

IFS

HIGH SCHOOL CURRICULUM MAPPING: GRADE 10

COURSE	Week 1 8/26 - 8/30	2-Sep	Week 2 9/3 - 9/6	Week 3 9/9 - 9/13	Week 4 9/16 - 9/20	Week 5 9/23 - 9/27	Week 6 9/30 - 10/04	Week 7 10/7 - 10/11	10/14 - 10/18	Week 8 10/21 - 10/25	Week 9 10/28 - 11/1		
ALGEBRA II	Introduction to Course	LABOR DAY	Tools of Algebra, Basic Skills, Linear Inequalities		Functions, Equations and Graphs, Linear Functions							Systems of Equations, Inequalities, Matrices	
BIOLOGY	Introduction to Course		Bioethics and Bio-chemistry	Biochemistry Introduction	Bioenergetics		Digestive System	Cell Membrane & Transport		Respiratory System	Urinary System		
CHEMISTRY	Introduction to Course		Lab Safety, Unit 1: introduction, elements, atoms and ions.			Unit 2: Foundations, nomenclature and measurements, calculations.						Unit 3; chemical reactions, chemical names	
U.S. HISTORY	Introduction to Course		Beginnings (pre 1800's)	Creating a New Nation (1763 - 1815)		Constitution Test Prep. Growth and Change (1815 - 1860)						War (1845 - 1900)	
WORLD LITERATURE	Introduction to Course		Women in the World										
WORLD HISTORY	Introduction to Course		European Renaissance	Reformation 1300-1600	The Muslim World Expands (1300-1700)		Age of Exploration	The Atlantic World		Absolute Monarchs in Europe 1500-1800			
ARABIC	Introduction to Course		,Describing activities in the past يوميّات طالب عربي في أمريكا the - بل-بعد-أظنُّ أنّ- قال إنّ-كان - (1-3)stories of nuh's ship number				The four season, describing the weather, partitive nouns, and temprature scales				The stories of prophet Nuh's ship number(5-7)		
ISLAMIC STUDIES	Introduction to Course		Hadith of Jibrail	Fundamen-tals of Islam	Categories of Tawheed	Allah's Qadr and Qada	Qadr and Qada	Prophets & Prophet-hood		The Speech of Allah	Stories of Prophets		
COMPUTER	Introduction to Course		Basic Blender Interface	Adding Mesh Objects in Edit Mode	Naming Objects	Deleting Objects	Undo, Redo	Blender Layers		Camera View Duplication	Parenting Objects		
PHYSICAL EDUCATION	Introduction to Course		Boys: Football Girls: Soccer					B: Soccer G: Football		Boys: Soccer Girls: Football			

EID BREAK

IFS

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COURSE	Week 10 11/4 - 11/8	Week 11 11/11 - 11/15	Week 12 11/18 - 11/22	Week 13 11/25 - 11/27	11/27 - 11/28	Week 14 12/2 - 12/6	Week 15 12/9 - 12/13	Week 16 12/16 - 12/20	12/20 - 1/3	Week 17 1/6 - 1/10	Week 18 1/13 - 1/17	
ALGEBRA II	Systems of Equations, Inequalities, Matrices		Quadratic Equations & Functions, Factorization, Graphing Quadratic Functions		THANKSGIVING BREAK	Quadratic Equations & Functions, Factorization, Graphing Quadratic Functions			WINTER BREAK	Quadratic Equations Continued		Review for Finals
BIOLOGY	Photosynthesis		The Cell: Homeostasis and Development			The Cell: Homeostasis and Development				Animal Growth		
CHEMISTRY	Chemical composition, types of reactions, reactions in aqueous solutions					Reactions in Aqueous solutions	Unit 4; stoich- iometry	MOI/ and MOI relationships		Mass/MOI calcs w/reactions	Limiting reactions % yield	
U.S. HISTORY	The Nation Reformed (1860 - 1910)			A World Power		A World Power	The Jungle	Prosperity and C		Prosperity and Crisis (1919-1945)	Review for Finals	
WORLD LITERATURE	Politics and War					Politics and War				Politics and War	Review for Finals	
WORLD HISTORY	Enlightenment and Revolution 1550-1789. The French and Napoleon Revolution 1789-1815					Nationalist Revolution Sweeps the West 1789-1900				The Industrial Revolution 1700-1900, An Age of Democracy and Progress		
ARABIC	Describing daily activities, using more partitive nouns, negating imperatives, weak verbs, using لَأَنَّ , oath with و , the stories of prophet Nuh's ship number(8-11)					يوميات مايكل براون و يوميات عدنان مارتيني: using				the stories of Nuh's ship number(12-18)		
ISLAMIC STUDIES	Ruyah	Isra and Miraj	The Intercession	The Pen and the Tablet		Arsh and Kursi Status of Prophet		Books of Allah		Iman and What it Entails	Prayer Behind the Virtuous and Sinfule	
COMPUTER	Joining Objects	Separating Object	Subdivision, Surface Modifier	Bezier Curves		Character Sculpting and Particles				Animation 101	Graphic Editor	
PHYSICAL EDUCATION	Boys: Volleyball Girls: Badminton					Boys: Basketball Girls: Basketball				Boys: Basketball Girls: Basketball		

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COURSE	Week 19* 1/20 - 1/24	Week 20 1/27 - 1/31	Week 21 2/3 - 2/7	Week 22* 2/10 - 2/14	Week 23 2/17 - 2/21	Week 24 2/24 - 2/28	Week 25 3/3 - 3/7	Week 26 3/10 - 3/14	Week 27 3/17 - 3/21	3/24 - 3/28	Week 28 3/31 - 4/4		
ALGEBRA II	Finals	Polynomials and Factorization, Quadratic, Cubic and Higher Order Equations						Radical Functions and Operations on Rational, Solving Radical Equations		SPRING BREAK	Radical Functions Continued		
BIOLOGY	Finals	Plant Growth	Heredity									Molecular Genetics	
CHEMISTRY	Finals	Unit 5; thermo-dynamics, energy			Gibbs, free energy	Spontaneous vs nonspontaneous reactions		Unit 6: Bonding and structure, electron configuration			VSEPR model		
U.S. HISTORY	Finals	Prosperity and Crisis (1919-1945)		Hiroshima			Post War America (1945 - 1975)				Post War America (1945 - 1975)		
WORLD LITERATURE	Finals	Race and Religion										Race and Religion	
WORLD HISTORY	Finals	The Age of Imperialism 1850-1994	Transformation Around the Globe 1800-1914		The Great War 1914-1918		Years of Crisis 1919-1939		World War II 1939-1945		World War II 1939-1945		
ARABIC	Finals	the cases of the nouns:علامت الإعراب الأصلية والفرعية في الإسم- the stories of Nuh's ship number(19-22).			lesson:15 national and religious festivities- providing personal information- the five nouns-diptotes-passive verbs- the verb صار -- the stories of Nuh's ship number(19-22).							stories of the storm العاصفة number (4-6))	
ISLAMIC STUDIES	Finals	Obedience to Rulers	Wiping over Socks	The Grave & After Life	Actions of Obedience	Com-panions of the Prophets	Major Signs of Day of Judgement		Diviners		Purification of the Heart		
COMPUTER	Finals	Bones and Structuring	Making a Video				Camera Path Fly Around	Color Animation	Rendering a Video		Modifiers Array Mod.		
PHYSICAL EDUCATION	Boys: Basketball Girls: Basketball	Boys: Badminton Girls: Volleyball					Boys: Floor Hockey Girls: Aerobic Fitness (Rhythm)				B: Floor Hoc. G: Aero. Fit.		

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COURSE	Week 29 4/7 - 4/11	Week 30 4/14 - 4/18	Week 31 4/21 - 4/25	Week 32 4/28 - 5/2	Week 33 5/5 - 5/9	Week 34 5/12 - 5/16	Week 35 5/19 - 5/23	Week 36* 5/26 - 5/30	Week 37 6/2 - 6/6
ALGEBRA II	Rational Exponents and Expressions			Logarithms and Exponential Functions, Operations on Logs and Exponential Functions			Review for Finals	Finals	
BIOLOGY	Heredity; Popula	Evolution Overview	Responding to Environment, Nervous System, Behavior		Interactions and Independence		Review for Finals	Finals	
CHEMISTRY	Modern Atomic Theory	Unit 6; States, gases, liquids, solids, solutions		Acids/Bases		Unit 7: Equilibrium; rates, Le Chatelier's Principle	Review for Finals	Finals	
U.S. HISTORY	Modern Times 1970 - Present					Book Review		Review for Finals	Finals
WORLD LITERATURE	Science, Technology and the Environment							Review for Finals	Finals
WORLD HISTORY	Restructuring the Post War World 1945 - Present		The Colonies Become New Nations 1945 - Present		Struggles for Democracy 1945 - Present		Global Interdepen-dence 1960-present , review for finals		Finals
ARABIC	Lesson17: عيد الفطر وعامٌ دراسيٌّ جديد: using: كل-مرة-مرتين-ماعدًا , learn المضارع المجزوم -and- الفعل المضارع المجزوم the weak verbs- negat with لم - learn about اسم الفاعل و اسم المفعول		stories of the storm العاصفة number (7-10)		lesson18:describing floor plans, house fixtures, and furniture- describe neighborhood businesses and their location- Express intention using أريد أن .the noun of instrument- adverb of place			Review for Finals	Finals
ISLAMIC STUDIES	Adab and Hayaa	Miserliness, Inequity	Hatred, Envy	Blameworthy, Modesty	Ostentation, Seeking Reputation	Foreboding Assumptions, Fraud, Anger	Negative Thoughts	Arrogance, Displeasure w/ Blame	Finals
COMPUTER	Mirror Modifier, Screw Modifier, Cave Project				Multiple Cameras	Blender Groups	Cutting a Hole in a Surface	Final Videos	Finals
PHYSICAL EDUCATION	Boys: Aerobic Fitness (Rhythm) Floor Hockey			Girls:	Boys: Softball Girls: Ultimate Freesbie				Finals