



# The Holocaust

## MAIN IDEA

**EMPIRE BUILDING** During the Holocaust, Hitler's Nazis killed six million Jews and five million other "non-Aryans."

## WHY IT MATTERS NOW

The violence against Jews during the Holocaust led to the founding of Israel after World War II.

## TERMS & NAMES

- Aryan
- Holocaust
- *Kristallnacht*
- "Final Solution"
- genocide
- ghetto

**SETTING THE STAGE** As part of their vision for Europe, the Nazis proposed a new racial order. They proclaimed that the Germanic peoples, or **Aryans**, were a "master race." (This was a misuse of the term *Aryan*. The term actually refers to the Indo-European peoples who began to migrate into the Indian subcontinent around 1500 B.C.) The Nazis claimed that all non-Aryan peoples, particularly Jewish people, were inferior. This racist message would eventually lead to the **Holocaust**, the systematic mass slaughter of Jews and other groups judged inferior by the Nazis.

## TAKING NOTES

**Analyzing Bias** Use a web diagram to identify examples of Nazi persecution.



## The Holocaust Begins

To gain support for his racist ideas, Hitler knowingly tapped into a hatred for Jews that had deep roots in European history. For generations, many Germans, along with other Europeans, had targeted Jews as the cause of their failures. Some Germans even blamed Jews for their country's defeat in World War I and for its economic problems after that war.

In time, the Nazis made the targeting of Jews a government policy. The Nuremberg Laws, passed in 1935, deprived Jews of their rights to German citizenship and forbade marriages between Jews and non-Jews. Laws passed later also limited the kinds of work that Jews could do.

**"Night of Broken Glass"** Worse was yet to come. Early in November 1938, 17-year-old Herschel Grynszpan (GRIHN•shpahn), a Jewish youth from Germany, was visiting an uncle in Paris. While Grynszpan was there, he received a postcard. It said that after living in Germany for 27 years, his father had been deported to Poland. On November 7, wishing to avenge his father's deportation, Grynszpan shot a German diplomat living in Paris.

When Nazi leaders heard the news, they launched a violent attack on the Jewish community. On November 9, Nazi storm troopers attacked Jewish homes, businesses, and synagogues across Germany and murdered close to 100 Jews. An American in Leipzig wrote, "Jewish shop windows by the hundreds were systematically . . . smashed. . . . The main streets of the city were a positive litter of shattered plate glass." It is for this reason that the night of November 9 became known as ***Kristallnacht*** (krih•STAHL•NAHKT), or "Night of Broken Glass." A 14-year-old boy described his memory of that awful night:

## PRIMARY SOURCE

All the things for which my parents had worked for eighteen long years were destroyed in less than ten minutes. Piles of valuable glasses, expensive furniture, linens—in short, everything was destroyed. . . . The Nazis left us, yelling, “Don’t try to leave this house! We’ll soon be back again and take you to a concentration camp to be shot.”

M. I. LIBAU, quoted in *Never to Forget: The Jews of the Holocaust*

*Kristallnacht* marked a major step-up in the Nazi policy of Jewish persecution. The future for Jews in Germany looked truly grim.

**A Flood of Refugees** After *Kristallnacht*, some Jews realized that violence against them was bound to increase. By the end of 1939, a number of German Jews had fled to other countries. Many however, remained in Germany. Later, Hitler conquered territories in which millions more Jews lived.

At first, Hitler favored emigration as a solution to what he called “the Jewish problem.” Getting other countries to continue admitting Germany’s Jews became an issue, however. After admitting tens of thousands of Jewish refugees, such countries as France, Britain, and the United States abruptly closed their doors to further immigration. Germany’s foreign minister observed, “We all want to get rid of our Jews. The difficulty is that no country wishes to receive them.”

**Isolating the Jews** When Hitler found that he could not get rid of Jews through emigration, he put another plan into effect. He ordered Jews in all countries under his control to be moved to designated cities. In those cities, the Nazis herded the Jews into dismal, overcrowded **ghettos**, or segregated Jewish areas. The Nazis then sealed off the ghettos with barbed wire and stone walls. They hoped that the Jews inside would starve to death or die from disease. **A**

Even under these horrible conditions, the Jews hung on. Some, particularly the Jews in Warsaw, Poland, formed resistance organizations within the ghettos. They also struggled to keep their traditions. Ghetto theaters produced plays and concerts. Teachers taught lessons in secret schools. Scholars kept records so that one day people would find out the truth.

## The “Final Solution”

Hitler soon grew impatient waiting for Jews to die from starvation or disease. He decided to take more direct action. His plan was called the “**Final Solution**.” It was actually a program of **genocide**, the systematic killing of an entire people.



▲ After 1941, all Jews in German-controlled areas had to wear a yellow Star of David patch.

▼ German soldiers round up Jews in the Warsaw ghetto.

### MAIN IDEA

#### Recognizing Effects

**A** What steps did Hitler take to rid Germany of Jews?



Hitler believed that his plan of conquest depended on the purity of the Aryan race. To protect racial purity, the Nazis had to eliminate other races, nationalities, or groups they viewed as inferior—as “subhumans.” They included Roma (gypsies), Poles, Russians, homosexuals, the insane, the disabled, and the incurably ill. But the Nazis focused especially on the Jews. **B**

**The Killings Begin** As Nazi troops swept across Eastern Europe and the Soviet Union, the killings began. Units from the SS (Hitler’s elite security force) moved from town to town to hunt down Jews. The SS and their collaborators rounded up men, women, children, and even babies and took them to isolated spots. They then shot their prisoners in pits that became the prisoners’ graves.

Jews in communities not reached by the killing squads were rounded up and taken to concentration camps, or slave-labor prisons. These camps were located mainly in Germany and Poland. Hitler hoped that the horrible conditions in the camps would speed the total elimination of the Jews.

The prisoners worked seven days a week as slaves for the SS or for German businesses. Guards severely beat or killed their prisoners for not working fast enough. With meals of thin soup, a scrap of bread, and potato peelings, most prisoners lost 50 pounds in the first few months. Hunger was so intense, recalled one survivor, “that if a bit of soup spilled over, prisoners would . . . dig their spoons into the mud and stuff the mess in their mouths.”

**The Final Stage** Hitler’s war on the Jews turned toward the “Final Solution” in 1942. The Nazis built extermination camps equipped with huge gas chambers that could kill as many as 6,000 human beings in a day. (See the map on page 953.)

When prisoners arrived at Auschwitz (OUSH•vihts), the largest of the extermination camps, they paraded before a committee of SS doctors. With a wave of the hand, these doctors separated the strong—mostly men—from the weak—mostly women, young children, the elderly, and the sick. Those labeled as weak would die that day. They were told to undress for a shower and then led into a chamber with

**MAIN IDEA**

**Analyzing Bias**

**B** How was the “Final Solution” a natural outcome of Nazi racial theory?

## History *in* Depth

### Jewish Resistance

Even in the extermination camps, Jews rose up and fought against the Nazis. At Treblinka in August 1943, and at Sobibor in October 1943, small groups of Jews revolted. They killed guards, stormed the camp armories and stole guns and grenades, and then broke out. In both uprisings, about 300 prisoners escaped. Most were killed soon after. Of those who survived, many joined up with partisan groups and continued to fight until the end of the war.

Late in 1944, prisoners at Auschwitz revolted, too. Like the escapees at Treblinka and Sobibor, most were caught and killed. Young women like Ella Gartner and Roza Robotka made the Auschwitz uprising possible. Gartner smuggled gunpowder into the camp from the munitions factory where she worked. Robotka helped organize resistance in the camp. Gartner and Robotka were executed on January 6, 1945. Less than a month later, Auschwitz was liberated.



▲ Ella Gartner



▶ Roza Robotka

Jews Killed Under Nazi Rule*			
	Original Jewish Population	Jews Killed	Percent Surviving
Poland	3,300,000	2,800,000	15%
Soviet Union (area occupied by Germans)	2,100,000	1,500,000	29%
Hungary	404,000	200,000	49%
Romania	850,000	425,000	50%
Germany/Austria	270,000	210,000	22%
*Estimates		Source: Hannah Vogt, <i>The Burden of Guilt</i>	

fake showerheads. After the doors were closed, cyanide gas or carbon dioxide poured from the showerheads or holes in the ceiling. All inside were killed in a matter of minutes. Later, the Nazis installed crematoriums, or ovens, to burn the bodies.

**The Survivors** Some six million European Jews died in these death camps and in Nazi massacres. Fewer than four million survived. Some escaped the horrors of the death camps with help from non-Jewish people. These rescuers, at great risk to their own lives, hid Jews in their homes or helped them escape to neutral countries.

Those who survived the camps were changed forever by what they had experienced. As Elie Wiesel, nearly 15 years old when he entered Auschwitz, noted:

#### PRIMARY SOURCE

Never shall I forget the little faces of the children, whose bodies I saw turned into wreaths of smoke beneath a silent blue sky. Never shall I forget those flames which consumed my faith forever. . . . Never shall I forget those moments which murdered my God and my soul and turned my dreams to dust. . . . Never.

ELIE WIESEL, quoted in *Night*

## SECTION

# 3

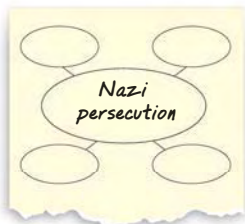
## ASSESSMENT

**TERMS & NAMES** 1. For each term or name, write a sentence explaining its significance.

- Aryan
- Holocaust
- *Kristallnacht*
- ghetto
- “Final Solution”
- genocide

### USING YOUR NOTES

2. What Nazi actions were part of the “Final Solution”?



### MAIN IDEAS

3. What was the new racial order proposed by the Nazis?
4. What Nazi action marked the final stage of the “Final Solution”?
5. How did some non-Jews oppose Hitler’s “Final Solution”?

### CRITICAL THINKING & WRITING

6. **ANALYZING MOTIVES** Why might people want to blame a minority group for most of their country’s problems?
7. **MAKING INFERENCES** Why do you think the German people went along with the Nazi policy of persecution of the Jews?
8. **RECOGNIZING EFFECTS** What impact did the Holocaust have on the Jewish population of Europe?
9. **WRITING ACTIVITY** **SCIENCE AND TECHNOLOGY** Write a **persuasive essay** discussing how German scientists, engineers, and doctors asked to participate in the Holocaust might have opposed Hitler’s policy.

### CONNECT TO TODAY CREATING A MAP

Find information on instances of genocide and ethnic cleansing in the last 20 years. Use the information to create an **annotated map** titled “Genocide in the Late 20th Century.”



# The Allied Victory

## MAIN IDEA

**EMPIRE BUILDING** Led by the United States, Great Britain, and the Soviet Union, the Allies scored key victories and won the war.

## WHY IT MATTERS NOW

The Allies' victory in World War II set up conditions for both the Cold War and today's post-Cold War world.

## TERMS & NAMES

- Dwight D. Eisenhower
- Battle of Stalingrad
- D-Day
- Battle of the Bulge
- kamikaze

**SETTING THE STAGE** On December 22, 1941, just after Pearl Harbor, Winston Churchill and President Roosevelt met at the White House to develop a joint war policy. Stalin had asked his allies to relieve German pressure on his armies in the east. He wanted them to open a second front in the west. This would split the Germans' strength by forcing them to fight major battles in two regions instead of one. Churchill agreed with Stalin's strategy. The Allies would weaken Germany on two fronts before dealing a deathblow. At first, Roosevelt was torn, but ultimately he agreed.

## TAKING NOTES

### Recognizing Effects

Use a chart to identify the outcomes of several major World War II battles.

Battle	Outcome
Battle of El Alamein	
Battle of Stalingrad	
D-Day Invasion	

## The Tide Turns on Two Fronts

Churchill wanted Britain and the United States to strike first at North Africa and southern Europe. The strategy angered Stalin. He wanted the Allies to open the second front in France. The Soviet Union, therefore, had to hold out on its own against the Germans. All Britain and the United States could offer in the way of help was supplies. Nevertheless, late in 1942, the Allies began to turn the tide of war both in the Mediterranean and on the Eastern Front.

**The North African Campaign** As you recall from Section 1, General Erwin Rommel took the key Libyan port city of Tobruk in June 1942. With Tobruk's fall, London sent General Bernard Montgomery—"Monty" to his troops—to take control of British forces in North Africa. By the time Montgomery arrived, however, the Germans had advanced to an Egyptian village called El Alamein (AL•uh•MAYN), west of Alexandria. (See the map on page 942.) They were dug in so well that British forces could not go around them. The only way to dislodge them, Montgomery decided, was with a massive frontal attack. The Battle of El Alamein began on the night of October 23. The roar of about 1,000 British guns took the Axis soldiers totally by surprise. They fought back fiercely and held their ground for several days. By November 4, however, Rommel's army had been beaten. He and his forces fell back.

As Rommel retreated west, the Allies launched Operation Torch. On November 8, an Allied force of more than 100,000 troops—mostly Americans—landed in Morocco and Algeria. American general [Dwight D. Eisenhower](#) led this force. Caught between Montgomery's and Eisenhower's armies, Rommel's Afrika Korps was finally crushed in May 1943.

**The Battle for Stalingrad** As Rommel suffered defeats in North Africa, German armies also met their match in the Soviet Union. The German advance had stalled at Leningrad and Moscow late in 1941. And the bitter winter made the situation worse. When the summer of 1942 arrived, however, Hitler sent his Sixth Army, under the command of General Friedrich Paulus, to seize the oil fields in the Caucasus Mountains. The army was also to capture Stalingrad (now Volgograd), a major industrial center on the Volga River. (See the map on page 942.)

The **Battle of Stalingrad** began on August 23, 1942. The Luftwaffe went on nightly bombing raids that set much of the city ablaze and reduced the rest to rubble. The situation looked desperate. Nonetheless, Stalin had already told his commanders to defend the city named after him to the death.

By early November 1942, Germans controlled 90 percent of the ruined city. Then another Russian winter set in. On November 19, Soviet troops outside the city launched a counterattack. Closing in around Stalingrad, they trapped the Germans inside and cut off their supplies. General Paulus begged Hitler to order a retreat. But Hitler refused, saying the city was “to be held at all costs.” **A**

On February 2, 1943, some 90,000 frostbitten, half-starved German troops surrendered to the Soviets. These pitiful survivors were all that remained of an army of 330,000. Stalingrad’s defense had cost the Soviets over one million soldiers. The city was 99 percent destroyed. However, the Germans were now on the defensive, with the Soviets pushing them steadily westward.

**The Invasion of Italy** As the Battle of Stalingrad raged, Stalin continued to urge the British and Americans to invade France. However, Roosevelt and Churchill decided to attack Italy first. On July 10, 1943, Allied forces landed on Sicily and captured it from Italian and German troops about a month later.

The conquest of Sicily toppled Mussolini from power. On July 25, King Victor Emmanuel III had the dictator arrested. On September 3, Italy surrendered. But the Germans seized control of northern Italy and put Mussolini back in charge. Finally, the Germans retreated northward, and the victorious Allies entered Rome on June 4, 1944. Fighting in Italy, however, continued until Germany fell in May 1945. On April 27, 1945, Italian resistance fighters ambushed some German trucks near the northern Italian city of Milan. Inside one of the trucks, they found Mussolini disguised as a German soldier. They shot him the next day and later hung his body in downtown Milan for all to see.

## The Allied Home Fronts

Wherever Allied forces fought, people on the home fronts rallied to support them. In war-torn countries like the Soviet Union and Great Britain, civilians endured extreme hardships. Many lost their lives. Except for a few of its territories, such as Hawaii, the United States did not suffer invasion or bombing. Nonetheless, Americans at home made a crucial contribution to the Allied war effort. Americans produced the weapons and equipment that would help win the war.



▲ Soviet troops launch an attack during the battle for Stalingrad.

### MAIN IDEA

#### Making Inferences

**A** What advantages might a weaker army fighting on its home soil have over a stronger invading army?



# World War II: Allied Advances, 1942–1945

INTERACTIVE

Axis nations, 1938  
 Axis-controlled, 1942  
 Allies  
 Neutral nations  
 Allied advances  
 Major Battles



### GEOGRAPHY SKILLBUILDER: Interpreting Maps

- 1. Region** Which European countries remained neutral during World War II?
- 2. Movement** What seems to be the destination for most of the Allied advances that took place in Europe during 1943–1944?

**Mobilizing for War** Defeating the Axis powers required mobilizing for total war. In the United States, factories converted their peacetime operations to wartime production and made everything from machine guns to boots. Automobile factories produced tanks. A typewriter company made armor-piercing shells. By 1944, between 17 and 18 million U.S. workers—many of them women—had jobs in war industries.

With factories turning out products for the war, a shortage of consumer goods hit the United States. From meat and sugar to tires and gasoline, from nylon stockings to laundry soap, the American government rationed scarce items. Setting the speed limit at 35 miles per hour also helped to save gasoline and rubber. In European countries directly affected by the war, rationing was even more drastic.

To inspire their people to greater efforts, Allied governments conducted highly effective propaganda campaigns. In the Soviet Union, a Moscow youngster collected enough scrap metal to produce 14,000 artillery shells. And a Russian family used its life savings to buy a tank for the Red Army. In the United States, youngsters saved their pennies and bought government war stamps and bonds to help finance the war.

**War Limits Civil Rights** Government propaganda also had a negative effect. After Pearl Harbor, a wave of prejudice arose in the United States against Japanese Americans. Most lived in Hawaii and on the West Coast. The bombing of Pearl Harbor frightened Americans. This fear, encouraged by government propaganda, was turned against Japanese Americans. They were suddenly seen as “the enemy.” On February 19, 1942, President Roosevelt issued an executive order calling for the internment of Japanese Americans because they were considered a threat to the country. **B**

In March, the military began rounding up “aliens” and shipping them to relocation camps. The camps were restricted military areas located far away from the coast. Such locations, it was thought, would prevent these “enemy aliens” from assisting a Japanese invasion. However, two-thirds of those interned were Nisei, native-born American citizens whose parents were Japanese. Many of them volunteered for military service and fought bravely for the United States, even though their families remained in the camps.

## Victory in Europe

While the Allies were dealing with issues on the home front, they also were preparing to push toward victory in Europe. In 1943, the Allies began secretly building an invasion force in Great Britain. Their plan was to launch an attack on German-held France across the English Channel.

**The D-Day Invasion** By May 1944, the invasion force was ready. Thousands of planes, ships, tanks, and landing craft and more than three million troops awaited the order to attack. General Dwight D. Eisenhower, the commander of this enormous force, planned to strike on the coast of Normandy, in northwestern France. The Germans knew that an attack was coming. But they did not know where it would be launched. To keep Hitler guessing, the Allies set up a huge dummy army with its own headquarters and equipment. This make-believe army appeared to be preparing to attack the French seaport of Calais (ka•LAY).

### Vocabulary

*rationed*: distributed in limited amounts

### MAIN IDEA

#### Analyzing Motives

**B** Why did U.S. government propaganda try to portray the Japanese as sinister?



▲ American schoolchildren helped the war effort by recycling scrap metal and rubber and by buying war bonds.



# The D-Day Invasion, June 6, 1944

INTERACTIVE

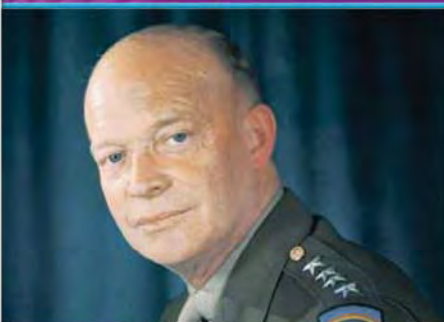
English Channel



## GEOGRAPHY SKILLBUILDER: Interpreting Maps

- Human-Environment Interaction** What environmental problem might have been encountered by 1st Army soldiers landing at Utah Beach?
- Movement** Looking at the map, what might have been the Allied strategy behind parachuting troops into France?

## History Makers



### General Dwight D. Eisenhower 1890–1969

In his career, U.S. General Dwight Eisenhower had shown an uncommon ability to work with all kinds of people—even competitive Allies. His chief of staff said of Eisenhower, “The sun rises and sets on him for me.” He was also wildly popular with the troops, who affectionately called him “Uncle Ike.”

So it was not a surprise when, in December 1943, U.S. Army Chief of Staff George Marshall named Eisenhower as supreme commander of the Allied forces in Europe. The new commander’s “people skills” enabled him to join American and British forces together to put a permanent end to Nazi aggression.

## INTEGRATED TECHNOLOGY

**INTERNET ACTIVITY** Create an illustrated report on Eisenhower’s military career. Go to [classzone.com](http://classzone.com) for your research.

Code-named Operation Overlord, the invasion of Normandy was the largest land and sea attack in history. The invasion began on June 6, 1944—known as **D-Day**. At dawn on that day, British, American, French, and Canadian troops fought their way onto a 60-mile stretch of beach in Normandy. (See the map on this page.) The Germans had dug in with machine guns, rocket launchers, and cannons. They sheltered behind concrete walls three feet thick. Not surprisingly, the Allies took heavy casualties. Among the American forces alone, more than 2,700 men died on the beaches that day.

Despite heavy losses, the Allies held the beachheads. Within a month of D-Day, more than one million additional troops had landed. Then, on July 25, the Allies punched a hole in the German defenses near Saint-Lô (san•LOH), and the United States Third Army, led by General George Patton, broke out. A month later, the Allies marched triumphantly into Paris. By September, they had liberated France, Belgium, and Luxembourg. They then set their sights on Germany.

**The Battle of the Bulge** As Allied forces moved toward Germany from the west, the Soviet army was advancing toward Germany from the east. Hitler now faced a war on two fronts. In a desperate gamble, he decided to counter-attack in the west. Hitler hoped a victory would split American and British forces and break up Allied supply lines. Explaining the reasoning behind his plan, Hitler said, “This battle is to decide whether we shall live or die. . . . All resistance must be broken in a wave of terror.”

On December 16, German tanks broke through weak American defenses along a 75-mile front in the Ardennes. The push into Allied lines gave the campaign its name—the **Battle of the Bulge**. Although caught off guard, the Allies eventually pushed the Germans back. The Germans had little choice but to retreat, since there were no reinforcements available.

### Vocabulary

**beachheads:** enemy shoreline captured just before invading forces move inland

**Germany's Unconditional Surrender** After the Battle of the Bulge, the war in Europe rapidly drew to a close. In late March 1945, the Allies rolled across the Rhine River into Germany. By the middle of April, a noose was closing around Berlin. About three million Allied soldiers approached Berlin from the southwest. Another six million Soviet troops approached from the east. By April 25, 1945, the Soviets had surrounded the capital and were pounding the city with artillery fire.

While Soviet shells burst over Berlin, Hitler prepared for his end in an underground headquarters beneath the crumbling city. On April 29, he married his long-time companion, Eva Braun. The next day, Hitler and Eva Braun committed suicide. Their bodies were then carried outside and burned.

On May 7, 1945, General Eisenhower accepted the unconditional surrender of the Third Reich from the German military. President Roosevelt, however, did not live to witness the long-awaited victory. He had died suddenly on April 12, as Allied armies were advancing toward Berlin. Roosevelt's successor, Harry Truman, received the news of the Nazi surrender. On May 9, the surrender was officially signed in Berlin. The United States and other Allied powers celebrated V-E Day—Victory in Europe Day. After nearly six years of fighting, the war in Europe had ended.

## Victory in the Pacific

Although the war in Europe was over, the Allies were still fighting the Japanese in the Pacific. With the Allied victory at Guadalcanal, however, the Japanese advances in the Pacific had been stopped. For the rest of the war, the Japanese retreated before the counterattack of the Allied powers.

**The Japanese in Retreat** By the fall of 1944, the Allies were moving in on Japan. In October, Allied forces landed on the island of Leyte (LAY•tee) in the Philippines. General Douglas MacArthur, who had been ordered to leave the islands before their surrender in May 1942, waded ashore at Leyte with his troops. On reaching the beach, he declared, “People of the Philippines, I have returned.”

Actually, the takeover would not be quite that easy. The Japanese had devised a bold plan to halt the Allied advance. They would destroy the American fleet, thus preventing the Allies from resupplying their ground troops. This plan, however, required risking almost the entire Japanese fleet. They took this gamble on October 23, in the Battle of Leyte Gulf. Within four days, the Japanese navy had lost disastrously—eliminating it as a fighting force in the war. Now, only the Japanese army and the feared kamikaze stood between the Allies and Japan. The **kamikazes** were Japanese suicide pilots. They would sink Allied ships by crash-diving their bomb-filled planes into them.

In March 1945, after a month of bitter fighting and heavy losses, American Marines took Iwo Jima (EE•wuh JEE•muh), an island 760 miles from Tokyo. On April 1, U.S. troops moved onto the island of Okinawa, only about 350 miles from southern Japan. The Japanese put up a desperate fight. Nevertheless, on June 21, one of the bloodiest land battles of the war ended. The Japanese lost over 100,000 troops, and the Americans 12,000.

▼ U.S. marines raise the Stars and Stripes after their victory at Iwo Jima.



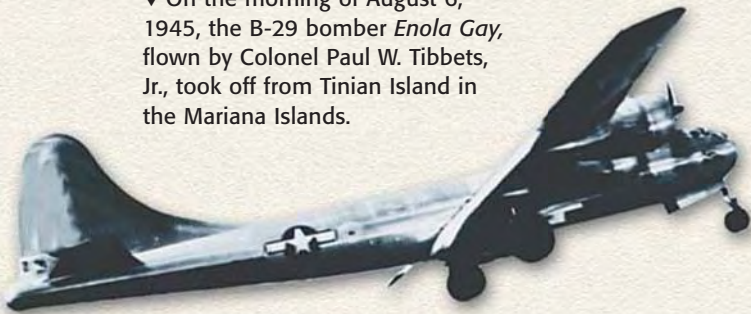
### Vocabulary

These pilots took their name from the *kamikaze*, or “divine wind,” that saved Japan from a Mongol invasion in 1281.

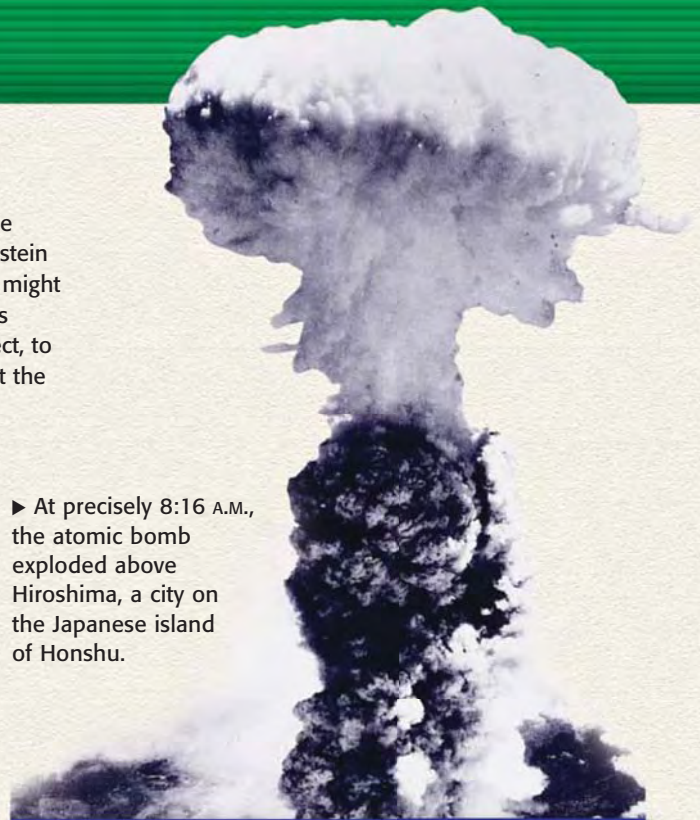
## The Atomic Bomb

On the eve of World War II, scientists in Germany succeeded in splitting the nucleus of a uranium atom, releasing a huge amount of energy. Albert Einstein wrote to President Franklin Roosevelt and warned him that Nazi Germany might be working to develop atomic weapons. Roosevelt responded by giving his approval for an American program, later code-named the Manhattan Project, to develop an atomic bomb. Roosevelt's decision set off a race to ensure that the United States would be the first to develop the bomb.

▼ On the morning of August 6, 1945, the B-29 bomber *Enola Gay*, flown by Colonel Paul W. Tibbets, Jr., took off from Tinian Island in the Mariana Islands.



► At precisely 8:16 A.M., the atomic bomb exploded above Hiroshima, a city on the Japanese island of Honshu.



### Hiroshima: Day of Fire

#### Impact of the Bombing

Ground temperatures	7,000°F
Hurricane force winds	980 miles per hour
Energy released	20,000 tons of TNT
Buildings destroyed	62,000 buildings
Killed immediately	70,000 people
Dead by the end of 1945	140,000 people
Total deaths related to A-bomb	210,000 people

The overwhelming destructive power of the Hiroshima bomb, and of the bomb dropped on Nagasaki three days later, changed the nature of war forever. Nuclear destruction also led to questions about the ethics of scientists and politicians who chose to develop and use the bomb.

### Patterns of Interaction video series

*Arming for War: Modern and Medieval Weapons*

Just as in World War I, the conflicts of World War II spurred the development of ever more powerful weapons. Mightier tanks, more elusive submarines, faster fighter planes—all emerged from this period. From ancient times to the present day, the pattern remains the same: Every new weapon causes other countries to develop weapons of similar or greater force. This pattern results in a deadly race for an ultimate weapon: for example, the atomic bomb.

Nagasaki citizens trudge through the still smoldering ruins of their city in this photograph by Yosuke Yamahata. ▼

### Connect to Today

**1. Making Inferences** What advantages did the United States have over Germany in the race to develop the atomic bomb?

See Skillbuilder Handbook, page R10.

**2. Comparing and Contrasting** If you were to design a memorial to the victims of the Hiroshima and Nagasaki bombings, what symbol would you use? Make a sketch of your memorial.



**The Japanese Surrender** After Okinawa, the next stop for the Allies had to be Japan. President Truman’s advisers had informed him that an invasion of the Japanese homeland might cost the Allies half a million lives. Truman had to make a decision whether to use a powerful new weapon called the atomic bomb, or A-bomb. Most of his advisers felt that using it would bring the war to the quickest possible end. The bomb had been developed by the top-secret Manhattan Project, headed by General Leslie Groves and chief scientist J. Robert Oppenheimer. Truman first learned of the new bomb’s existence when he became president.

The first atomic bomb was exploded in a desert in New Mexico on July 16, 1945. President Truman then warned the Japanese. He told them that unless they surrendered, they could expect a “rain of ruin from the air.” The Japanese did not reply. So, on August 6, 1945, the United States dropped an atomic bomb on Hiroshima, a Japanese city of nearly 350,000 people. Between 70,000 and 80,000 people died in the attack. Three days later, on August 9, a second bomb was dropped on Nagasaki, a city of 270,000. More than 70,000 people were killed immediately. Radiation fallout from the two explosions killed many more.

The Japanese finally surrendered to General Douglas MacArthur on September 2. The ceremony took place aboard the United States battleship *Missouri* in Tokyo Bay. With Japan’s surrender, the war had ended. Now, countries faced the task of rebuilding a war-torn world.



▲ J. Robert Oppenheimer (left) and General Leslie Groves inspect the site of the first atomic bomb test near Alamogordo, New Mexico.

## SECTION 4 ASSESSMENT

**TERMS & NAMES** 1. For each term or name, write a sentence explaining its significance.

- Dwight D. Eisenhower
- Battle of Stalingrad
- D-Day
- Battle of the Bulge
- kamikaze

### USING YOUR NOTES

2. Which battle do you think was most important in turning the war in favor of the Allies? Why?

Battle	Outcome
Battle of El Alamein	
Battle of Stalingrad	
D-Day Invasion	

### MAIN IDEAS

3. Why did Stalin want the United States and Britain to launch a second front in the west?
4. How did the Allies try to conceal the true location for the D-Day landings?
5. What brought about the Japanese surrender?

### CRITICAL THINKING & WRITING

6. **CLARIFYING** How do governments gather support for a war effort on the home front?
7. **ANALYZING ISSUES** Should governments have the power to limit the rights of their citizens during wartime? Explain your answer.
8. **FORMING AND SUPPORTING OPINIONS** Did President Truman make the correct decision in using the atomic bomb? Why or why not?
9. **WRITING ACTIVITY** **SCIENCE AND TECHNOLOGY** Write a **research report** on the work of the Manhattan Project in developing the atomic bomb.

### CONNECT TO TODAY CREATING A POSTER

During World War II, the U.S. government used propaganda posters to encourage citizens to support the war effort. Create a similar kind of **poster** to encourage support for a war on litter in your neighborhood.