

IFS
HIGH SCHOOL CURRICULUM MAPPING: GRADE 11

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			
PRE-CALCULUS	Introduction to Course	EID BREAK	Review of Alg. II	Functions and Graphs		Polynomials, Quadratics	Polynomials, Complex Numbers			Rational Functions	Exponential Functions			
AP U.S. HISTORY	Introduction to Course		Three Worlds Collide	Colonial America, Revolution, Birth of a Nation								Role Play Tea Party	New Republic	
AP CALCULUS	Introduction to Course		Review of Prerequisites, Limits and Continuity		Derivative of a Function	Rules of Differentiation	Derivatives of Trig. Functions	Implicit Differentiation		Derivatives of Exponent. & Log.	Extreme Values of Functions			
AP BIOLOGY	Introduction to Course		Plant Form & Function, Anatomy		Plant Form & Function, Physiology		Plant Form & Function, Reproduction			Animal Form and Function, Body Plan, Digestion				
AP CHEMISTRY	Introduction to Course		Measurement, Matter, Molecules and Formula Units		Matter, Atoms, Molecules, Ions	Stoichiometry & Heat or Reactions			Stoichio-metry & Heat or Reaction		Atomic Structure & Periodicity			
AP PSYCHOLOGY	Introduction to Course		Approaches to Psychology		Research Methods, Survey Project			Psycho. Biology		Psycho. Biology				
AP LANGUAGE	Introduction to Course		Rhetoric and Categories	A Room of Her Own	Intro. To 19th English/European Culture, Devices of Appeals		Rhetoric Devices	Everlasting Yea		Importance of Being Earnest	Importance of Being Earnest			
ART 102	Introduction to Course		Undertand Elements	Shading Chart	Shading and Volume	Cone Shading	Pyramid Shading	Cylinder Shading		Describe the Elements of Color				
SOCIOLOGY	Introduction to Course		Research Methods, Survey Project		Culture and Cutlure Project								Social Structure and Society	
ARABIC LEVEL4	Introduction to Course													
QURANIC STUDIES	Introduction to Course		The Hadith of Jibrail	Compilation of the Quran	Wahi, the Paradigm	Surah Al-Fatiha	Surah Al-Hujarat, Social Etiquettes			Surah Al-Nur				
ISLAMIC STUDIES	Introduction to Course		Hadith of Jibrail	Zakat Intro.	Conditions of Zakat	Recipients, Debts	Fasting	Moon-Sighting		Hajj, Virtues	Umrah Steps			
COMPUTERS 102	Introduction to Course	Basics of Installing	Printing Multiple Values, Concatenating Strings		Mathematical Operators	Converting Strings to Integers, Random Numbers			Elif Clause	While Loops & Infinite #s				
PHYSICAL EDUCATION	Introduction to Course	Boys: Football Girls: Soccer					B: Soccer G: Football		Boys: Soccer Girls: Football					

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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 - 12/9	Week 16 12/16 - 12/20	12/20 - 1/3	Week 17 1/6 - 1/10	Week 18 1/13 - 1/17	
PRE-CALCULUS	Solving Log and Exp.	Trigonometry, The Unit Circle		Graphs of Sine and Cosine	Thanksgiving Break	Inverse	Trigonometric Identities		Winter Break	Analytic Trigonometric, Solving, Trig.		
AP U.S. HISTORY	Chapters 8 - 10					Chapters 8 - 10	Chapters 11 - 12			Conflict, Succession and War. Chapters 13-15		
AP CALCULUS	Connecting f' with f' with graph of f	Linear-ization	Definite Integral; Final sums	Definite Integrals		The Anti-derivative	Theorem of Calculus, Trapezoidal Rule			Anti-derivative Rule	Integration by Substitution	
AP BIOLOGY	Animals; Immune System		Animals; Nervous System, Behavior			Cells and Kinds of Cells, Photosynthesis		Genetics, Cell Cycle		Genetics, Cell Cycle, Meiosis, Replication		
AP CHEMISTRY	Atomic Structure and Periodicity, Periodic Trends, Quantum Theory			Bonding		Molecular Geometry, VSEPR Model, Organic Chemistry		States of Matter		Solids, Liquids, Gases, Stoichiometry		
AP PSYCHOLOGY	Psycho. Biology Cont.	Sensation and Perception				Learning		Memory		Cognition and Language		
AP LANGUAGE	Dorian Gray	Dorian Gray	How the French Boy Learns to Write			The Bible and Literature 4th Essay Question				AP Multiple Choice Test	Intro. To Alexander Pope	
ART	Prim. & Sec. Colors	Colorful Volume	Balance w/Triangle	Abstract Art		Balance with Square	Triangle Square	Basic Graphic		Elements for Graphic	Analyze Colors	
SOCIOLOGY	Social Structures					Group Form Organizations		Deviance and Social Control		Deviance and Social Control		
ARABIC												
QURANIC STUDIES	Surah Al-Nur		Surah Al-Nur			Surah Al-Nur	in the Quran			Wives of Nuh, Lut	Asiyah	
ISLAMIC STUDIES	Steps of Hajj	Fidya & Jinayat	Sites during Hajj	Udhiyya, Dhabaih		Birr al-Waliday	Birr in Speech	Birr of the Body		Birr of Wealth	Conflicting Orders	
COMPUTERS 102	True or False	Tweaking Algorithms for Loops		Len Function		Building a New String	Tuples	Concaten-ating Tuples		Tuples VS Lists	Different Functions	
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		
PRE-CALCULUS	Laws of Sine and Cosine	Vectors	Systems of Equations, Partial Fractions		Matrices		Determinants		Arithmetic and Geometric Sequences		Spring Break	Arith. and Geo. Sequences	
AP U.S. HISTORY	Reconstruction And Transformation Chapters 16-19 and Finals				Pop Culture to Progressionism, Chapters 20-22		WWI, 1920's, The Great Depression, Chapters 23-26					The Great Depression	
AP CALCULUS	Finals	Differential Equations	Modeling Pop. Growth	Math Modeling	Integral as Net Change	Areas in the Plane	Definite Integrals Volume	Science & Statistics	Review for AP			Review for AP	
AP BIOLOGY	Finals	Genetics (cont.) Protein Synthesis, Mechanisms of Inheritance, Biotechnology				Evolution	Diversity, Taxonomy, Evolution		Ecology, Species Interaction			Practice Big Idea	
AP CHEMISTRY	Finals	Equilibrium, Acids/Bases, Le Chatliers Principle				Thermodynamics and Electrochemistry, Gibbs Free Energy, Redox Reactions						Kinetics	
AP PSYCHOLOGY	Finals	States & Consciousness	Motivation and Emotion	Human Development		Personality and Social Psychology		AP Review		AP Review			
AP LANGUAGE	Finals	Mock AP Exam	Planet of the Year	Letter from Birmingham Jail	Autobiography Malcolm X		Autobiography Benjamin Franklin		Autobiography Winston Churchill			Summary Somerset Maugham	
ART	Finals	Perspective/Horizon Vanishing Point			Geometric Islamic Design			Wallpaper with Islamic Design				Value Contrast	
SOCIOLOGY	Finals	Chapter 8		Inequalities Race and Ethnicity			Inequalities, Gender and Age					Family	
ARABIC													
QURANIC STUDIES	Finals												
ISLAMIC STUDIES	Finals	Obeying Parents	Birr After Death of Parent	Uqaq al-Walidayn									
COMPUTERS 102	Finals	Global Variables & Constants, Looping		Writing to a File	Functions	Intro. To OOP	Attributes	Static Methods	Objects Privacy			Creating Properties	
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
PRE-CALCULUS	Counting Principles, Binomial, Probability		Comics		Parametric Equations 3-Dimensional Systems		Vectors		Finals' Week
AP U.S. HISTORY	AP Review, WWII - Cold War, Chapters 27 - 32			Review for AP	Review for AP	AP Exam			Finals' Week
AP CALCULUS	Review for AP	Review for AP	Review for AP	Review for AP	Review for AP	AP Exam			Finals' Week
AP BIOLOGY	Review for AP	Review for AP	Review for AP	Review for AP	Review for AP	AP Exam			Finals' Week
AP CHEMISTRY	Review for AP	Review for AP	Review for AP	Review for AP	Review for AP	AP Exam			Finals' Week
AP PSYCHOLOGY	Review for AP	Review for AP	Review for AP	Review for AP	Review for AP	AP Exam			Finals' Week
AP LANGUAGE	Literature & Sciences	Science and Culture	Federalist Paper	Socrates Apology	Obligation to Endure	Practice AP Written Exam	Final Exam Review	Final Exam Review	Finals' Week
ART	Starting and Making a Collage		Abstract Art	Shading for Flowers	Making a Shadow and Shading for Paper Fold		3-Dimensional Art		Finals' Week
SOCIOLOGY	Family	Education		Political and Economic Institutions	Religions, Man and the Universe, Review for Finals				Finals' Week
ARABIC									Finals' Week
QURANIC STUDIES									Finals' Week
ISLAMIC STUDIES									Finals' Week
COMPUTERS 102	Send & Receive Mess.	Inheritance to Create New Classes, Polymorphism, GUI		Labels & Buttons	Widgets	Livewires	Sprites	Final Videos	
PHYSICAL EDUCATION	Boys: Aerobic Fitness (Rhythm) Girls: Floor Hockey				Boys: Softball Girls: Ultimate Freesbie				Finals' Week