

DOUBLE800 SAT/PSAT Prep Course Syllabus

Fall 2022



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Lesson 1

Introduction	<ul style="list-style-type: none"> * Instructor: Micah (cell/text): 520-401-0014 * Comprehensive course using official College Board practice questions and tests * SAT & PSAT content identical except for length (PSAT has no essay & is marginally easier) * SAT & PSAT Scoring Ranges (Rights Only Raw Score) * Students must register for SAT test date @ www.collegeboard.com * Students must register at high school for PSAT; given annually in mid-October * Subscribe to Official SAT Question of Day * Subscribe to DOUBLE800 channel on YouTube 	
Math I 50% of Total Score	<p>SAT: 58 Total Questions; 2 Sections (800 Maximum Score) Calculator Section: 38 Questions (30 MC + 8 Grid-Ins) No-Calculator Section: 20 Questions (15 MC + 5 Grid-Ins)</p> <p>PSAT: 48 Total Questions; 2 Sections (760 Maximum Score) Calculator Section: 31 Questions (27 MC + 4 Grid-Ins) No-Calculator Section: 17 Questions (13 MC + 4 Grid-Ins)</p> <p>SAT: 80 Total Minutes (1 X 55 minutes + 1 X 25 minutes)</p> <p>PSAT 70 Total Minutes (1 X 45 minutes + 1 X 25 minutes)</p> <p>Progressive Level of Difficulty (Resets at Grid-Ins)</p>	
	Math Content	Examples from Tests
Heart of Algebra 19 Total Questions	<ul style="list-style-type: none"> *Linear Equations and Applications/XY Relationship *Systems of Linear Equations/Graphs/Solutions *Linear Inequalities/Graphs/Solutions *Linear Equation Formation/Coordinates/Slope *Linear Equation Variables *Absolute Value *Maximum & Minimum Values 	1229:4 1230:6 1118:15 1231:9 1231:11 1243:19 1240:11 1247:28 1249:31 1231:12 1240: 9-10 1239:8 1249: 32
Passport to Advanced Math 16 Total Questions	<ul style="list-style-type: none"> *Polynomial Equations/Variables *Exponents *Equivalent Algebraic Equations *Difference of Perfect Squares *Quadratic/Polynomial Functions/Graphs *Quadratic Physics Equation *Quadratic Solutions/Factors/Remainders *Quadratic Equation Forms/Vertex/Intercepts *Long Division *Exponential Functions/Growth/Decay 	1230:5 1230:7 1232:14 1232:13 1232:15 1234:16 1242:17 1013:34 1246:25 1118:14 1247:29 1247:30 860:12 1250:37-38
Student In-Class Practice Problems	860:11 (No Calculator) 990:7 (No Calculator) 991:8 (No Calculator) 991:9 (No Calculator) 992:12 (No Calculator) 993:14 (No Calculator) 996:19 (Grid-In) 1010:28 (Calculator) 1010:30 (Calculator) 1132:28 (Calculator)	
Homework for Lesson 2	Review Math Concepts from Lesson 1	

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Lesson 2

Math II		
Problem Solving and Data Analysis 17 Total Questions	<ul style="list-style-type: none"> *Direct/Inverse Proportions *Scatter Plots/Lines of Best Fit/Correlation *Histograms/Average/Median/Mode/Range/Standard Deviation *Percentages *Unit Conversions *Surveys/Samples *Probabilities *Ratios/Rates 	<p>1237:2 1238:5 1240:12 875:22 1244:20 1246:26 1129:19 869:7 1128:15 1244:21 1249:33</p>
Additional Topics in Math 6 Total Questions	<ul style="list-style-type: none"> *Area/Volume/Lines/Angles (Reference Info) *Circles/Radians *Complex Numbers *Trigonometry 	<p>1250:35 1234:17 1135:34 1010:29 1228:2 1234:19</p>
Evidence-Based Writing I 25% of Total Score	<p>SAT: 44 Total Questions; 1 Section (Maximum Score 400) 4 Passages (11 Questions Each)</p> <p>PSAT: Same as SAT (Maximum Score 380)</p> <p>SAT: 35 Total Minutes (1 X 35 minutes)</p> <p>PSAT: Same as SAT</p> <p>Random Level of Difficulty</p>	
Standard English Conventions 22 Total Questions	<ul style="list-style-type: none"> *Subject-Verb Agreement *Subject-Pronoun Agreement *Pronoun Case Agreement *Verb Form Consistency *Coordination & Subordination *Idioms *Parallelism *Apostrophes *Colons/Semi-Colons *Commas/Dashes 	<p>1217:15 1225:40 1102:15 1106:26 1226:44 1222:30 1106:27 1218:18 1224:36 1215:11 1217:13 1218:17 1220:24 1214:7 1220:25 1214:8 1111:38 1213:3 1225:41 1221:26 979:24 1213:4 1104:21</p>
Homework for Lesson 3	<p>Math Test 9 (time both sections) *Section 3 - No Calculator: 458-466 (25 minutes) *Section 4 - Calculator: 468-482 (55 minutes) * Grade & Score: http://www.double800.com/sat-psat-practice-tests.html</p>	



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Lesson 3

	* Review Math Test 2	
Evidence-Based Writing II	*Diction	1213:1 983:36
	*Tone	1223:33 1113:44
Expression of Ideas	*Concision/Redundancy	1219:21 1224:35
	*Comparatives	Not previously tested
22 Total Questions	*Transition words/Sentences	1214:9 1224:37-38
	*Adding/Deleting Sentences	974:8 979:25
	*Adding Details/Information	1214:6 977:16
	*Sentence/Paragraph Placement	1213:2 977:19
	*Combining Sentences/Ambiguous Pronouns	1212:5 981:32
	*Graphs/Tables/Charts	975:10 976:13 1225:39
		1216:12 982:33
Student In-Class Practice Problems	1098: 1-11	
Homework for Lesson 4	Math Test 10 (time both sections) *Section 3 - No Calculator: 332-339 (25 minutes) *Section 4 - Calculator: 340-353 (55 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



Lesson 4

	* Review Math Test 3	
Essay	*No longer part of test, but review DBQ format for future/college Writing assignments	1254-1255
	*Prompt (static)	
	*Persuasive Argument	
	*3 Artistic Proofs (Aristotle)	
	*Evaluation Process	
Student In-Class Practice Problem	572: 1-11 577: 12-22	
Homework for Lesson 5	Writing Test 9 (time section) *Section 2: 442-457 (35 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



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Lesson 5

	*Review Writing Test 9	
Evidence-Based Reading I 25% of Total Score	<p>SAT: 52 Total Questions; 1 Section (Maximum Score 400) 5 Passages (~ 10/11 Questions per Passage)</p> <p>PSAT: 47 Total Questions; 1 Section (Maximum Score 380) 5 Passages (~ 9/10 Questions per Passage)</p> <p>SAT: 65 Total Minutes (1 X 65 minutes)</p> <p>PSAT: 60 Total Minutes (1 X 60 minutes)</p> <p>Random Level of Difficulty</p>	
Information and Ideas, Rhetoric & Synthesis 52 Total Questions	<p>*Types of Passages >Literary/Social Science/Founding Documents (GGC)/Science (2) >Independent or Dual >Neutral or Biased (Argument and Counterargument)</p> <p>*3 Cardinal Rules for Reading</p> <p>*Question Types: General (G) or Specific (S) >Primary Purpose/Function/Summary of Whole Passage (G) >Organizational/Developmental Pattern (G) >Graphs (G) >Word(s) in Context (S) >2-Part Questions (S) >Function/Purpose/Effect Questions (S) >Inference/Suggest/Imply Questions (S) >Keywords (S) >Tone or Attitude Questions (S) >Analogous Questions (S)</p>	<p>1196:1-10 Literary 1199:11-21 Social Science</p>
Student In-Class Practice Problems	1205:33-41	
Homework for Lesson 6	<p>Writing Test 10 (time section) *Section 2: 316-331 (35 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html</p>	



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Lesson 6

	*Review Writing Test 10	
Evidence-Based Reading II	Additional Reading Passages	958:22-31 Science 964:32-41 Social Science 956:11-21 Dual Passage 952:1-10 Literary
Student In-Class Practice Problems	Writing Handout (Idioms)	
Homework for Lesson 7	Reading Test 6 (time section) *Section 1: 818-837 (65 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



Lesson 7

	*Review Reading Test 6	
Student In-Class Practice Problems	Math Review; In-Class Review Questions	
Homework for Lesson 8	Test 7 (Complete Test; time all sections) *Section 1; Reading: 692-708 (65 minutes) *Section 2; Writing: 710-723 (35 minutes) *Section 3; Math - No Calculator: 724-732 (25 minutes) *Section 4; Math - Calculator: 734-749 (55 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



Lesson 8

	*Review Test 7	
Student In-Class Practice Problems	Writing and Reading Review; In-Class Review Questions	
Homework Prior to SAT &/or PSAT	SAT Test 8 (All Sections) SAT Test 9 (Section 1; Reading) SAT Test 10 (Section 1; Reading) PSAT Test 2 (All Sections) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html *Video Solutions on YouTube: https://www.youtube.com/user/DOUBLE800com	
Homework for Test Day & Beyond	Good Luck and Stay Confident!	