

FINAL EXAM

(Anthony's History Test)

This is an open book test.

The answers can be found in:

Anthony and the Magic Picture Frame, by Michael S. Class

Look inside the book. Visit the Web site:

www.MagicPictureFrame.com

CHAPTER 1: THE MAGIC PICTURE FRAME

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1. The Magic Picture Frame is big enough for Anthony to step through, and it's very heavy. Anthony has said that it's difficult to carry the Magic Picture Frame; he often just drags it around. Is this what astrophysicists mean when they use the term "frame dragging?" [Answer: page 12.]
2. The computer clocks on communications satellites orbiting the Earth have to be corrected every year—the clocks on the satellites slow down and fall behind the clocks on Earth. Why? [Answer: page 11.]
3. What is "Coordinated Universal Time?" [Answer: page 203.]
4. How do you build a time machine? [Answer: page 202.]
5. Who gave the Magic Picture Frame to Anthony? [Answer: page 16.]
6. What was the date when the Magic Picture Frame first "called" to Anthony—the date Anthony made his first trip into the past? [Answer: page 129.]
7. How old is Anthony? [Answer: page 161.]
8. What is the moral of Chapter 1? [Answer: page 13.]

CHAPTER 2: THE MEN ON THE MOON

FINAL EXAM

1. When Anthony looked up at the sky from the surface of the moon, he noticed that the stars did not “twinkle.” Why do the stars twinkle when viewed from Earth, but not when viewed from the surface of the moon? [Answer: page 161.]
2. The Apollo 11 mission patch depicts an eagle carrying an olive branch to the surface of the moon. What does the patch’s design signify? Why does the eagle carry the olive branch in its talons, instead of its beak? Who designed the patch? [Answer: page 161.]
3. Anthony noticed that the Apollo 11 astronauts left an Apollo 1 mission patch and two Soviet cosmonaut medals on the surface of the moon, next to the ladder of the Lunar Module. Why did the astronauts leave an Apollo 1 mission patch on the moon? Who did the Soviet cosmonaut medals belong to? [Answer: page 165.]
4. Who were the “Mercury Seven?” Who were the “Mercury Thirteen?” [Answer: page 27, page 163.]
5. Who was the first man to go into space? Who was the last man to stand on the moon? [Answer: page 23, page 34.]
6. Neil Armstrong stepped onto the surface of the moon in 1969—it took less than ten years of focused national effort to put him there. Thirty-five years later, in Anthony’s time, why have no humans stood on the surface of Mars? [Answer: page 33, page 165.]
7. Who was Wernher von Braun? What did he do for Adolph Hitler during World War II? What did he do for Walt Disney in the 1950s? [Answer: page 163.]
8. Who was Robert Goddard? Why is there a national monument to him on a golf course in Massachusetts? [Answer: page 205.]
9. When Americans looked up at the night sky in October 1957, what unnatural sight did they see? [Answer: page 23.]
10. What do smoke detectors, artificial heart pumps, golf balls, cordless drills, freeze-dried coffee, sunglasses, virtual reality games, and land-mine removal systems have in common? [Answer: page 32, page 164.]
11. Where is Voyager? [Answer: page 165.]
12. Anthony said that he saw the earth rise above the horizon of the moon—he said that he witnessed an “earthrise.” But that is not possible. Why? [Answer: page 161.]
13. What happened the day the earth stood still? [Answer: page 203.]
14. What is the moral of Chapter 2? [Answer: page 18.]

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CHAPTER 3: TO AMERICA I WILL GO

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1. The first immigrant to walk through the doors to America on Ellis Island was 15-year-old Annie Moore, on January 1, 1892. Where was Annie from? Who was Annie traveling with? How many bags of luggage did Annie have? [Answer: page 206.]
2. Anthony said that a doctor used a metal buttonhook to upturn and look under his eyelids when he arrived at Ellis Island; Anthony said that the procedure hurt. What was the doctor looking for? Is this why immigrants called Ellis Island the “Island of Tears?” [Answer: page 167.]
3. Why did Anthony’s great-great-grandfather, Francesco, come to America? [Answer: page 43, page 168.]
4. What is “Certified True Neapolitan Pizza?” How did Pizza Margherita get its name? Who opened the first pizzeria in the United States? [Answer: page 168, page 169.]
5. Anthony said that the New York City public school teachers wanted to “Americanize” his great-grandfather, Antonio. What did Anthony mean by the term “Americanize?” [Answer: page 45.]
6. In 1914, during the first Christmas of World War I, enemy soldiers left the safety of their trenches, and climbed over barbed wire fences, to exchange gifts and sing a song in the middle of No Mans Land. What song did the soldiers sing? [Answer: page 170.]
7. Anthony’s great-grandfather, Antonio, survived the Battle of Caporetto in October 1917; the Italian Army suffered 500,000 casualties. A Red Cross ambulance driver, who also survived, later became a famous author and wrote about the battle. What was the ambulance driver’s name? What was the title of his book? [Answer: page 170.]
8. What is the name of the popular, modern-day raincoat that was originally designed for World War I soldiers engaged in trench warfare? What is gabardine? [Answer: page 169.]
9. Can the carbonated tonic water sold in the soda-pop section of modern-day grocery stores cure malaria? [Answer: page 171.]
10. Anthony enjoyed eating lunch with his great-grandfather, Antonio, at the “Automatic Restaurant”—the Automat—in Times Square, New York. Who opened the first Automat in the United States? Why were the Automat cashiers called “nickel throwers?” [Answer: page 52, page 171.]
11. In 1923, Anthony helped his great-grandfather, Antonio, deliver player pianos—Anthony pretended to be “tickling the ivories” as his great-grandfather drove the delivery truck through town. What did the phrase, “tickling the ivories,” mean? Why did sales of player pianos decline after World War I? [Answer: page 172.]
12. At what amusement park did Anthony ride a wooden horse in a race? [Answer: page 52, page 172.]
13. In 1916, why did Nathan Handwerker surround his hot dog stand on Coney Island with men in white gowns? [Answer: page 172.]

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14. What happened on October 24, 1929? [Answer: page 55.]
15. In 1932, why did 20,000 World War I veterans march on the capitol in Washington, DC? Why did General Douglas MacArthur, Major Dwight Eisenhower, and Major George Patton run them out of town? [Answer: page 57, page 173.]
16. In 1931, what was the tallest building in the world? In what year did a very large gorilla climb to the top of it? In what year did a B-25 bomber crash into it? [Answer: page 57, page 172.]
17. What did Anthony see in the photographs taken by Dorothea Lange in 1936? [Answer: page 58, page 173.]
18. When Anthony met his other great-grandfather, Vincenzo, a robber was holding a gun to his great-grandfather's head. Why? Where was his great-grandfather at the time? [Answer: page 61.]
19. Was Anthony's great-grandmother, Rosina, a "flapper"? [Answer: page 61, page 174.]
20. Anthony's great-grandmother, Rosina, cut her fingers while using a Comptometer. What was a Comptometer? [Answer: page 174.]
21. Anthony said that the experience of the Great Depression had a powerful, lifelong effect on his great-grandfathers. Why? [Answer: page 62.]
22. What future rock-and-roll star did Anthony meet in his great-grandfather's grocery store in 1938? [Answer: page 174.]
23. What did Anthony's great-grandfather, Antonio, mean when he said, "...in America, my past is not my future—if I don't want it to be?" [Answer: page 63.]
24. What did Anthony mean when he said, "...I can only be an American by choice"? [Answer: page 66.]
25. What does "E Pluribus Unum" mean? [Answer: page 175.]
26. Who lived in Monticello? [Answer: page 210.]
27. Where can you find America's "heart and soul"? [Answer: page 209.]
28. When did Mr. Smith go to Washington? [Answer: page 209.]
29. What is the moral of Chapter 3? [Answer: page 36.]

CHAPTER 4: STEPS ACROSS THE ATLANTIC

FINAL EXAM

1. The first time Anthony saw the *Spirit of St. Louis*, it was hanging from a very high ceiling by wires. Where did Anthony first see the *Spirit of St. Louis*? [Answer: page 70, page 211.]
2. Raymond Orteig offered a prize of \$25,000 to the first aviator to fly nonstop from New York to Paris. Charles Lindbergh wanted to win the Orteig prize, but he took off for Paris without waiting for the Orteig prize committee to approve his application—Lindbergh took off knowing he was ineligible for the prize. Why did Lindbergh forfeit his chance to win the prize? [Answer: page 74.]
3. What was the ANSARI X prize? Who won it? [Answer: page 175.]
4. Just before Charles Lindbergh took off for Paris on the morning of May 20, 1927, Anthony saw a schoolteacher give something to Lindbergh to protect him during the flight. What was it? [Answer: page 70, page 175.]
5. Why was a periscope built into the cockpit of Lindbergh’s plane? [Answer: page 73.]
6. Why did Lindbergh name his plane the *Spirit of St. Louis*? [Answer: page 73.]
7. What did Anthony say is the difference between a dream and a decision? Why did Anthony say that Lindbergh *decided* to be the first person to fly nonstop from New York to Paris? [Answer: page 79.]
8. Unlike all the pilots who had attempted the transatlantic flight before him, Lindbergh chose to fly alone—without a crew—even though it meant he would have to stay awake for more than thirty hours. Why did Lindbergh choose to fly alone? [Answer: page 79.]
9. Anthony was in the cockpit of the Spirit of St. Louis with Charles Lindbergh when they landed in Paris. Who was the other twelve-year-old American boy who saw Lindbergh land? What was the other boy doing at the airfield in Paris? [Answer: page 83.]
10. Charles Lindbergh wrote a book about his life and his transatlantic flight: *We*. Who is Lindbergh referring to when he says, “We?” [Answer: page 210.]
11. What became of Roosevelt Airfield—the New York airfield from which Lindbergh took off for Paris? Where is Kill Devil Hill? [Answer: page 211.]
12. In what year did actor and World War II B-24 bomber pilot Jimmy Stewart play Charles Lindbergh in the movie, *Spirit of St. Louis*? [Answer: page 211.]
13. What is the moral of Chapter 4? [Answer: page 68.]

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1. The first telegraph message was sent on May 24, 1844. The message was: “What hath God wrought?” Who sent the message? [Answer: page 176.]
2. Thomas Edison tried to invent the telephone answering machine in 1877—just one year after Alexander Graham Bell invented the telephone—but wound up inventing the phonograph instead. How did that happen? [Answer: page 87.]
3. Why was Alexander Graham Bell “astonished” when Thomas Edison invented the phonograph? [Answer: page 88.]
4. Anthony said that Thomas Edison manufactured talking dolls for little girls. Where can you see—on the Internet—the November 22, 1888, newspaper article about Edison’s talking dolls? [Answer: page 177, page 178.]
5. Anthony said that Thomas Edison did not invent the electric light—Edison invented an electric light that lasted longer. Edison had to do this, Anthony said, to succeed in his real plan—his plan to build an electric power company. Why was a long-lasting electric light so important to Edison’s plan? [Answer: page 89, page 90.]
6. Why did Thomas Edison invent the Electric Chair? [Answer: page 178.]
7. In 1894, when Anthony put a nickel into the coin slot of a Kinetoscope, and peered into the machine’s eyepiece, what did he see? [Answer: page 95.]
8. In 1900, George Eastman manufactured a product simple enough for children to use, called the Brownie. What was a Brownie? [Answer: page 179.]
9. In 1903, Thomas Edison produced a movie called *The Great Train Robbery*, with a story based on the exploits of real-life bandits Butch Cassidy and the Sundance Kid. What was special about the way the movie was produced and edited? [Answer: page 92, page 178.]
10. Who was Annie Oakley? Why did she fire a gun in Thomas Edison’s movie studio in West Orange, New Jersey? [Answer: page 95, page 179.]
11. Where can you see Thomas Edison’s Menlo Park laboratory, exactly as Anthony saw it in 1879? [Answer: page 212.]
12. Thomas Edison gave Anthony the secret to his business success. What did Edison say it was? [Answer: page 95.]
13. Anthony thinks that three things contributed to Thomas Edison’s success. What did Anthony say the three things were? [Answer: page 98.]
14. What is the moral of Chapter 5? [Answer: page 84.]

CHAPTER 6: FOR YOUR TOMORROW

FINAL EXAM

1. What happened on the morning of June 6, 1944? What order did General Dwight D. Eisenhower give to his troops that morning? What did President Franklin Delano Roosevelt say to the American people as he led them in prayer that morning? [Answer: page 103, page 181.]
2. On the morning of June 6, 1944, why was General George S. Patton commanding an army division made up of imaginary soldiers and cardboard ships, tanks, and guns? [Answer: page 181.]
3. What was the longest day? [Answer: page 213.]
4. Who was Adolph Hitler? What is a “Nazi?” How did the Nazis begin their quest for world domination? [Answer: page 181.]
5. Who was Ernie Pyle? Why did Anthony say, “...there are no reporters like Ernie Pyle in my time”? [Answer: page 105, page 182.]
6. Why did Anthony call the American soldiers coming ashore at Normandy “human shields”? [Answer: page 105, page 182.]
7. What happened to the little French girl that Anthony gave a candy bar to? [Answer: page 106, page 183.]
8. The words above the entrance gate to the Auschwitz-Birkenau concentration camp said: “Work Shall Set You Free.” Anthony said that the words above the gate were a deception. Why were the words a deception? What did Anthony see in the camp? [Answer: page 108.]
9. What was Adolph Hitler’s plan for the Jews? Who said: “The creation of Israel is a mistake that must be erased”? [Answer: page 108, page 184.]
10. Why did Anthony say that “Hitler’s evil was never hidden at all”—that Hitler’s evil was on display long before the war began? Where does Anthony see similar evil in his own time? [Answer: page 111, page 184.]
11. Who destroyed the Auschwitz-Birkenau concentration camp? Why? [Answer: page 108.]
12. Anthony met several Holocaust survivors. Alan Zimm was one of them. When Alan Zimm was liberated from the Bergen-Belsen concentration camp by Allied troops, why did he say that many of the newly freed prisoners “couldn’t believe it” and that they “were still afraid”? [Answer: page 111.]
13. Where can you see and touch evidence of the Shoah, and hear the testimony of its witnesses? [Answer: page 215.]
14. What does “Dine Bizaad Yee Atah Naayee Yik’eh Deesdlii” mean? [Answer: page 186.]
15. Where is the American flag that was raised on Iwo Jima in 1945? [Answer: page 216.]

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16. Anthony said that the orders given to Japanese soldiers on Iwo Jima in 1945, sounded a lot like the orders given to Islamic terrorists and suicide bombers in his own time. Why did Anthony say that? [Answer: page 111, page 185.]
17. On July 16, 1945, physicist J. Robert Oppenheimer said: “Now I am become Death, destroyer of worlds.” Why did he say this? Where was he standing at the time he said this? [Answer: page 186, page 216.]
18. Who were the “Tuskegee Airmen?” [Answer: page 186.]
19. What did Colonel Tibbets, the pilot of the *Enola Gay*, say was the real reason the United States dropped the atomic bomb on Hiroshima, Japan? [Answer: page 114, page 116.]
20. Anthony said that World War II had claimed the lives of more than thirty-six million people before the *Enola Gay* had even taken off for Hiroshima. He said that previous bombing missions over Japan caused more death and destruction than the atomic bomb blast. What did Anthony think was the real horror of nuclear weapons? What frightened him most about the atomic bomb? [Answer: page 114, page 187.]
21. What is MAD? What is Launch-on-Warning? What is a Missile Shield? How did a computer game almost cause a nuclear war in 1980? [Answer: page 187.]
22. When a second atomic bomb was dropped on the Japanese city of Nagasaki, Anthony said: “...the second atomic bomb almost didn’t end the war, either.” Why not? Who snuck into the Japanese emperor’s palace in Tokyo in the middle of the night to kidnap him and stop him from surrendering to the Americans? [Answer: page 116.]
23. Who was Audie Murphy? [Answer: page 117, page 189.]
24. Why did Anthony say that the “horrors” he had seen during World War II were “connected” and had a single cause? What was that single cause? [Answer: page 116, page 188.]
25. Why did Anthony say that the lesson of World War II “still hasn’t been learned in my own time”? What do the events of Anthony’s time—9/11, Rwanda, Sudan, Afghanistan, Iraq, a fence dispute—have to do with World War II? [Answer: page 116, page 188.]
26. Joseph Stalin, the Soviet dictator, was every bit as evil as Adolph Hitler. Why did America ally with Joseph Stalin during World War II? [Answer: page 183.]
27. Who said this about America: “Our strength as well as our convictions have imposed upon this nation the role of leader in freedom’s cause”? [Answer: page 185.]
28. Where is the USS *Arizona*? Where is the National World War II Memorial? [Answer: page 216, page 217.]
29. Who was Rosie the Riveter? [Answer: page 217.]
30. Where is the Tomb of the Unknown Soldier? [Answer: page 217.]
31. What is the moral of Chapter 6? [Answer: page 100.]

1. Why did Lou Gehrig's mother want Lou to go to college and become an engineer, and not become a baseball player? Who was George P. Burdell? [Answer: page 123.]
2. Lou Gehrig told Anthony the secret to his success as a baseball player. What was it? [Answer: page 124.]
3. X-ray tests revealed that every one of Lou Gehrig's fingers had been broken, and his hands had been fractured seventeen times—but all the bone damage had healed naturally, because Lou had never sought medical attention. Why did Lou Gehrig play hundreds of baseball games with broken hands and fingers? [Answer: page 127.]
4. Why did people call Lou Gehrig the “Iron Horse” of baseball? [Answer: page 126.]
5. Why did Anthony say that Lou Gehrig was a better role model—and more deserving of admiration—than the athletes in his own time? [Answer: page 127, page 191.]
6. Why did Lou Gehrig voluntarily take himself out of the Yankees lineup after playing a record 2,130 consecutive games? [Answer: page 127.]
7. Anthony said that doctors at the Mayo Clinic gave Lou Gehrig a death sentence on his thirty-sixth birthday—they gave him a diagnosis of ALS. What is ALS? [Answer: page 129, page 192.]
8. On July 4, 1939, unable to play baseball and facing death from ALS, Lou Gehrig told sixty-one thousand of his fans in Yankee Stadium that he was “the luckiest man on the face of the earth.” Why did Lou Gehrig say that? [Answer: page 130.]
9. Immediately after getting married in a room full of carpenters, wallpaper hangers, plumbers, and painters, where did Lou Gehrig and a bunch of motorcycle cops take his new wife? [Answer: page 133.]
10. During World War II, major league baseball parks almost went bankrupt because there were no baseball players—all able-bodied men had been drafted into the army. What did Philip Wrigley, owner of the chewing-gum company and the Chicago Cubs, do about the situation? [Answer: page 218.]
11. Where is “Gehrigville?” Where is the world's largest baseball bat? Where is the Field of Dreams? [Answer: page 218.]
12. Who was Jackie Robinson? [Answer: page 218.]
13. Anthony said that he watched in “horror” as Babe Ruth ate a whole plateful of pickled eels for dinner at Lou Gehrig's house. Why did Babe Ruth eat pickled eels? [Answer: page 190.]
14. How did Lou Gehrig help boxing champion Rocky Graziano by recommending he spend more time in jail? [Answer: page 192.]
15. What is the moral of Chapter 7? [Answer: page 120.]

1. Why did parents not let their children go swimming during the summer of 1952? How did “Summers of Fun” turn into “Summers of Fear?” [Answer: page 136, page 139.]
2. What causes polio? How did modern technology and cleanliness cause a polio epidemic? [Answer: page 136, page 139.]
3. What is an Iron Lung? [Answer: page 136.]
4. Why did President Franklin Delano Roosevelt buy the Meriwether Inn, in Warm Springs, Georgia, in 1926? Why did he open the doors of the inn to people who couldn’t pay? Why did Americans dance on anniversaries of FDR’s birthday? [Answer: page 139.]
5. In 1796, why did Dr. Edward Jenner scratch an eight-year-old boy’s arm with a knife, and then place diseased tissue from a cowpox-infected cow into the wound? In 1885, why did chemist Louis Pasteur inject dried rabies germs into a small boy who had been bitten by wild dogs? [Answer: page 140.]
6. Why did the first polio vaccines—developed in 1935—fail? [Answer: page 140, page 143-144.]
7. Who coined the term, “March of Dimes?” Why is FDR’s portrait on the dime? [Answer: page 140, page 193.]
8. In 1943—during World War II—why did the U.S. Army ask Dr. Thomas Francis to develop a flu vaccine? What nightmare scenario did the army want to prevent from happening—again? Why did Dr. Francis hire Dr. Jonas Salk? What contribution did Dr. Jonas Salk make to the development of the flu vaccine? [Answer: page 143.]
9. Dr. Salk developed a “killed-poliovirus” vaccine in 1953. Dr. Sabin developed a “live-poliovirus” vaccine in 1958. Both vaccines were used in the United States, but which vaccine did the U.S. Department of Health say—in the year 2000—could actually cause polio? [Answer: page 151.]
10. What was the world’s reaction to the news that Dr. Salk’s polio vaccine worked? [Answer: page 149.]
11. Who were the “Polio Pioneers?” Why were their parents brave and hopeful? What was the “Cutter Laboratory Incident”—and why did Anthony say it weighed heavily on Dr. Salk’s soul? [Answer: page 149, page 150.]
12. Who did Dr. Salk say owned the patent on the polio vaccine? [Answer: page 150.]
13. What did Dr. Jonas Salk want to do with his life? Did he do it? [Answer: page 143, page 152.]
14. Do vaccines save lives? Do vaccines have risks? [Answer: page 195.]
15. What is the moral of Chapter 8? [Answer: page 134.]

1. What happened at 8:46:40 a.m. on September 11, 2001? [Answer: page 195, page 184-185.]
2. Who said: “We have declared a bitter war against democracy and all those who seek to enact it”? [Answer: page 195.]
3. Why does Anthony say that there is a “new World War” in his time? Who is fighting it? [Answer: page 156.]
4. Anthony’s e-mail pen pal, Miraja, is a young girl who lives in Afghanistan and attends school there. But in 1996, the education of girls was banned in Afghanistan. Why is Miraja in school? [Answer: page 155.]
5. What did the Iraqi people do for the first time in their nation’s history, on January 30, 2005? [Answer: page 196.]
6. Who was Pat Tillman? Who was Mike Moran? [Answer: page 219, page 221.]
7. After watching the news on TV with his father, Anthony said that he lives in a “troubled time”—punctuated by “absurd reasoning and outright contradictions.” What did Anthony mean? What were some of the examples Anthony’s gave? Is Anthony right? [Answer: page 157, page 196-198.]
8. Why does Anthony say that “the purpose of life is to live a life of purpose, and doing the right thing always matters”? [Answer: page 157.]
9. Where is the *Last Judgment*? [Answer: page 222.]
10. What does Anthony imagine the people he met in the past—Neil Armstrong, Buzz Aldrin, his great-grandfather, Charles Lindbergh, Thomas Edison, Audie Murphy, Lou Gehrig, FDR, Jonas Salk—would do, if they could step through the Picture Frame and into Anthony’s time? [Answer: page 157.]
11. Who said: “Can the liberties of a nation be secure when we have removed a conviction that these liberties are the gift of God”? Where can you see those words inscribed in stone? [Answer: page 195.]
12. How many years did Anthony spend in the past? [Answer: page 161.]
13. Does Anthony like cinnamon rolls? [Answer: page 158.]
14. Why is Anthony unafraid of the future? [Answer: page 158.]
15. Who said: “And surely I am with you always, until the very end of time”? [Answer: page 158.]
16. What is the moral of Chapter 9? [Answer: page 154.]