>* Prohibited substances &amp; methods.</li> <li>* Athletes responsibilities</li> <li>* Side effects of prohibited substances</li> <li>* Ergogenic aids &amp; doping in sports</li> <li>* Doping control procedure.</li> </ul>	03-10-2018 TO 07-10-2018 HALY YEARLY
OCTOBER / NOVEMBER	<p><b><u>PHYSICAL ACTIVITY ENVIRONMENT</u></b></p> <ul style="list-style-type: none"> <li>* Introduction to Physical activity</li> <li>* Concepts and need of sports environment.</li> <li>* Principle of physical activity environment</li> <li>* Components of health related fitness.</li> <li>* Behaviour change technique for physical activity.</li> <li>* Exercise guidelines at different stages of growth.</li> </ul>	

NOVEMBER / DECEMBER	<b><u>TEST &amp; MEASUREMENT IN SPORTS</u></b> * Define Test & Measurement. *Importance of Test & Measurement in sports * Calculations of BMI & waist – hip ratio. * Somato types (Endomorphy, Mesomorphy & Ectomorphy) *Procedures of Anthropometric measurement – height, weight, arm & leg length and skin fold.	03-12-2018 TO 07-12-2018 POST MID TERM
DECEMBER / JANUARY	<b><u>FUNDAMENTALS OF ANATOMY &amp; PHYSIOLOGY</u></b> * Define Anatomy, Physiology and its importance *Functions of skeleton system, classifications of bones and types of joints. *Function and structure of muscles * Function & structure of respiratory system * Structure of heart and circulatory system. * Oxygen debt, second-wind	
JANUARY / FEBRUARY	<b><u>BIOMECHANICS AND SPORTS</u></b> * Meanings & importance *Newton’s Law of Motion & its application * Levers and its types and its application in sports * Equilibrium – Dynamic & Static and Centre of Gravity & its application in sports. * Force – Centrifugal and Centripetal and its application in sports.	30-01-2019 TO 12-02-2019 PRE - ANNUAL
FEBRUARY	<b><u>PSYCHOLOGY AND SPORTS</u></b> *Definition and importance of Psychology in physical education. * Define & differentiate between growth & development * Developmental characteristics and different stage of development. *Adolescent problems and their management *Define learning, laws of learning and transfer of learning *Plateau and causes of plateau *Emotion : Concept and controlling of emotion	
FEBRUARY / MARCH	<b><u>TRAINING IN SPORTS</u></b> *Meaning and concept of sports training *Principles of sports training *Warming up and limbering down *Load, adaptation and Recovery *Skill, Technique and Style *Symptoms of overload and how to overcome it.	