

DOUBLE800 SAT/PSAT Prep Course Syllabus

Fall 2017



DOUBLE800 SAT/PSAT Prep Course Syllabus

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 (app only) 	
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 	331:4 332:6 562:15 333:9 333:11 345:19 342:11 349:28 351:31 333:12 342: 9-10 341:8 351: 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 	332:5 332:7 334:14 334: 13 334:15 336:16 344:17 457:10 348:25 450:13 349:29 349:30 450:15 352:37-38
Student In-Class Practice Problems	336: 18 (No Calculator; Grin-In) 448:7 (No Calculator) 449: 9 (No Calculator) 449: 12 (No Calculator) 450:14 (No Calculator) 453: 20 (No Calculator; Grid-In) 462: 26 (Calculator) 463: 29 (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 	339:2 340:5 342:12 460: 19 346:20 348:26 457:11 458:13 572:15 346:21 351:33
Additional Topics in Math 6 Total Questions	<ul style="list-style-type: none"> *Area/Volume /Lines/Angles (Reference Info) *Circles/Radians *Complex Numbers *Trigonometry 	352:35 336:17 463:30 579:34 461:24 331:2 449:11 565:20 336:19
Evidence-Based Writing I 25% of Total Score	SAT: 44 Total Questions; 1 Section (Maximum Score 400) 4 Passages (11 Questions Each) PSAT: Same as SAT (Maximum Score 380) SAT: 35 Total Minutes (1 X 35 minutes) PSAT: Same as SAT Random Level of Difficulty	
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/Parentheses 	319:15 327:40 433:3 441:29 328:44 324:30 444:39 320:18 326:36 317:11 319:13 320:17 439:21 316:7 322:25 316:8 433:6 315:3 436:13 323:26 436:14 315:4 437:16
Homework for Lesson 3	Math Test 5 (time both sections) *Section 3 – No Calculator: 788-796 (25 minutes) *Section 4 – Calculator: 798-815 (55 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



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Lesson 3

	* Review Math Test 5	
Evidence-Based Writing II	*Diction	315: 1 443:36
	*Tone	325:33 435:10
	*Concision/Redundancy	321:21 442:32
Expression of Ideas	*Comparatives	None in Tests 1-2
	*Transition words/Sentences	316:9 326:34 326:37-38
22 Total Questions	*Adding/Deleting Sentences	316:6 327:42
	*Adding Details/Information	315:2 443:37
	*Sentence/Paragraph Placement	315:5 444:42
	*Combining Sentences/Ambiguous Pronouns	327:39 433:5
	*Graphs/Tables/Charts	318:12 440:24
Student In-Class Practice Problems	542:1-11	
Homework for Lesson 4	Math Test 6 (time both sections) *Section 3 – No Calculator: 922-930 (25 minutes) *Section 4 – Calculator: 932-949 (55 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



Lesson 4

	* Review Math Test 6	
Essay	*Optional (recommend that students take) SAT: 1 Prompt (Argument Analysis) Maximum Score 24 (4 X 3 Scores X 2 Graders): Reading Analysis Writing PSAT: No Essay SAT: 50 Total Minutes (1 X 50 minutes) at end of Test	151 (Prompt) 173-174 (Sample Essay) 183-186 (Model Essays)
Student In-Class Practice Problem	356-357 (Essay Introduction only)	
Homework for Lesson 5	Writing Test 5 (time section) *Section 2: 772-786 (35 minutes) *Practice Essay #5: 822-823(50 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



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Lesson 5

	<ul style="list-style-type: none"> * Review Writing Test 5 * Review Practice Essay #5 * Submit Essay for Evaluation & Grade 	
<p>Evidence-Based Reading I</p> <p>25% of Total Score</p>	<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>	
<p>Information and Ideas, Rhetoric & Synthesis</p> <p>52 Total Questions</p>	<ul style="list-style-type: none"> *Types of Passages <ul style="list-style-type: none"> >Literary/Social Science/Founding Documents (GGC)/Science >Independent or Dual >Neutral or Persuasive (Argument and Counterargument) *Cardinal Rules for Reading *Question Types: General (G) or Specific (S) <ul style="list-style-type: none"> >Primary Purpose/Function/Summary of Whole Passage (G) >Organizational/Development 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>298:1-10 Literary 301:11-21 Social Science</p>
<p>Student In-Class Practice Problems</p>	<p>307:32-41 Founding Documents</p>	
<p>Homework for Lesson 6</p>	<p>Writing Test 6 (time section) *Section 2: 904-920 (35 minutes) *Practice Essay #6: 954-955(50 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html</p>	



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Lesson 6

	<ul style="list-style-type: none"> * Review Writing Test 6 * Review Practice Essay #6 * Submit Essay for Evaluation & Grade 	
Evidence-Based Reading II	Additional Reading Passages	758: 22-31 Science 756: 11-21 Dual Passage 752: 1-10 Literary
Student In-Class Practice Problems	Writing Handout (Idioms)	
Homework for Lesson 7	Reading Test 6 (time section) *Section 1: 884-903 (65 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



Lesson 7

	* Review Reading Test 5	
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: 1018-1034 (65 minutes) *Section 2; Writing: 1036-1049 (35 minutes) *Section 3; Math – No Calculator: 1050-1058 (25 minutes) *Section 4; Math – Calculator: 1060-1075(55 minutes) *Practice Essay #6: 1080-1081 (50 minutes) *Grade & Score: http://www.double800.com/sat-psat-practice-tests.html	



Lesson 8

	<ul style="list-style-type: none"> * Review Test 7 * Review Practice Essay #7 	
Student In-Class Practice Problems	Writing and Reading Review; In-Class Review Questions	
Homework Prior to SAT &/or PSAT	SAT Test 8 PSAT Test 2 *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 and Beyond	Good Luck and Stay Confident!	