

6TH GRADE - YEAR AT A GLANCE

	AUGUST & SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
LITERATURE <small>*Include 1-2 poems each month</small>	Classical Mythology	Children's Homer	Children's Homer Prince and the Pauper	Prince and the Pauper	Scarlet Pimpernel	Scarlet Pimpernel	Count of Monte Cristo	Count of Monte Cristo	Count of Monte Cristo
GRAMMAR Well-Ordered Language 4A & 4B	Principal Elements, Adverbs & Adjectives Predicate Verbs, Predicate Nominatives, and Predicate Adjectives	Prepositional Phrases Personal Pronouns	Indirect Objects Interrogative Pronouns and Interrogative Adverbs	Relative Clauses with Relative Pronouns and Relative Adverbs Appositives	Reflexive Pronouns & Intensive Pronouns	Adverbial Causes & Phrases Indefinite Pronouns	Participial Phrases Gerund Phrases	Infinitive Phrases Verbal Phrase Review	Noun Clauses
COMPOSITION	Parts of an Essay	Informative Essay	Informative Essay	Informative Essay	Narrative Essay	Narrative Essay	Persuasive Essay	Persuasive Essay	Review and Remediation
HISTORY & GEOGRAPHY	Deserts Judaism & Christianity	Ancient Greece	Ancient Rome	Ancient Rome Enlightenment	French Revolution	Romanticism Industrialism	Capitalism & Socialism	Immigration Industrialization & Urbanization	Reformers Latin America
MATH Dimensions 6A & 6B	Chapters 1-2 Begin 6A	Chapters 2-3	Chapters 4-5	Chapters 6-7	Chapter 8 Begin 6B	Chapters 11-12	Chapters 12-13	Chapter 9	Chapter 10
SCIENCE	Plate Tectonics Alfred Wegener	Energy Marie Curie	Heat & Heat Transfer	Energy Transfer Lewis Latimer James P. Joule	Astronomy Isaac Newton	Human Body: Circulatory & Lymphatic Systems	Immune System & Diseases Alexander Fleming	Oceans	Oceans
ART	Classical	Gothic	Renaissance	Baroque	Rococo	Neoclassical	Romantic	Realism	
MUSIC	Orchestra Elements	Elements	Baroque Vivaldi	Handel & Bach	Classical: Haydn & Mozart	Classical: Rossini Beethoven	Early Romantic: Schubert Beethoven	Schubert	Notation & Theory
LATIN Wheeler's	Introduction Chapter 1	Chapter 1	Chapter 2	Chapter 3	Chapter 4	Chapter 5	Chapter 6	Chapter 7	Chapter 8

7TH GRADE - YEAR AT A GLANCE

	AUGUST & SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
LITERATURE	Fahrenheit 451	Fahrenheit 451 Cyrano de Bergerac	Cyrano de Bergerac Christmas Carol	Christmas Carol	Call of the Wild	Call of the Wild	Romeo & Juliet	Romeo & Juliet Short Stories	Dr. Jekyll & Mr. Hyde
GRAMMAR <i>Get Smart</i>	Principal Elements of the Sentence Lessons 1-4	Pronouns Adjectives Lessons 5-8	Adverbs Prepositional Phrases Transitive Verbs Lessons 9-12	Coordinating Conjunctions Lessons 13-17	Indirect Objects Intransitive Verbs Passive Verbs Lessons 18-21	Linking Verbs Noun Jobs Clauses Lessons 22-26	Clauses Lessons 27-30	Gerunds Participles Lessons 31-34	Infinitives Review Lessons 35-37
HISTORY & GEOGRAPHY	Exploration and Colonization	American Revolution	U.S. Constitution	U.S. Constitution	Early Republic	Antebellum Era	Abraham Lincoln	Civil War	Civil War and Reconstruction
MATH <i>Dimensions 7A & 7B</i>	Chapters 1-2 Begin 7A	Chapters 3-4	Chapters 5-6	Chapters 7-8	Chapters 9-10 Begin 7B	Chapters 11-12	Chapters 13-14	Chapters 15-16	Chapter 17 and Review
SCIENCE	Review Scientific Method Atomic Structure Niels Bohr Dmitri Mendeleev	Atomic Structure Antoine Lavoisier	Chemical Bonds and Reactions Lise Meitner	Chemical Bonds and Reactions	Chemistry of Food and Respiration	Chemistry of Food and Respiration Dorothy Hodgkin	Cell Division and Genetics	Cell Division and Genetics Gregor Mendel History of Earth and Life Forms	Evolution Charles Darwin
ART	Impressionism	Impressionism	Post-Impressionism	Post-Impressionism	Art Nouveau	Expressionism & Abstraction	Expressionism & Abstraction	Modern American Painting	Modern American Painting
MUSIC	Elements: Orchestra	Elements: Orchestra	Beethoven Pagagini Chopin	Romantic: Schuman Brahms & Liszt	Romantic: Berlioz Vergi	Romantic: Wagner	Nationalism: Grieg & Tchaikovsky Dvorak	Blues & Jazz Ragtime	Jazz & Fusion
LATIN <i>Wheeler's</i>	Review	Chapter 9	Chapter 10	Chapter 11	Chapter 12	Chapter 13	Chapter 14	Chapters 15-16	Chapter 17

8TH GRADE - YEAR AT A GLANCE

	AUGUST & SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
LITERATURE	To Kill a Mockingbird	To Kill a Mockingbird	Lord of the Flies	Lord of the Flies	Robinson Crusoe	Robinson Crusoe	Short Stories Much Ado About Nothing	Much Ado About Nothing	Poetry
GRAMMAR <i>Stay Smart</i>	Review: Parts of Speech Phrases	Review: Clauses Verbals	Diagramming Sentences 1-27	Diagramming Sentences 28-55	Diagramming Sentences 56-83	Diagramming Sentences 84-111	Diagramming Sentences 112-139	Diagramming Sentences 140-167	Diagramming Sentences 168-188
HISTORY & GEOGRAPHY	The Gilded Age Progressivism Toward the Great War	World War I The Roaring Twenties	The Great Depression Rise of Totalitarianism World War II	World War II	The Start of the Cold War	Cultural changes and Activism The 1960s	The 1960s The 1970s	The 1980s The 1990s	The 2000s The 2010s
MATH <i>Weeks & Adkins</i>	Chapters 1-2	Chapters 3-4	Chapters 5-6	Chapter 7	Chapter 8	Chapter 9-10	Chapters 11-12	Chapters 13-14	Review
SCIENCE	Review scientific method and metric system Motion	Forces	Density and Buoyancy	Work, Energy, Power Albert Einstein	Work, Energy, Power Sound	Sound Electromagnetic Radiation and Light	Light Charles Steinmetz	Electricity Nikola Tesla Benjamin Franklin	Magnetism James Maxwell
ART	Painting since WWII	Painting since WWII	Photography	Photography	20th Century Sculpture	20th Century Sculpture	Architecture since the Industrial Revolution	Architecture since the Industrial Revolution	Review
MUSIC	Music Theory Review: Rhythm & Melody Orchestra	Nationalism: Sibelius & Bartok	Nationalism: Rodrigo & Ravel	Nationalism: Vaughn Williams Copland	Moderns: Debussy & Stravinsky	Musical Theater: Gilbert & Sullivan Vaudeville Revues	Musical Theater: Gershwin, Berlin, Cohan	Musical Theater: Porter, Kern Rogers & Hammerstein	Musical Theater: Bernstein & Sondheim
LATIN <i>Whealock's</i>	Review Chapter 18	Chapters 19-20	Chapter 21	Chapter 22	Chapter 23	Chapter 24	Chapter 25	Chapter 26	Chapter 27

9TH GRADE OVERVIEW

NEWER SCHOOLS: COMPOSITION	481	15. Areas & Volumes	508
1. Grammar Review	481	16. Using Coordinates in Geometry	508
2. Writing and Editing Process	481	17. Geometry of the Circle	508
		18. Measurements in a Circle	509
		19. Geometry on the Surface of a Sphere	509
ESTABLISHED SCHOOLS: FORMAL LOGIC	483		
1. Introduction to Formal Logic	483		
2. Advanced Formal Logic	483		
RHETORIC	487		
1. Areas of Concentration	487		
2. Suggested Speeches	488		
ANCIENT LITERATURE	491		
HISTORY: ANCIENT WORLD TO A.D. 500	493		
1. Mesopotamia & the Mediterranean	495		
2. The Hebrews	495		
3. Archaic Greece	496		
4. Persian Wars	496		
5. Classical Greece	497		
6. Peloponnesian War	497		
7. Greek Philosophy	498		
8. Alexander the Great & Rise of Macedon	498		
9. The Hellenistic Period	499		
10. Roman Regal Period	499		
11. Roman Republic	500		
12. Roman Civil Wars	500		
13. Christianity & the Early Church	501		
14. Roman Empire	501		
15. Crisis & Division in Rome	502		
16. Constantine & Christian Rome	502		
MATHEMATICS - GEOMETRY	505		
1. Basic Ideas of Geometry	505		
2. Lines & Angles as Numerical Quantities	505		
3. Proof	505		
4. Triangles	506		
5. Constructions	506		
6. Perpendicular Lines & Planes	506		
7. Parallel Lines	506		
8. Polygons & Angle Relationships	506		
9. Quadrilaterals	507		
10. Parallel Lines & Planes	507		
11. Further Study of the Triangle	507		
12. Inequalities	507		
13. Ratio & Proportion	507		
14. Similar Figures	508		
		SCIENCE - BIOLOGY	511
		1. Scientific Method & the Science of Biology	511
		2. Cell Structure & Function	511
		3. Genetics	512
		4. Evolution and Classification	512
		5. Microorganisms, Fungi, Plants	512
		6. Animals	513
		7. Human Body	514
		8. Ecology	514
		PHYSICAL EDUCATION	517
		1. Outline of Topics	517
		LATIN III	519
		1. Review from Latin II	519
		2. Unit XXVIII	520
		3. Unit XXIX	520
		4. Unit XXX	520
		5. Unit XXXI	520
		6. Unit XXXII	520
		7. Unit XXXIII	521
		8. Unit XXXIV	521
		9. Eclectic Concepts	521

10TH GRADE OVERVIEW

BRITISH LITERATURE	527	13. Polynomials	548
		14. Equations of the Second Degree; Circles	548
		15. Sequences & Series	548
HISTORY: EUROPE 500-1815	529	SCIENCE - CHEMISTRY	551
1. Early Middle Ages: c. 500-1000	531	1. Review of Basic Chemistry Terms	551
2. High Middle Ages: c. 1000-1300	532	2. Review of Measurements & Calculations	551
3. Late Middle Ages: c. 1300-1450	532	3. Atoms	551
4. The Renaissance	533	4. Atomic Models & Electron Configuration	551
5. The Reformation	534	5. The Periodic Law	551
6. Age of Exploration	535	6. States of Matter	552
7. Late 16th Century	535	7. Gases	552
8. The Scientific Revolution	535	8. Solutions	552
9. 17th Century	535	9. Acids & Bases	552
10. The Enlightenment in Thought	536	10. Reaction Energy	552
11. 18th Century	537	11. Reaction Kinetics	552
12. The French Revolution	537	12. Chemical Equilibrium	552
13. Napoleon	538	13. Oxidation-Reduction Reactions	553
		14. Electrochemistry	553
INTRODUCTION TO MORAL PHILOSOPHY	541	ELECTIVE: FOREIGN LANGUAGE	554
1. Koestler's <i>Darkness at Noon</i>	541		
2. Orwell's <i>1984</i>	541		
3. Huxley's <i>Brave New World</i>	541	ELECTIVE: LATIN IV	556
4. Swift's <i>Gulliver's Travels</i>	541		
5. Lewis's <i>Abolition of Man</i>	541		
ECONOMICS	543		
1. Principles of Economics	543		
2. Supply & Demand	543		
3. Profit & the Price System	543		
4. Supply & Demand	543		
5. Macroeconomic Theory	543		
6. Money and the Role of Government	543		
7. Business Cycles	543		
MATHEMATICS - ALGEBRA II	545		
1. Rational Numbers	545		
2. Equations & Inequalities	545		
3. Systems of Linear Equations	545		
4. Factored Forms	545		
5. Fractions	546		
6. Quadratic Equations with Rational Roots	546		
7. Formulas	546		
8. Irrational Numbers	546		
9. Functions, Graphs & Variation	547		
10. Exponents & Logarithms	547		
11. Elements of Coordinate Geometry	547		
12. Quadratic Functions	548		

11TH GRADE OVERVIEW

AMERICAN LITERATURE	563	SCIENCE - PHYSICS	599
HISTORY: AMERICA 1607-PRESENT DAY	565	1. Introduction: Motion in One Dimension	599
1. Colonial America	573	2. Two-Dimensional Motion & Vectors	599
2. The American Revolution	573	3. Forces & the Laws of Motion	599
3. The Articles of Confederation and the Ratification of the Constitution	574	4. Work & Energy	599
4. The Early Republic	575	5. Momentum & Collisions	599
5. The Era of Good Feelings	576	6. Circular Motion & Gravitation	599
6. Crisis of the House Divided: The 1850s	576	7. Vibrations & Waves	599
7. The Civil War	577	8. Sound	600
8. Reconstruction Era	577	9. Light & Geometric Options	600
9. The Gilded Age	578	10. Electrostatics	600
10. Progressivism	578	11. Electric Circuits	600
11. World War I: "The Great War"	579	12. Magnetism	600
12. The Roaring Twenties	580		
13. The Great Depression and the New Deal	580		
14. World War II	581		
15. Postwar America	583		
16. Cultural Changes & Activism	583		
17. The 60s and the 70s	584		
18. The 80s and 90s	585		
19. 21st Century America	586		
		MODERN FOREIGN LANGUAGE	602
MORAL PHILOSOPHY	589		
1. Aristotle's <i>Physics</i>	590		
2. Aristotle's <i>Ethics</i>	590		
3. Aristotle's <i>Politics</i>	591		
4. Machiavelli and Modernity	591		
5. Hobbes and the Enlightenment	591		
6. Locke and Liberalism	592		
7. Rousseau and Romanticism	592		
8. Freedom, Progressivism, and Socialism	592		
TRIGONOMETRY & PRE-CALCULUS	595		
1. Functions & Graphs Review	595		
2. Linear & Quadratic Functions	595		
3. Polynomial & Rational Functions	595		
4. Exponential & Logarithmic Functions	595		
5. Trigonometry/Ratios of a Triangle	595		
6. Relations Among Trigonometric Ratios	596		
7. Angles, Rotations & Radians	596		
8. Trig Identities	596		
9. Graphs of Trig Functions	596		
10. Inverse Functions & Trigonometric Equations	597		
11. Systems of Equations & Inequalities	597		
12. Sequences & Series	597		
13. Counting & Probability	597		
14. Preview of Calculus	597		

12TH GRADE OVERVIEW

MODERN LITERATURE	609	12. Logarithmic & Exponential Functions	641
		13. Differentials & the Mean Value Theorem	641
SENIOR THESIS	613	14. Further Integration Techniques	641
1. The Senior Thesis Prompt	613	15. Geometric Integral Applications	641
2. The Booklist	614	16. Physical Applications of Integrals	641
		17. Taylor's Theorem & Infinite Series	641
HISTORY: MODERN WORLD	619		
1. Waves of Revolution	621	12TH GRADE SCIENCE	643
2. Industrialization	622	1. Astronomy	643
3. Late Modern Philosophies	622	2. Biology II	648
4. The Balance of Power	623	3. Chemistry II	650
5. The Great War	624	4. Physics II	652
6. The Russian Revolution	624	5. Earth Science	652
7. Rise of Totalitarianism	625		
8. World War II	626		
9. Disintegration of the British Empire	626		
10. Chinese Civil War	627		
11. Start of the Cold War	627		
12. Cold War "Proxy Wars"	627		
13. Eastern Bloc during the Cold War	627		
14. Conflicts in the Middle East	628		
15. Crisis & Collapse in the Soviet Union	628		
16. Europe after the Cold War	628		
AMERICAN GOVERNMENT AND POLITICS	631		
1. The American Founding	631		
2. The Constitution	632		
3. Progressivism	633		
4. Politics of Liberation and Social Justice: 1960s	634		
5. The Living Constitution	635		
6. Democratic Politics	636		
7. Governing Institutions and Public Policy	636		
8. Democratic Life and Its Challenges	637		
MATHEMATICS - CALCULUS	639		
1. Introduction to Calculus	639		
2. The Derivative	639		
3. The Integral	639		
4. Geometrical Significance of the Derivative	639		
5. Differentiation & Integration of Powers of X	639		
6. Differentiation & Integration Theorems	639		
7. The Chain Rule	640		
8. Maxima and Minima	640		
9. The Definite Integral	640		
10. Trigonometric Functions	640		
11. Inverse Trigonometric Functions	640		