

**INDIAN SCHOOL NIZWA
YEARLY SYLLABUS 2017-18
CLASS - XII (SCIENCE)**

ENGLISH		
Term	Month	Chapter name
Quarterly	April	Flamingo: The Last Lesson, Lost Spring Vistas: My Mother at Sixty-six, W: Revision <ul style="list-style-type: none"> • Notice • Job Application • Letter to the Editor • Article • Report Advertisement: <ul style="list-style-type: none"> • Situation Vacant • Situation Wanted • Property for sale Notice, Letter to the Editor
	May	Flamingo: Deep water, The Rat Trap Vistas: The Enemy W: Advertisement: <ul style="list-style-type: none"> • Vehicles for sale • Household goods • To-let Job Application
Half Yearly	June	Flamingo: Keeping Quiet W: Invitation and replies- formal. Informal Letter of complaint QUARTERLY EXAMINATION
	August	Flamingo: Indigo, Going places W: Advertisement: <ul style="list-style-type: none"> • Business proposals • Matrimonial • Appeal Poster making
	September	Vistas: Should Wizard hit Mommy Flamingo: A Thing of Beauty W: Article and Report (for school magazine and newspaper) Placing orders
	October	Vistas: On the Face of it Flamingo: Aunt Jenifer's Tigers W: Speech, Debate
October 14th	HALF YEARLY EXAMINATION	
Pre Annual	November	Vistas: Memories of Childhood Flamingo: Elementary school classroom in a slum W: Revision
	December	Vistas: Evans tries an O level Writing: Revision

	January	REVISION
		PRE ANNUAL EXAMINATION
	February	REVISION
	March	FINAL EXAMINATION

PHYSICS		
Term	Month	Chapter name
Quarterly	April	Ch. 1 Electrostatic charges and field Ch. 2 Electrostatic potential and capacitance.
	May	Ch. 3 Current Electricity Ch. 4 Moving charges and magnetism. Ch. 5 Magnetism and matter
Half Yearly	June	Ch. 6 Electromagnetic induction
	QUARTERLY EXAMINATION	
	August	Ch. 7 Alternating current Ch. 8 Electromagnetic waves.
	September	Ch. 9 Ray Optics
	October	Ch. 10 Wave Optics Ch. 11 Dual nature of matter and radiation
October 14th	HALF YEARLY EXAMINATION	
Pre Annual	November	Ch. 12 Atoms , Ch. 13 Nuclei. Ch. 14 semiconductor and electronic devices
	December	Ch. 15 Communication system
	January	Revision
	PRE ANNUAL EXAMINATION	
	February	REVISION
	March	FINAL EXAMINATION

CHEMISTRY		
Term	Month	Chapter name
Quarterly	April	Ch 1- Solid state Ch 2- Solutions Ch 5- Surface Chemistry
	May	Ch 6- Isolation of elements Ch 7- P block Elements Ch 3- Electrochemistry
Half yearly	June	Ch 4- Chemical Kinetics Ch 8- D & F block elements
	QUARTERLY EXAMINATION	
	August	Ch 8- Continued Ch 9- Coordination compounds
	September	Ch 10- Haloalkanes&haloarenes Ch 11- Alcohols, Phenols & Ethers
	October	Ch 12- Aldehydes, Ketones & Carboxylic acid Ch 13- Amines
October 14th	HALF YEARLY EXAMINATION	

Pre Annual	November	Ch 13- Continued Ch 14- Biomolecules Ch 15- Polymers
	December	Ch 16 Chemistry in everyday life
	January	PRE ANNUAL EXAM MODEL PRACTICAL EXAM
	February	BOARD PRACTICAL EXAM
	March	BOARD EXAMINATION

BIOLOGY		
Term	Month	Chapter name
Quarterly	March	CH-1 Reproduction in organisms
	April	CH-2 Sexual reproduction in Plants CH-3 Human reproduction
	May	CH-4 Reproductive health. CH-7 Evolution CH-5 Principles of Inheritance
Half yearly	June	CH-10 Microbes in Human welfare CH-13 Organisms and Environment
		QUARTERLY EXAMINATION
	August	CH-6 Molecular Basis of inheritance
	September	CH-11 Biotechnology-Principles and process CH-12 Biotechnology- Applications
October	CH-9 Strategies for food production	
October 14th	HALF YEARLY EXAMINATION	
Pre annual	November	CH-8 Human health and diseases CH-14 Ecosystem CH-15 Biodiversity
	December	CH-16 Environmental issues
	January	PRE ANNUAL EXAM
	February	REVISION & BOARD PRACTICAL EXAMS
	March	BOARD EXAMINATION

MATHEMATICS		
Term	Month	Chapter name
Quarterly	April	L-12- Linear programming L-3 - Matrices L-4 - Determinants
	May	L-2 - Inverse trigonometry L-5 - Derivatives L-6 - Application of derivatives
Half Yearly	June	L-7 - Integration
		QUARTERLY EXAMINATION
	August	L-8 - Application of integration
	September	L-9 - Differential equation L-10- Vector

	October	L-11- Three dimensional geometry
October 14th	HALF YEARLY EXAMINATION	
Pre Annual	November	L-13- Probability L-1 - Relation & functions
	December	REVISION
	January	PRE-BOARD EXAMINATION & REVISION
	February	REVISION
	March	BOARD EXAMINATION

MULTIMEDIA AND WEB TECHNOLOGY		
Term	Month	Chapter Name
Quarterly	March	Ch 2: Databases
		Ch 6: Getting Started with PHP
	April	Ch 7: PHP : Variables & Operators
		Ch 8: PHP : Built-in Functions & Arrays
		Ch 9: PHP : Flow of Control
	May	Ch 10: PHP : User-Defined Functions
		Ch 11: PHP : Forms
		Ch 12: PHP : Working with Text Files
		Ch 13: PHP: Working with Databases.
	Half Yearly	June
QUARTERLY EXAMINATION		
August		Ch 14: Flash an Introduction.
		Ch 15: Creating Animation
September		Ch 15: Creating Animation (Continuation)
		Ch 16: Publishing Flash Movies.
		Ch 3: Communication & Networks.
October	Ch 3: Communication & Networks. (Continuation)	
October 14th	HALF YEARLY EXAMINATION	
Pre Annual	November	Ch 4: Introduction to OSS
		Ch 5: Multimedia Applications
		Ch 1: Revision of Class XI
	December	REVISION
	January	PRE ANNUAL EXAMINATION
	February	PRACTICAL BOARD EXAM & REVISION
	March	BOARD EXAMINATION

