



AL FALAH INTERNATIONAL SCHOOL
DPS JEDDAH



GRADE - XI

Annual Syllabi

Session **2020 - 2021**



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ENGLISH

MONTH	TOPICS TO BE COMPLETED	PRACTICAL
APRIL	<p>Reading: Note Making, Summary</p> <p>Hornbill: L1-The Portrait Of a Lady L2- We're Not Afraid to Die.. If We Can All Be Together L3- Discovering Tut: The Saga Continues</p> <p>P1- A Photograph P2- The Laburnum Top</p> <p>Snapshot:1-The Summer of the Beautiful White Horse 2- The Address</p> <p>Writing:, Classified & Display Advertisements, Poster Making, Letter to Editor</p> <p>Integrated Grammar Practice - Editing & Omission</p>	
MAY	<p>Hornbill: P3- The Voice of the Rain L4-Landscape of the Soul</p> <p>Snapshot: 3- Ranga's Marriage 4- Albert Einstein at School</p> <p>Advanced Writing Skills: Business Letters, Report Writing, Writing Invitations & Replies- Formal& Informal, Article Writing.</p>	
JUNE	<p>Grammar: Determiners, Tenses,</p>	
JULY / AUGUST	<p>Summer Vacation</p>	

SEPT.	ASL(Term-1) Hornbill: L5- The Ailing Planet: the Green Movement's Role P4- Childhood P5- Father to Son Grammar: Modals, Active & Passive Voice	
OCT.	Hornbill: L6- The Browning Version L7- The Adventure Snapshot: 5- Mother's Day 6- The Ghat of the Only World Advanced Writing Skills: Job application & CV	
NOV.	Hornbill: L8- Silk Road Snapshot: : 7- Birth 8- The Tale of the Melon City Grammar: Transformation of Sentences Speaking: JAM, Extempore, Impromptu	
DEC.	Advanced Writing Skills: Comprehension, Writing speeches & debates Listening Skills Practice ASL- Final Revision	
JAN.	Pre Board Exam	

MATHEMATICS

MONTH	TOPICS TO BE COMPLETED
APRIL	Ch - 1 Sets Ch – 2 Relations And Functions Ch – 3 Trigonometric Functions
MAY	Ch – 3 Trigonometric Functions(Contd...) Ch- 4 Principle of Mathematical Induction Ch - 5 Complex Numbers and Quadratic Equations
JUNE	Ch - 5 Complex Numbers and Quadratic Equations(Contd...)
JULY / AUGUST	Summer Vacation
SEPT.	Ch - 6 Linear Inequalities Ch -7 Permutations and Combinations
OCT.	Ch - 8 Binomial Theorem Ch - 9 Sequences and Series Ch- 10 Straight Lines
NOV.	Ch- 10 Straight Lines(Contd...) Ch- 11 Conic Sections Ch -12 Introduction to Three Dimensional Geometry
DEC.	Ch - 13 Limits and Derivatives Ch - 14 Mathematical Reasoning Ch -15 Statistics Ch -16 Probability
JAN.	Pre Board Exam

BIOLOGY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	Ch -8: Cell : The unit of Life Ch-10: Cell cycle and Cell Division Ch - 9 : Biomolecules Ch -11: Transport in Plants	1. Study of mitosis from permanent slides 2.To detect the presence of sugars, starch, proteins and fats in the given food substances
MAY	Ch – 12: Mineral Nutrition Ch – 13: Photosynthesis	3. Study of Plasmolysis and deplasmolysis in epidermal cells 4. Separation of leaf pigments using paper chromatography. 5. Study of osmosis using potato osmometer
June	Ch – 14: Respiration in plants. Ch – 15: Plant Growth and Development Ch – 1 : The Living world	6. Study and identification of prokaryotic organisms and plant specimens 7. Study and identification of Animal specimens
JULY / AUGUST	Summer Vacation	

SEPT.	<p>Ch – 2 : Biological Classification</p> <p>Ch – 3 : Plant Kingdom</p> <p>Ch – 4 : Animal Kingdom</p>	<p>8. Study and identification of prokaryotic organisms and plant specimens</p> <p>9. Study and identification of Animal specimens</p>
OCT.	<p>Ch – 4 : Animal Kingdom (concluded)</p> <p>Ch – 7 : Structural Organization in Animals.</p> <p>Ch – 5 : Morphology of Flowering plants</p> <p>Ch – 6: Anatomy of Flowering Plants</p>	<p>10. Identification of animal tissues</p> <p>11. Identification of plant tissues</p>
NOV.	<p>Ch– 16: Digestion & absorption.</p> <p>Ch – 17: Breathing & Respiration</p> <p>Ch – 18: Body Fluids & Circulation</p>	<p>12. Comparison of stem anatomy in monocots and dicots</p> <p>13. Study of human skeletal system and different types of joints</p>
DEC.	<p>Ch – 19: Excretory Products and their Elimination</p> <p>Ch– 20: Locomotion and Movement</p> <p>Ch – 21: Neural Control and Coordination</p> <p>Ch – 22: Chemical Coordination</p>	
JAN.		

PHYSICS

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	<p>Chapter 1: Physical world</p> <p>Chapter 2: Units and measurements</p> <p>Chapter 3: Motion in a straight line</p> <p>Chapter 4: Motion in a plane (Contd).</p>	<ul style="list-style-type: none"> • To measure diameter of a small spherical/cylindrical body using Vernier Callipers • To measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. • To measure diameter of a given wire using screw gauge. • To measure thickness of a given sheet using screw gauge • To determine volume of an irregular lamina using screw gauge. • To determine radius of curvature of a given spherical surface using spherometer.
MAY	<p>Chapter 4: Motion in a plane (concluded)</p> <p>Chapter 5: Laws of Motion</p>	<ul style="list-style-type: none"> • To find the weight of a given body using parallelogram of vectors. • To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction

		between a block and a horizontal surface.
JUNE	Chapter 6: Work energy and power	<ul style="list-style-type: none"> • To measure diameter of a small spherical/cylindrical body using Vernier Callipers • To measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume. • To measure diameter of a given wire using screw gauge. • To measure thickness of a given sheet using screw gauge • To determine volume of an irregular lamina using screw gauge. • To determine radius of curvature of a given spherical surface using spherometer.
JULY / AUGUST	Summer Vacation	
SEPT.	Chapter 6: Work energy and power (Concluded) Chapter 7: System of Particles and Rotational Motion	<ul style="list-style-type: none"> • Using a simple pendulum, plot its $L-T^2$ graph and use it to find the effective length of second's pendulum
OCT.	Chapter 8: Gravitation	<ul style="list-style-type: none"> • To find the force constant of a helical spring by plotting a

	<p>Chapter 9: Mechanical properties of solids</p> <p>Chapter 10: Mechanical properties of Fluids</p> <p>Chapter 11 : Thermal properties of matter</p>	<p>graph between load and extension.</p> <ul style="list-style-type: none"> • To study variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result. • To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. • To study the relationship between the temperature of a hot body and time by plotting a cooling curve
NOV.	<p>Chapter 11 : Thermal properties of matter(Concluded)</p> <p>Chapter 12: Thermodynamics</p> <p>Chapter 13: Kinetic theory of gases</p>	
DEC.	<p>Chapter 14: Oscillations</p> <p>Chapter 15: Waves</p>	<ul style="list-style-type: none"> • To study the relation between frequency and length of a given wire under constant tension using sonometer. • To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.
JAN	<p>Pre Board Practical</p>	

CHEMISTRY

MONTH	TOPICS TO BE COMPLETED	PRACTICALS
APRIL	Ch-1: Some basic Concepts of Chemistry Ch-2: Structure of Atom Ch-3: Classification of Elements and periodicity in properties	<ul style="list-style-type: none"> To prepare pure crystals of copper sulphate To prepare pure crystals of potash Alum
MAY	Ch-4: Chemical Bonding	<ul style="list-style-type: none"> Volumetric Analysis : NaOH-Oxalic acid titration
JUNE	Ch-4: Chemical Bonding (Contd) Ch-8: Redox Reactions	
JULY / AUGUST	Summer Vacation	
SEPT.	Ch-5: States of Matter Ch-6: Thermodynamics	Qualitative Analysis: Anions and Cations $\text{CuSO}_4, \text{NH}_4\text{CO}_3,$
OCT.	Ch-7: Chemical Equilibrium Ch-12: Organic Chemistry Ch-13: Hydrocarbon	Qualitative Analysis: Anions and Cations $(\text{CH}_3\text{COO})_2\text{Pb},$ $\text{MgSO}_4,$
NOV.	Ch-9: Hydrogen Ch-10: S-Block Elements Ch-11: P-Block Elements	Qualitative Analysis: Anions and Cations $\text{ZnCl}_2, \text{Al}(\text{NO}_3)_3,$
DEC.	Ch-11: P-Block Elements (Contd) Ch-14: Environmental Chemistry	
JAN.	Pre Board Practical	

ECONOMICS

MONTH	TOPICS TO BE COMPLETED
APRIL	Unit 5: Consumer's Equilibrium and Demand (Introductory Microeconomics) Unit 3: Statistical Tools and Interpretation (Statistics for Economics)
MAY	Unit 3: Statistical Tools and Interpretation (Statistics for Economics)
JUNE	Unit 3: Statistical Tools and Interpretation (Statistics for Economics)
JULY / AUGUST	Summer Vacation
SEPT.	Unit 3: Statistical Tools and Interpretation (Statistics for Economics)
OCT.	Unit 3: Statistical Tools and Interpretation (Statistics for Economics)
NOV.	Unit 3: Statistical Tools and Interpretation (Statistics for Economics) Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications (Introductory Microeconomics)
DEC.	Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications (Introductory Microeconomics)
JAN.	Pre Board Practical:

ACCOUNTANCY

MONTH	TOPICS TO BE COMPLETED
APRIL	Unit-1: Theoretical Framework Unit-2: Accounting Process
MAY	Unit-2: Accounting Process (contd.)
JUNE	Unit-2: Accounting Process (contd.)
JULY / AUGUST	Summer Vacation
SEPT.	Unit-2: Accounting Process (contd.)
OCT.	Unit-2: Accounting Process Unit 3: Financial Statements of Sole Proprietorship
NOV.	Unit 3: Financial Statements of Sole Proprietorship
DEC.	Unit 4: Computers in Accounting
JAN.	Revision & Pre Board

BUSINESS STUDIES

MONTH	TOPICS TO BE COMPLETED
APRIL	UNIT-1: NATURE AND PURPOSE OF BUSINESS UNIT-2: FORMS OF BUSINESS ORGANISATION
MAY	UNIT-3: PUBLIC, PRIVATE AND GLOBAL ENTERPRISES
JUNE	UNIT-4: BUSINESS SERVICES

JULY / AUGUST	Summer Vacation
SEPT.	UNIT-5: EMERGING MODES OF BUSINESS
OCT.	UNIT-6: SOCIAL RESPONSIBILITY OF BUSINESS AND BUSINESS ETHICS UNIT: 7- SOURCES OF BUSINESS FINANCE UNIT -8: SMALL BUSINESS
NOV.	UNIT -9: INTERNAL TRADE UNIT-10: INTERNATIONAL BUSINESS
DEC.	UNIT -10: INTERNATIONAL BUSINESS TO BE CONTINUED
JAN.	REVISION REVISION PRE BOARD PRACTICAL PRE BOARD EXAM

INFORMATICS PRACTICES

MONTH	TOPICS TO BE COMPLETED	PRACTICAL S
APRIL	Chapter 3 - Brief overview of Python Chapter 4 - Working with Lists & Dictionaries	
MAY	Chapter 4 - Working with Lists & Dictionaries (Contd..) Chapter 1 – Computer System	
JUNE	Revision	
JULY / AUGUST	Summer Vacation	

SEP.	Chapter 2 - Emerging Trends Chapter 5 - Understanding Data	
OCT.	Chapter 6 - Introduction To NumPY Chapter 7 - Database Concepts	
NOV.	Chapter 8 - Introduction To Structured Query Language(SQL)	
DEC.	Revision	
JAN.	Pre Board Practical Pre Board Exam	

COMPULSORY ARABIC

MONTH	TOPICS TO BE COMPLETED
APRIL	U1: في سبيل الله U2: جحا القاضي
MAY	U3: لمن الهدية
JUNE	Revision
JULY / AUGUST	Summer Vacation
SEPT.	U5: الدنانير الذهبية
OCT.	U6: هذا من فضل الله
NOV.	U7: صوم رمضان
DEC.	U8: دعاء الأم Revision
JAN.	Revision & Pre-board

ISLAMIC STUDIES

MONTH	TOPICS TO BE COMPLETED
APRIL	Unit 1: Islamic (Al-Aqidah) (Islamic Creed): L1: The meaning and importance of Aqidah. L2: The knowledge of Aqidah. L3: The preservation of Aqidah L4: The Tawhid (Monotheism) L5: Categories of Tawhid
MAY	Unit 2: Shirk (Polytheism) and Bidah (Innovation): L1: Shirk (Polytheism) L2: The conflicts between Tawhid and Shirk. L3: Bida’ah its categories and status in Islam. L4: The Emergence of Bida’ah among Muslims. L5: Some Examples of Bida’ah Today.
JUNE	Unit3: Worship: (Ibadah): L1: The Meaning and Importance of Ibadah L2: The Forms of Ibadah. L3: The Concept of Ibadah
JULY / AUGUST	Summer Vacation
SEPT.	Unit 4: The Noble Quran: L1: SurahAl-Fatihah (Translation and Explanation) L2: SurahAl-Ikhlash (Translation and Explanation) L3: SurahAl-kafirun (Translation and Explanation)
OCT.	Unit 4: The Noble Quran: contd... L4: SurahAl-Falaq (Translation and Explanation) L5: SurahAl-Nas (Translation and Explanation)
NOV.	Unit 5: Hadith : L1: The importance of Intention. L2: Innovation in Religion. L3: Refining the Soul L4: One’s Relationship with Allah. L5: Faith is Love of Obedience.
DEC.	Revision
JAN.	Revision & Pre Board