

# Course Timing Suggestions

The Course Timing Suggestions are templates to help guide you as you prepare for your course. The tables below list the topics Cambridge recommends that you cover in each course hour. Specific items you should cover are outlined as well, along with the page number where you can find that topic in your teacher’s guide.

## Course Timing Suggestions

12 COURSE HOURS, PLUS PRE- AND POST-TESTING

12

### Reading (4 of 12 hours)

Course Hour	Course Concept Outline	Items	Teacher’s Guide Page(s)	Essential Skills Student Text
<b>1</b>	<b>I. Test Mechanics</b>		37	
	A. Overview		39	
	B. Anatomy	1–4	41	
	C. Pacing		44	
	D. Time Trial	1–2	45	
	E. Game Plan		47	
<b>2</b>	<b>II. Lesson   Preliminaries</b>		51	
	<b>III. Lesson 1   Information and Ideas</b>		54	
	A. Item-Types		54	
	1. Main Idea	1–2	56	
	2. Explicit Detail	3–5	57	
	3. Implied Idea	6–9	58	
	4. Application	10	60	
	B. Item-Type Strategies		61	
	1. Main Idea Clues	12	62	193
	2. Explicit Detail Clues	13	62	197
	3. Implied Idea Clues	14–15	64	210
	4. Application Clues	16	65	210
	C. Further Use of Information and Ideas Strategies		66	
<b>3</b>	<b>IV. Lesson 2   Passage Development</b>		73	
	A. Item-Types		73	
	1. Development	3–4	74	
	2. Textual Evidence	5–7	76	
	3. Voice	8	78	
	4. Information and Ideas Review	10–12	79	
	B. Item-Type Strategies		82	
	1. Development Clues	15–17	83	
	2. Textual Evidence Clues	18	84	
	3. Voice Clues	19	84	
	4. Information and Ideas Review		85	
	C. Further Use of Reading Strategies		87	

**Reading, continued (4 of 12 hours)**

<b>Course Hour</b>	<b>Course Concept Outline</b>	<b>Items</b>	<b>Teacher's Guide Page(s)</b>	<b>Essential Skills Student Text</b>
<b>4</b>	<b>V. Lesson 3   Vocabulary</b>		91	
	A. Vocabulary Clues	11-20	91	91-103
	<b>VI. Lesson 4   Data Presentations</b>		105	
	A. Data Presentation Preliminaries		105	
	B. Facts about Data Presentation Items		105	
	C. Different Types of Data Presentations Questions		107	
	1. Reading Labels and Legends	1	108	
	2. Locating Data Points	2	109	
	3. Comparing Data Points	3-4	110	
	4. Recognizing Increases and Decreases	5	112	
	5. Combining Data from Two Graphs	6-7	113	
	6. Connecting Information in a Graph and in Text	8	116	
	D. Full-Length Reading Passages with Data Presentations Illustrated		118	118-126
	<b>VII. Lesson 5   Paired Passages</b>	10-19	127	
	<b>VIII. Lesson 6   Additional Practice</b>		141	
	<b>IX. Quizzes</b>		157	
	A. Quiz I		157	
B. Quiz II		166		
<b>X. Strategy Summary</b>		175		

# Course Timing Suggestions

12 COURSE HOURS, PLUS PRE- AND POST-TESTING

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## Writing and Language (4 of 12 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	<b>I. Test Mechanics</b>		183	
	A. Overview		183	
	B. Anatomy	1–5	185	
	C. Pacing		188	
	D. Time Trial	1–8	190	
	E. Game Plan		193	
2	<b>II. Lesson   Preliminaries</b>		197	
	<b>III. Lesson 1   Standard English Conventions</b>		203	
	A. Grammar and Usage		203	
	1. Subject-Verb Agreement	1	203	43, 89, 132, 134
	a) Material Inserted Between Subject and Verb	2–4	204	
	b) Inverted Sentence Structure	8–9	207	
	c) Compound Subjects	10–11	208	
	2. Pronoun Usage		210	35, 70, 129, 130
	a) Pronouns Must Have Antecedents	13–14	210	
	b) Antecedents Must Be Clear	15	212	
	c) Pronoun-Antecedent Agreement	17–18	213	
	d) Pronouns Must Have Proper Case	20	214	
	3. Adjectives versus Adverbs		217	
	a) Adjectives Modify Nouns; Adverbs Modify Verbs, Adjectives, and Other Adverbs	22–23	218	
	b) Linking Verbs	24	219	
	c) Watch for Adjectives Posing as Adverbs	26	220	
	4. Double Negatives	29	222	
	5. Nouns and Noun Clauses		223	
	6. Faulty or Illogical Comparisons		225	
	7. Verb Tense		229	
	a) Irregular Verbs		230	
	b) When to Use the Perfect Tenses		230	
	c) The Subjunctive Mood		232	
	8. Sequence and Verb Tense		234	
	9. Diction		236	
	a) Wrong Preposition		236	
	b) Wrong Word Choice		237	
c) Gerund versus Infinitive		238		
	B. Sentence Structure		240	19, 22, 45, 77, 118
	1. Run-On Sentences	57–58	241	
	2. Comma Splices	59–60	242	
	3. Fragments	61–62	243	
	4. Problems of Coordination and Subordination	65–66	244	
	5. Faulty Parallelism	71–73	247	
	6. Incomplete Split Constructions		249	
	7. Misplaced Modifiers	76–78	250	
	8. Unintended Meanings	79	252	
	C. Punctuation		254	42, 96, 136
	1. Commas	81–85	254	
	2. Semicolons	103–104	263	
	3. Colons		266	
	4. End-Stop Punctuation		267	
	5. Dashes		268	
	6. Quotation Marks		269	
	7. Apostrophes		271	
	8. Punctuating for Clarity Exercise		273	

## Writing and Language, continued (4 of 12 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text	
<b>4</b>	<b>IV. Lesson 2   Expression of Ideas</b>		275		
	A. Strategy		275		
	1. Appropriate Supporting Material	1, 10	275, 284		
	2. Effective Opening, Transitional, and Concluding Sentences	2, 7, 11	278, 284, 285		
	3. Main Idea	3, 12	279, 285		
	4. Audience	4	279		
	B. Organization		280		
	1. Sentence-Level Structure	8	280, 284		
	2. Paragraph-Level Structure	5	280		
	3. Passage-Level Structure	6, 9	281, 284		
	C. Style		286		
	1. Conciseness	13–18	287		
	2. Clarity of Meaning	19	290		
	3. Idiomatic Expression	20	291		
	D. Additional Practice		293		
	<b>V. Lesson 3   Words in Context</b>			317	
	A. Contextual Meaning—Basic Technique	2–3		317	
	B. Precise Meaning			321	
	C. Tone	26		325	
	D. Conciseness	31		327	
	E. Idiomatic Expression			329	
	<b>VI. Lesson 4   Data Presentations</b>			331	
	A. Data Presentation Preliminaries			331	
	B. Brief Review of Data Presentations			331	
	C. Interpreting the Data			333	
	1. Comparing Two or More Points			333	
	2. Identifying Trends in Data			335	
	3. Describing Figures			336	
	D. Supporting the Main Idea			337	
	E. Evaluating New Information			338	
	F. Writing and Language Passages Illustrated			340	
	<b>VII. Lesson 5   Strategies</b>			353	
	A. General Strategies			353	
B. Additional Practice			358		
<b>VIII. Quizzes</b>			363		
A. Quiz I			363		
B. Quiz II			372		
<b>IX. Strategy Summary</b>			381		

# Course Timing Suggestions

12 COURSE HOURS, PLUS PRE- AND POST-TESTING

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## Math: Multiple-Choice (3 of 12 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	<b>I. Test Mechanics</b>		389	
	A. Overview		389	
	B. Anatomy	1-4	391	
	C. Pacing		394	
	D. Time Trial	1-4	395	
	E. Game Plan		398	
	F. Calculator Exercise	1-5	402	
2	<b>II. Lesson   Preliminaries</b>		405	
	<b>III. Lesson 1   Heart of Algebra</b>		415	
	A. Solving Equations and Inequalities		415	
	1. Linear Equations	1-5	415	
	2. Linear Inequalities	8	420	
	B. Creating Linear Expressions, Equations, Functions, and Inequalities		421	
	C. Interpreting Linear Expressions, Equations, Functions, and Inequalities		425	
	D. Creating, Solving, and Interpreting Simultaneous Equations and Inequalities		428	
	E. Algebra: Alternative Strategies		434	
	1. "Test-the-Test"	30-31	434	
	2. "Plug-and-Chug"	32	435	
	<b>IV. Lesson 2   Heart of Algebra: Graphs</b>		437	
	A. Graphs of Linear Equations		437	310
	1. The Coordinate System	1-2	437	
	2. Slope of a Line	3	441	
	3. Slope-Intercept Form of Linear Equations	16	444	
	4. Distance Formula	18	451	
	B. Graphs of First-Degree Inequalities	19-20	452	
	C. Graphs: Alternative Strategies		456	
	1. "Test-the-Test"	23-24	457	
	2. "Plug-and-Chug"	25	458	
	<b>V. Lesson 3   Passport to Advanced Math</b>		459	
	A. Manipulating Expressions		459	
	1. Simplifying Expressions	1-2	459	
	2. Rational Expressions	2	460	
	3. Factoring Expressions	6-7	462	
	4. Exponential Expressions	8	464	
	B. Solving Equations and Inequalities		466	
	1. Rational Equations	11	466	
	2. Rational Inequalities	12	468	
	3. Radical Equations	13	469	
	4. Exponential Equations	14	471	
	C. Nonlinear Equations and Functions		472	
1. Solving Quadratic Equations		473		
2. Solving Systems with Quadratic Equations		477		
3. Creating and Interpreting Quadratic Equations and Functions		478		
4. Graphs of Quadratic Functions and Circles		480		
5. Solving Polynomial Functions	31-32	485		
6. Graphs of Polynomial Functions	33-34	486		
7. Creating and Interpreting Exponential Functions		487		
D. Transformations and Compositions of Functions		491		

## Math: Multiple-Choice (3 of 12 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text	
<b>3</b>	<b>VI. Lesson 4   Data Analysis and Problem Solving, Part 1</b>		495		
	A. Data Representations		496		
	1. Bar, Cumulative, and Line Graphs	1-5	496		
	2. Pie Charts	6	500		
	3. Tables	7-8	500		
	4. Scatterplots	9	502		
	B. Statistics		505	291, 333	
	1. Measurements of Center and Spread		505		
	a) Averages	13-14	505		
	b) Median	18	507		
	c) Mode	19	507		
	d) Range	21	509		
	e) Standard Deviation		509		
	2. Common Statistical Data Representations		511		
	3. Data Interpretation		514		
	C. Probability		520		
	1. Arithmetic Probability	37	520	292	
	2. Geometric Probability		524		
	<b>VII. Lesson 5   Problem Solving, Part 2, and Advanced Arithmetic</b>			527	
	A. Rations, Proportions, and Percentages			527	
	1. Ratios	2, 4	527		
	2. Proportions and Direct/Inverse Variation	10	531	326	
	3. Percentages	19	535	325	
	B. Complex Numbers	21-22	541	354, 360, 361	
	C. Problem Solving and Advanced Arithmetic: Alternative Strategies			544	
	1. "Test-the-Test"	23-24	544		
	2. "Plug-and-Chug"	25-26	545		
	<b>VIII. Lesson 6   Additional Topics: Geometry</b>			547	
	A. Geometric Notation			547	
	B. Lines and Angles	1-4	548		
	C. Triangles		551		
	1. Pythagorean Theorem	5	551		
	2. 45°-45°-90° Triangles	6-7	552		
	3. 30°-60°-90° Triangles	8-9	553		
	4. Properties of Triangles		554		
	D. Rectangles and Squares		558		
	E. Circles		559		
	F. Complex Figures		563		
	H. Volume		568		
	I. Geometry: Alternative Strategies		570		
	1. "Test-the-Test"	35	570		
2. "Plug-and-Chug"	36	571			
3. "Guesstimate"	37-38	571			
4. Measure	39	572			
5. "Meastimate"	40-41	574			
<b>IX. Lesson 7   Additional Topics: Trigonometry</b>			577		
A. Right Triangles			577		
1. Trigonometric Rations		577			
2. Special Right Triangles		581			
3. Complementary Angles		587			
B. Angle Measures		588			
C. Arc Length		589			
D. Determining Values on the Unit Circle		593			
<b>X. Quizzes</b>			597		
A. Quiz I		597			
B. Quiz II		605			
<b>XI. Strategy Summary</b>			613		

# Course Timing Suggestions

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## Math: Student-Produced Responses (1 of 12 hours)

Course Hour	Course Concept Outline	Items	Teacher's Guide Page(s)	Essential Skills Student Text
1	<b>I. Test Mechanics</b>		619	
	A. Overview		619	
	B. Anatomy	1-5	621	
	C. Pacing		626	
	D. Time Trial	1-6	627	
	E. Game Plan		632	
	F. Calculator Exercise	1-5	634	
	<b>II. Lesson   Preliminaries</b>		637	
	<b>III. Lesson   Student-Produced Responses</b>		641	
	A. Answer Situations Illustrated		641	
	1. Answer Grid Guidelines		641	
	2. Answer Is a Whole Number		643	
	3. Answer Is a Decimal		644	
	4. Answer Is a Fraction		645	
	B. Math: Student-Produced Responses Items Illustrated		648	
	C. Paired Application Items		653	
	<b>IV. Quizzes</b>		659	
	A. Quiz I		659	
	1. No Calculator		659	
	2. Calculator		661	
	B. Quiz II		664	
	1. No Calculator		664	
	2. Calculator		666	
<b>V. Strategy Summary</b>		669		