

Alok Vidyashram
Syllabus Breakdown 2018-19
Grade –XII Science

1. Physics

June, 2018

Chapter – 11 Dual nature of Radiation & Math

Chapter – 12 Atoms

Chapter – 13 Nuclei (half)

July, 2018

Chapter – 13 Nuclei (Remaining half)

Chapter – 14 Semiconductor Electronics

August, 2018

Chapter – 15 Communication system

Chapter – 8 Electromagnetic waves

Chapter – 7 Alternating current

September, 2018

Chapter – 6 Electromagnetic Induction

Chapter – 5 Magnetism & Math

Chapter – 4 Moving charges & Magnetism

Chapter – 3 Current Electricity

Chapter – 2 Electrostatics potential & capacitance

Chapter – 1 Electric charge

2. Mathematics

Till 1st week of July, 2018

1. Relations & Functions
2. Inverse Trig. Functions
3. Matrices
4. Determinants
5. Continuity and Different
6. Application of Derivatives

Till 2nd week of August, 2018

7. Integrals
8. Application of Integrals
9. Differential Equations

August End

10. Vector Algebra
11. Three Dimensional Geometry

Till 1st week of October

12. Linear Programming
13. Probability
14. Supplementary Material

3. English

Flamingo Prose

April and May (32 days)

1. The Last Lesson
2. Lost Spring
3. Deep Water
4. The Rattrap
5. Indigo
6. Going Places

Flamingo- Poetry

June (26 days)

1. My Mother at Sixty six
 2. Keeping Quiet
 3. A Thing of Beauty
 4. Aunt Jennifer's Tigers
 5. An Elementary School
- Note- Making and Summarizing

Vistas

July (24 days)

1. The Tiger King
2. The Enemy
3. Should Wizard Hit Mommy?
4. On the face of it

- Short Compositions

Vistas

August (16 days)

5. Evan Tries an O-Level
6. Memories of Childhood

- Articles, Speech and Debate

September (22 days)

- Letter Writing
- Report Writing

October (11 days)

The Invisible Man (Novel)

4. Biology

April (12 days)

* Reproduction in organism's

* Sexual production in flowering plants

May (26 days)

* Human Reproduction
* Reproductive Health
* Principles of inheritance and Variation
June (26 days)
*Molecular Basis and inheritance
*Evolution
* Human Health and Disease
July (14 days)
*Strategies for Enhancement
August (25 days)
*Microbes in Human Welfare
*Biotic and its Application
*Biotic Principles and Process
September (23 days)
*Organisation and Population
*Ecosystem
October (6 days)
*Biodiversity and environmental issue
November
*Revision

5. Chemistry

July
Unit 12: Alde hide, Kenton and Carboxylic
Unit 6: General Principles and processes of isolation of element
August
Unit 5: Surface Chemistry
Unit 9: Co-ordination compound

Unit 1: Solid State
Unit 2: Solution
September
Unit 4: Chemical Kinetics
Unit 3: Electrochemistry
Unit 7: P- Block element
October
Unit 8: F- Block element