



**AL FALAH INTERNATIONAL SCHOOL
DPS JEDDAH**



GRADE - XII

Annual Syllabi

Session **2020 - 2021**



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ENGLISH

MONTH	TOPICS TO BE COMPLETED
MARCH	<p>Flamingo:</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring <p>Poem 1. My Mother at Sixty six 2. An Elementary Classroom In a Slum 3. Keeping Quiet</p> <p>Vistas: The Third Level</p> <p>Advanced Writing Skills: Job application & CV, Letter of Complaint, Article writing,</p>
APRIL	<p>Flamingo:</p> <ol style="list-style-type: none"> 3. Deep Water 4. The Rat trap 5. Indigo <p>Vistas: 2. The Tiger king</p> <p>Advanced Writing Skills: Note Making, Abstraction, Advertisements (Classified & Commercial), Notice writing, Report writing, Factual Description, Drafting of Poster, Writing Formal & Informal Invitations & Replies</p>
MAY	<p>Vistas:</p> <ol style="list-style-type: none"> 3. Journey to the end of the World 4. The Enemy 5. Should Wizard Hit Mommy? <p>Advanced Writing Skills: Official letters for making enquiries, Registering complaints, asking for & giving information, Letter to the Editor.</p>
JUNE	<p>Advanced Writing Skills: Official letters for making enquiries, Registering complaints, asking for & giving information., Letter to the Editor(.continued)</p>

JULY / AUGUST	Summer Vacation
SEPT.	ASL (first Term) Flamingo: 6. Poets and Pancakes Poem : 4. A Thing of beauty Vistas :6. On the Face of It
OCT.	Flamingo: 7.The Interview Part1 & 2 Poem :5. A Roadside Stand 6.Aunt Jennifer’s Tigers Vistas :7. Evans Tries an O- Level Advanced Writing Skills: Business letters : Placing Orders & Sending Replies
NOV.	Flamingo: 8.Going Places Vistas :8. Memories of Childhood Speaking skills: Extempore, Elocution. JAM
DEC.	Advanced Writing Skills: Comprehension Writing speeches & debates, Listening and speaking skill Practice ASL (Board Examination) Revision
JAN.	Revision & Pre-board

MATHEMATICS

MONTH	TOPICS TO BE COMPLETED
MARCH	Ch-2 Inverse Trigonometric Functions Ch-3 Matrices
APRIL	Ch-4 Determinants Ch-5 Continuity and Differentiability Ch-6 Application of Derivatives
MAY	Ch-6 Application of Derivatives (To be Continued)

JUNE	Ch-6 Application of Derivatives (To be Continued)
JULY / AUGUST	Summer Vacation
SEPT.	Ch-7 Integrals
OCT.	Ch-7 Integrals(To be Continued....) Ch-8 Application of Integrals Ch-9 Differential Equations
NOV.	Ch-10 Vector Algebra Ch-11 Three Dimensional Geometry Ch-12 Linear Programming
DEC.	Ch-13 Probability Ch-1 Relations And Functions
JAN.	Revision and Pre-board

BIOLOGY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Ch-5: Principles of Inheritance and Variation Ch-6: Molecular Basis of Inheritance.	1. Preparation of temporary mount of onion root tip to study mitosis
APRIL	Ch-6: Molecular Basis of Inheritance (concluded) Ch-7: Evolution Ch-11: Principles and Processes of Biotechnology	2. Analysis of pedigree charts on inheritance of widow's peak, colour blindness, blood groups, ear lobes and rolling of tongue 3. Isolation of DNA from plant material like spinach

		4. Study of meiosis through permanent slides
MAY	Ch-12: Applications of Biotechnology	5. Effect of different temperatures on the action of salivary amylase
JUNE	Ch-1: Reproduction in Organisms Ch-2: Sexual Reproduction in Flowering Plants	
JULY / AUGUST	Summer Vacation	
SEPT.	Ch-3: Human Reproduction Ch-4: Reproductive Health	6. Study of pollen germination on a slide 7. Study of TS of mammalian testes and ovary 8. Study of TS of blastula
OCT.	Ch-8: Human Health and Diseases Ch-9: Enhancement in Food Production Ch-10: Microbes in Human Welfare	9. Identification of disease causing organisms and commenting on the diseases they cause 10. Study of soil samples for composition, pH, moisture content and water holding
NOV.	Ch-13: Organisms and Population Ch-14: Ecosystem	11. Study of water samples for pH. 12. Study of hydrophytic adaptive features in two organisms

DEC.	Ch-15: Biodiversity and Conservation Ch-16: Environmental Issues	13. Study of xerophytic adaptive features in two organisms(subject to availability of specimens)
JAN.	Revision & Pre-board	

PHYSICS

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity	1.To determine angle of minimum deviation for a given prism by plotting a graph between the angle of incidence and the angle of deviation. 2.To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.
APRIL	Chapter–3: Current Electricity (Concluded) Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter	3.To find the value of v for different values of u in case of a concave mirror and to find the focal length. 4.To determine resistance per cm of a given wire by plotting a graph of potential difference versus current. 5.To find resistance of a given wire using metre bridge and

		hence determine the specific resistance of its material
MAY	Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current	6.To verify the laws of combination (series) of resistances using a metre bridge. 7.To verify the laws of combination (parallel) of resistances using a metre bridge.
JUNE	Chapter–7: Alternating Current	
JULY / AUGUST	Summer Vacation	
SEPT.	Chapter–7: Alternating Current (Concluded) Chapter–8: Electromagnetic Waves Chapter–9: Ray Optics and Optical Instruments	8.To compare the emf's of two given primary cells using potentiometer. 9.To determine the internal resistance of given primary cell using potentiometer.
OCT.	Chapter–9: Ray Optics and Optical Instruments (Concluded) Chapter–10: Wave Optics Chapter-11: Dual nature of matter and radiations	10.To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. 11.To determine refractive index of a glass slab using a travelling microscope. 12.To find refractive index of a liquid by using convex lens and plane mirror 13.To find the focal length of a convex mirror, using a convex lens.

NOV.	Chapter–12: Atoms Chapter–13: Nuclei	14.To draw the I-V characteristics curves of a p-n junction in forward bias 15.To draw the I-V characteristics curves of a p-n junction in reverse bias. 16.To draw the characteristics curve of a zener diode and to determine its reverse break down voltage
DEC.	Chapter–13: Nuclei (Concluded) Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits	
JAN.	Revision & Pre-board	

CHEMISTRY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Ch 2: Solutions Ch 3:Electrochemistry	Preparation of colloidal solution of starch
APRIL	Ch 3:Electrochemistry (conclude) Ch 4:Chemical Kinetics Ch 1: Solid State	Preparation of crystals of Mohr's salt Volumetric Analysis: KMnO_4 -Oxalic acid Titration KMnO_4 -Mohr's salt Titration

MAY	Ch 5:Surface Chemistry Ch 6:General Principles and processes of isolation of elements Ch 7:p-block Elements	Salt Analysis
JUNE	Ch 7:p-block Elements (Conclude)	
JULY / AUGUST	Summer Vacation	
SEPT.	Ch 10:Haloalkanes and Haloarenes Ch 11:Alcohols, Phenols and Ethers	Salt Analysis
OCT.	Ch 12: Aldehydes, ketones and Carboxylic acids Ch 13: Amines Ch 8: d- and f-block Elements	Test for functional groups present in organic compound
NOV.	Ch 9: Coordination Compounds Ch 14: Biomolecules	To detect the presence of carbohydrates, fats and proreins in given food sample
DEC.	Ch 15: Polymers Ch 16:Chemistry in everyday life	
JAN.	Revision and Pre-board	

ECONOMICS

MONTH	TOPICS TO BE COMPLETED
MARCH	Unit 2: Money and Banking
APRIL	Unit 4: Government Budget and the Economy Unit 5: Balance of Payments
MAY	Unit 5: Balance of Payments
JUNE	Unit 3: Determination of Income and Employment
July & August	Summer Vacation
SEPT.	Unit 3: Determination of Income and Employment Unit 1: National Income and Related Aggregates
OCT.	Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:
NOV.	Unit 7: Current challenges facing Indian Economy
DEC.	Unit 7: Current challenges facing Indian Economy Unit 8: Development Experience of India
JAN.	Revision and Pre-board

ACCOUNTANCY

MONTH	TOPICS TO BE COMPLETED	PROJECT
MARCH	Unit 2. Accounting for Partnership Firms	
APRIL	Unit 2. Accounting for Partnership Firms	
MAY	Unit 1: Financial Statements of Not-for-Profit Organizations	
JUNE	Unit 2. Accounting for Partnership Firms	
JULY	Summer Vacation	
SEPT.	Unit 4. Analysis of Financial Statements	
OCT.	Unit 4. Analysis of Financial Statements Unit 5. Cash Flow Statement	
NOV.	Unit 5. Cash Flow Statement Unit 3. Accounting for Companies	
DEC.	Unit 3. Accounting for Companies	
JAN.	Revision and Pre-board	

BUSINESS STUDIES

MONTH	TOPICS TO BE COMPLETED
MARCH	UNIT-1 : NATURE AND SIGNIFICANCE OF MANAGEMENT UNIT-2: PRINCIPLES OF MANAGEMENT
APRIL	UNIT-3 BUSINESS ENVIRONMENT UNIT-9: FINANCIAL MANAGEMENT UNIT-10: FINANCIAL MARKET
MAY	UNIT -11: MARKETING MANAGEMENT
JUNE	UNIT -11: MARKETING MANAGEMENT (TO BE CONTINUED)
JULY / AUGUST	Summer Vacation
SEPT.	UNIT-4: PLANNING
OCT.	UNIT-5: ORGANISING UNIT-6 STAFFING UNIT-7 : DIRECTING
NOV.	UNIT-8: CONTROLLING UNIT: 12 CONSUMER PROTECTION
DEC.	UNIT: 12 CONSUMER PROTECTION (TO BE CONTINUED) REVISION
JAN.	Revision & Pre-board

INFORMATICS PRACTICES

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
MARCH	Unit 2: Database Query using SQL MySQL Review MySQL functions	
APRIL	Unit 2: Database Query using SQL (Cont.) Aggregate Functions, Group by, Having, Order by and Operations on Relations Unit 1: Data Handling using Pandas -I	
MAY	Unit 1: Data Handling using Pandas (Cont.)	
JUNE	Revision	
JULY / AUGUST	Summer Vacation	
SEP.	Unit 1: Data handling using Pandas – II	
OCT.	Unit 1: Data handling using Pandas – II (Cont.) Data Visualization	
NOV.	Unit 3: Introduction to Computer Networks	
DEC.	Unit 4: Societal Impacts Revision	
JAN.	Revision and Pre-board	

SAUDI ARABIAN CULTURE

MONTH	TOPICS TO BE COMPLETED
MARCH	Unit 7 -: L.1 – Identifying Flora and Fauna
APRIL	L.2 – Plant Life
MAY	L.3 – Animal Life
JUNE	Unit 7 -: L.1 – Identifying Flora and Fauna
JULY / AUGUST	Summer Vacation
SEP.	Unit 8 : L.1 – Ablution
OCT.	L.2 – Commencing Prayers (Iqamah)
NOV.	L.3 – The Prayer (salat)
DEC.	Revision
JAN.	Revision & Pre-board

COMPULSORY ARABIC

MONTH	TOPICS TO BE COMPLETED
MARCH	Unit : 11 سث حكايات لملك الغابة
APRIL	Unit 12: سالم و حصانة
MAY	Unit 13: الذهب و الحكمة
JUNE	Revision
JULY / AUGUST	Summer Vacation
SEP.	Unit 15: رحلات الفضاء
OCT.	Unit 19: دورة الحياة
NOV.	Unit 20: البطة التي تبيض ذهباً
DEC.	Revision
JAN.	Revision & Pre-board