

2025-26 Academic Pentathlon Social Science Resource Guide Outline

Section I: Post-War America: The Dawn of a New Era.....34%

- A. A Tumultuous Year
- B. Constitutional Amendments and the End of the Progressive Era
- C. A Return to “Normalcy”: Republican Rule Returns to Washington
- D. Section I Summary

Section II: Prosperity and Technological Advancements.....22%

- A. Mass Production of the Automobile
- B. Mass Consumption
- C. Mass Communication: The Radio
- D. Mass Entertainment
- E. Sports and Leisure
- F. Section II Summary

Section III: Social and Cultural Upheaval.....27%

- G. The View from Middletown
- H. No Place in the Melting Pot: The Return of Racism and Anti-immigrant Feelings
- I. “New Women”: Changing Gender Ideals
- J. American Moderns
- K. The Harlem Renaissance and the New Negro Movement
- L. An Anxious Age
- M. Religion and Science
- N. Prohibition
- O. Section III Summary

Section IV: Economic Crisis and the End of the Roaring Twenties.....17%

- A. The 1928 Election and Hoover’s Election
- B. The Stock Market Crash
- C. The Great Depression
- D. From Bad to Worse
- E. Section IV Summary

2025-26 Academic Pentathlon Science Resource Guide Outline

Section I. Electricity.....19%

- A. Charged Particles
- B. The Electric Force
- C. Electricity in Materials
- D. Section I Summary

Section II. Circuits.....25%

- A. Energy
- B. Simple Circuits
- C. More Complicated Circuits
- D. Section II Summary

Section III. Magnetism.....32%

- A. The Magnetic Field
- B. Electromagnetism
- C. The Electrical Grid
- D. Section III Summary

Section IV. Electromagnetic Waves.....24%

- A. The Generation of Electromagnetic Waves
- B. Applications of Electromagnetic Waves
- C. Relativity
- D. Section IV Summary

2025-26 Academic Pentathlon Literature Resource Guide Outline

Section I. Critical Reading.....7%

Section II. A Brief Historical Overview of the Jazz

Age.....4%

- A. Introduction
- B. Postwar American Economic Prosperity
- C. Urbanization, the Great Migration, and the Growth of the American City
- D. Suffrage, Women's Rights and New Roles for Women
- E. Jazz, Blues, and Harlem Renaissance

Section III. Born To Fly: The First Women's Air Race Across America by Steve

Sheinkin.....43%

- A. Born to Fly: The First Women's Air Race Across America and the Theme of "The Jazz Age"
- B. Overview of Steve Sheinkin's Life and Work
- C. Key Historical Figures
- D. Section II Overview

Section IV. Shorter Selections.....46%

- A. Selected Works: Booker T. Washington Up from Slavery "The Struggle for an Education" published in The Upward Path—A Reader for Colored Children, 1920 by Harcourt, Brace and Howe (Originally published in 1901)
- B. Introduction to Booker T. Washington
- C. Overview
- D. Summary and Analysis
- E. Selected Work: William Holtzclaw "Booker T. Washington—A Student's Memory of Him" published in The Upward Path—A Reader for Colored Children, 1920 by Harcourt, Brace and Howe
- F. Introduction to William Holtzclaw
- G. Overview
- H. Summary and Analysis
- I. Selected Work: TED Talk, "The Great Migration and the power of a single decision" by Isabel Wilkerson, November 2017
- J. Introduction to Isabel Wilkerson
- K. Overview
- L. Summary and Analysis
- M. Short Story

- N. Selected Work: F. Scott Fitzgerald "The Curious Case of Benjamin Button"
(published 1922, in Tales of the Jazz Age)
- O. Introduction to F. Scott Fitzgerald
- P. Overview
- Q. Summary and Analysis
- R. Poetry
- S. Selected Work: : Langston Hughes "Mother to Son" (published 1922, in the
December issue of The Crisis)
- T. Overview
- U. Summary and Analysis
- V. Selected Work: Langston Hughes "I, Too" (published 1926 in The Weary Blues,
Alfred A. Knopf)
- W. Overview
- X. Summary and Analysis
- Y. Selected Work: Langston Hughes "The Weary Blues" (published 1926 in The
Weary Blues, Alfred A. Knopf)
- Z. Overview
- AA. Summary and Analysis
- BB. Selected Work: Langston Hughes "Homesick Blues" published 1927, in Caroling
Dusk (Harper & Brothers, 1927), edited by Countee Cullen
- CC. Overview
- DD. Summary and Analysis

2025-26 Academic Pentathlon Mathematics Resource Guide Outline

Section I. Algebra.....58%

- A. Basic Properties of Real Numbers
- B. Exponents
- C. Algebraic Expressions and Formulas
- D. Polynomials
- E. Linear Equations and Inequalities
- F. Graphing
- G. Quadratic Equations
- H. Functions
- I. Section 1 Summary

Section II. Introduction to Trigonometry.....42%

- A. Angles and Their Measures
- B. Right Triangles
- C. Section 2 Summary

2025-26 Academic Pentathlon Fine Arts Resource Guide Outline

Section I. Introduction to Music and Art History.....15%

- A. Introduction to Music
- B. Pitch, Rhythm, and Harmony
- C. Form in Music
- D. Music Summary
- E. Introduction to Art History
- F. Elements of Art
- G. Processes and Techniques
- H. Art Summary

Section II. Origins of American Modernism.....13%

- A. Overview of Art in America between 1900 and the End of World War I
- B. Modernist Painting
- C. Modernist Photography
- D. Section II Summary

Section III. The Increasing Reach of Jazz and Blues.....12%

- A. Shades of Blues
- B. Listening Companion
- C. Jazz & Blues
- D. Listening Companion
- E. Jazz Thrives in Chicago
- F. Listening Companion
- G. Jazz Looks Ahead
- H. Listening Companion
- I. Section III Summary

Section IV. Jazz Age City Life.....16%

- A. Urban Trends
- B. Urban Entertainment during Prohibition
- C. Section IV Summary

Section V. Jazz on Stage, on the Air and On-Screen.....21%

- A. Jazz on Broadway
- B. Listening Companion

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| C. Broadway Turns the Tables | |
| D. Listening Companion | |
| E. Jazz as Subtext | |
| F. Listening Companion | |
| G. Jazz on the Radio | |
| H. Listening Companion | |
| I. Jazz in the movies | |
| J. Listening Companion | |
| K. Section V Summary | |
| Section VI. Global Connections | 23% |
| A. American Art in a Global Context | |
| B. American Expatriates In Europe | |
| C. Embracing Influences from Africa, Asia, and Latin America | |
| D. Indigeneity and Modernism | |
| E. Industrial Labor | |
| F. Political Activism by Artists | |
| G. Section VI Summary | |