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“ACT Checklist”

Learn what's on the ACT and how to tackle it.

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The *ACT Checklist* is a checklist of the major topics covered on the ACT Test. We have broken up our checklist based on the sections of the ACT exam.

The best way to use the *ACT Checklist* is to print it off and use it as a real checklist along with any test prep materials you may already have (or may purchase in the future). You'll notice that the headings include the phrases; Phase I, Phase II, and Phase III. These headings basically go along with the specific activities you would do to prepare for the exam.

We've listed out what we consider to be Phase I, Phase II, and Phase III activities here:

Phase I activities include learning the basics.

This might consist of reading and take notes on the particular topics. If you cannot read and take notes on topics (like for example, in the reading

comprehension section of many exams), then read through the instructions for that section and familiarize yourself on the topics covered. When you've learned the basics, place a checkmark under Phase I for that particular concept.

Phase II activities include learning the details.

If you have a workbook to study from consider that a Phase II activity. Flashcards could also fit under Phase II activities. If you do not intend to buy flashcards, then you may want to create some of your own on the more difficult concepts.

If you can't distinguish between the basics and the details for you subject matter, then just re-view your test prep material (no use getting hung up before you even start).

Phase III activities include answering practice questions.

Most test prep books contain practice questions that you may work through. And if you are going to write an essay, then you need to start writing those essays for practice!

So please print off the following pages, and start checking off the concepts as you learn them.

ACT Math Section

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
<i>Pre-Algebra</i>			
• Statistics			
• Whole numbers			
• Decimals			
• Fractions			
• Square roots			
• Exponents			
• Scientific notation			
• Factoring			
• Ratios			
• Proportions			
• Percentages			
• Absolute value			
• Probability			
<i>Elementary Algebra</i>			
• Substitution of algebraic expressions			
• Expressing functional relationships			
• Understanding algebraic operations			
• Solving quadratic equations			
<i>Intermediate Algebra</i>			
• Quadratic formula			
• Absolute value			
• Equations and inequalities			

ACT Math Section *(continued)*

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
• Sequences and patterns			
• Systems of equations			
• Quadratic inequalities			
• Functions			
• Modeling			
• Matrices			
• Roots of polynomials			
• Logarithms			
<i>Coordinate Geometry</i>			
• Graphing equations			
• Parallel and perpendicular lines			
• Distances and midpoints			
• Slope			
• Conic sections			
<i>Plane Geometry</i>			
• Angles			
• Triangles			
• Polygons			
• Circles			
• Proof			
• Volume			
• 3-D Geometry			

ACT Math Section *(continued)*

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
<i>Trigonometry</i>			
• Trigonometric relations in right triangles			
• Graphing trigonometric functions			
• Trigonometric identities			
• Solving trigonometric equations			

ACT English Section

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
<i>Punctuation</i>			
• Comma usage			
• Apostrophe usage			
• Colon usage			
• Semicolon usage			
<i>Grammar and Usage</i>			
• Subject-verb agreement			
• Pronoun usage			
• Modifiers			
• Verb formation			
• Adjectives and adverbs			

ACT English Section *(continued)*

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
<i>Sentence Structure</i>			
• Clause relationships			
• Placement of modifiers			
• Parallelism			
<i>Writing Strategy</i>			
• Word placement			
• Supporting evidence			
• Transitional sentences			
• Paragraph introduction			
• Paragraph conclusion			
<i>Organization</i>			
• Paragraph or sentence order, coherence, and unity			
• Word placement			
<i>Style</i>			
• Word choice			
• Style and tone			
• Eliminate redundancy			

ACT Reading Section

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
• Brush up on reading comprehension skills			

ACT Science Section

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
• Brush up on reading comprehension skills			
• Biology			
• Chemistry			
• Physics			
• Earth/space sciences			

ACT Optional Writing Section

<u>Concept</u>	<u>Phase I</u>	<u>Phase II</u>	<u>Phase III</u>
<i>Point of view (30-minute essay)</i>			
• Main idea			
• Introduction			
• Supporting ideas			
• Conclusion			

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