

2020-21 Academic Pentathlon Fine Arts Resource Guide Outline

Section I. Introduction to Music and Art History.....20%

- A. Introduction to Music
- B. The Physics of Musical Sound
- C. Pitch, Rhythm, and Harmony
- D. Form in Music
- E. Introduction to Art History
- F. Methods and Inquiries of Art
- G. Elements of Art
- H. Processes and Techniques

Section II. Reaction and Remembrance.....9%

- A. Music in the Time of War
- B. Listening Examples

Section III. Cold War Art and Culture.....25%

- A. The State of the World After World War II
- B. A Clash of Ideologies
- C. First World, Second World, Third World
- D. Selected Work
- E. The Cold War as a Way of Seeing
- F. Selected Work
- G. Abstraction and Figuration
- H. Postwar Abstraction
- I. Selected Works
- J. Socialist Realism
- K. Selected Work
- L. International Styles
- M. Selected Works
- N. Consumerism and Ideology
- O. Pop Art
- P. Selected Work
- Q. Unofficial, Underground, or Nonconformist Art in the U.S.S.R.
- R. Selected Work
- S. Conceptual Art
- T. Selected Work

Section IV. The Propaganda War: Music on the Move.....15%

- A. Over the Airwaves
- B. Listening Examples
- C. The Classics on the Road
- D. Listening Example
- E. Not Ready to Rock

Section V. Art and Technology; The Body in Action.....18%

- A. The Horrors of War
- B. Selected Works
- C. Techno-utopias
- D. Selected Works
- E. The Body in Action
- F. Selected Works
- G. The Body under Repressive Regimes
- H. Selected Works

Section VI. Both Sides of the Iron Curtain.....13%

- A. Musical Bullying, Soviet-Style
- B. The First Wave from America
- C. Listening Example
- D. More Americans Abroad
- E. It's Your Move
- F. Listening Example
- G. Did It Work?

2020-21 Academic Pentathlon Literature Resource Guide Outline

Section I. Critical Reading.....10%

Section II. *Spies: The Secret Showdown Between America and Russia*, Marc Favreau.....43%

- A. Overview of Marc Favreau’s Life and Work
- B. Historical Context for the Book
- C. Spy Agencies
- D. Cold War Timeline
- E. Plot Summary
- F. Prologue: Seeing Ghosts
- G. Part 1: Enemies
- H. Part 2: Deep Freeze
- I. Part 3: Stalemate
- J. Part 4: Thaw
- K. Extra Information

Section III. Shorter Selections.....47%

- A. The Shorter Selections and the Theme of the “Cold War”
- B. Poems and Songs
- C. Speeches

2020-21 Academic Pentathlon Mathematics Resource Guide Outline

Section I. The Number System.....32%

- A. Rational Numbers
- B. Properties of Operations
- C. Irrational Numbers

Section II. Rates, Ratios and Proportions.....26%

- A. Rates
- B. Ratios
- C. Proportions

Section III. Geometry.....42%

- A. Polygons
- B. Solid Figures

2020-21 Academic Pentathlon Science Resource Guide Outline

Section I. Foundations of Astronomy.....18%

- A. The History of Modern Astronomy
- B. Light
- C. Thermal Radiation
- D. Telescopes

Section II. The Stars.....20%

- A. Distances to Stars
- B. Stellar Spectra
- C. The Sun
- D. Stellar Evolution
- E. Supernovae, Superdense Stars, and Black Holes

Section III. The Planets.....31%

- A. The Solar System
- B. The Space Race: The Early Apollo Missions
- C. The Space Race: The Apollo 11 Moon Landing
- D. The Terrestrial Planets
- E. The Jovian Planets and Beyond

Section IV. The Galaxies and the Universe.....31%

- A. The Milky Way Galaxy
- B. The Space Race: Skylab
- C. Other Galaxies
- D. The Universe

2020-21 Academic Pentathlon Social Science Resource Guide Outline

Section I: From Allies to Rivals: World War II Ends and the Cold War Begins.....31%

- A. Origins of the Cold War
- B. The Cold War Begins
- C. New Leadership

Section II: The Cold War's Effects on Domestic Politics and Culture in America.....22%

- A. The Enemy Within: "Disloyalty" and the Fear of Communist Subversion
- B. Espionage
- C. McCarthyism
- D. Cold War Civil Rights
- E. Cold War Society

Section III: Conflict and Conciliation, 1953-79.....31%

- A. The Central Intelligence Agency and American Intervention
- B. Non-Alignment, Crisis in the Middle East, and the New Order
- C. The Khrushchev Era
- D. New Flash Points
- E. Détente
- F. The Carter Administration and the End of Détente
- G. The Rise of Human Rights Foreign Policy

Section IV: Ending the Cold War, 1980-91.....16%

- A. Reagan Revives the Cold War
- B. Latin America
- C. The Decline of the Soviet Empire
- D. Gorbachev
- E. A Pivotal Year: 1989
- F. The Dissolution of the Soviet Union, 1990-91