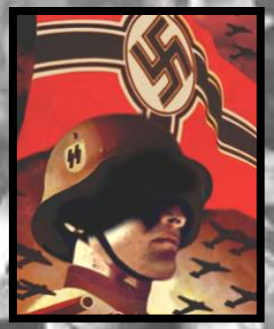
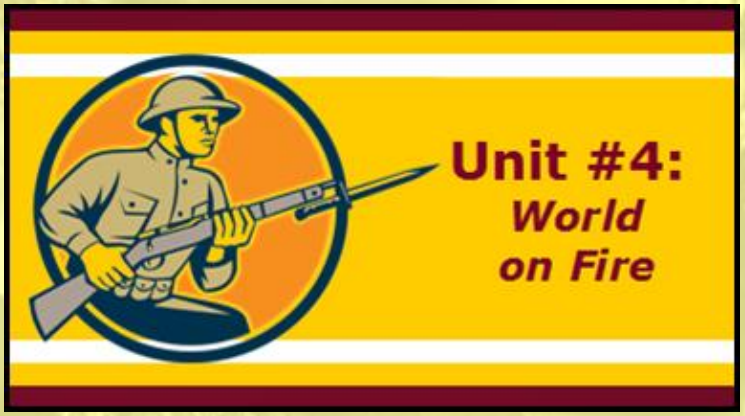
DR. HARTNELL

World on Fire

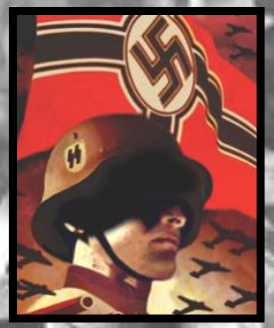


TODAY'S UNIT & LESSON



Lesson 15
(MW 4.15)

Dr. Hartnell's 135 LIVE!



1944

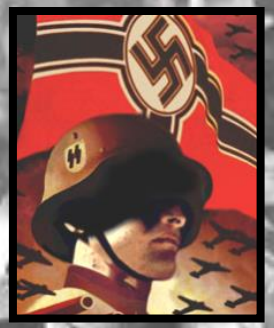
JULY 21 – AUG 10

Battle of Guam

After 3 weeks of jungle fighting, the U.S. takes Guam from the Japanese.

Napalm, invented in the U.S. in 1942, is used for the first time as a deforestation weapon.

Dr. Hartnell's 135 LIVE!



1944

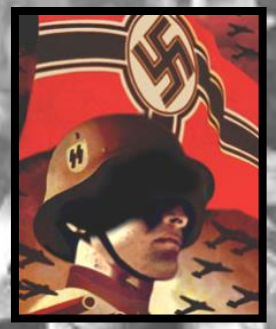
JULY 21 – AUG 10

Battle of Guam

The victory gives the U.S. an airbase to launch attacks on Japan.

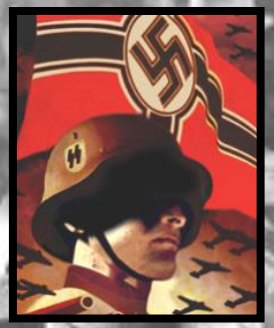
The hellacious casualty numbers show that the closer the U.S. gets to the home island, the more intense the fighting.

Dr. Hartnell's 135 LIVE!



1944

Dr. Hartnell's 135 LIVE!



1944

JULY 21 – AUG 10

Battle of Guam

On January 24, 1972, and after 27 years of hiding in Guam, farmers discover Shoichi Yokoi, a Japanese sergeant unaware that WWII had ended. He lived alone in a cave for 27 years.

Dr. Hartnell's 135 LIVE!

World War II (1939-1945)

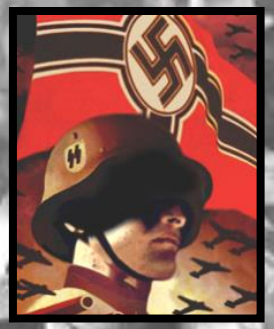
BATTLE

Guam

July 21 – Aug. 10, 1944	Guam
✓ ALLIES	AXIS
7,800 total (1,747 KIA, 6,053 WIA)	18,400 total (18,000 KIA, 400 WIA) & 485 POW

The Allied victory secures an airbase to launch attacks on Japan; Napalm is first used.

Dr. Hartnell's 135 LIVE!



1944

AUG – OCT

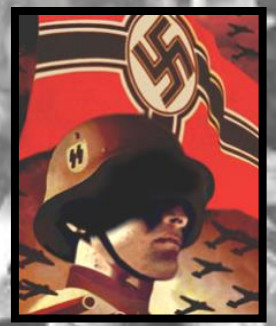
With the Nazis on the run, the **French troops exiled in Britain retake Paris** on **August 25th**.

By **October, U.S. troops retake Philippines**.

General McArthur fulfills his promise of returning.

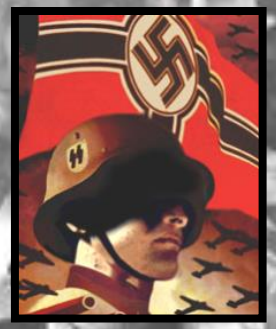
Dr. Hartnell's 135 LIVE!

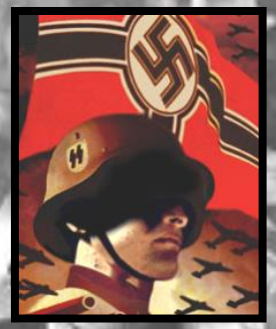
We Can Do It!



VIVE DE GAULLE

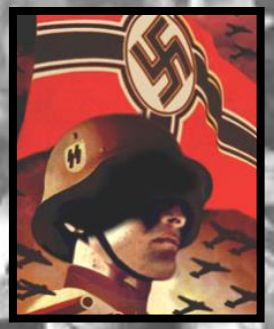
We Can Do It!





1944

Dr. Hartnell's 135 LIVE!



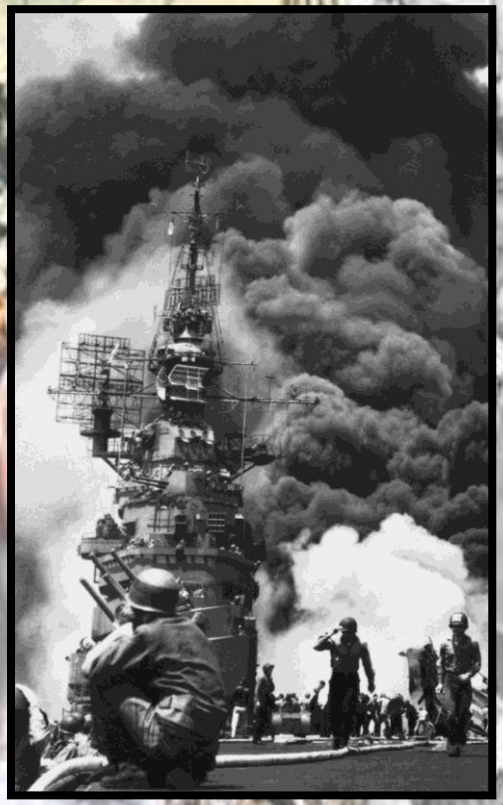
1944

OCTOBER 23 – 26

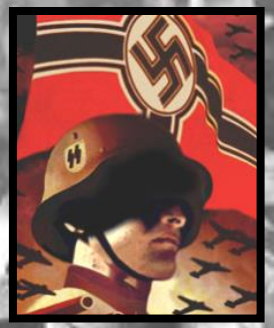
Battle of Leyte Gulf

The **Allies soundly defeat Japan in** the **Leyte Gulf** in the Philippines **in** the **largest naval battle of** the **war**.

The **Japanese begin using** ***kamikaze*** suicide **attacks**.



Dr. Hartnell's 135 LIVE!



1944

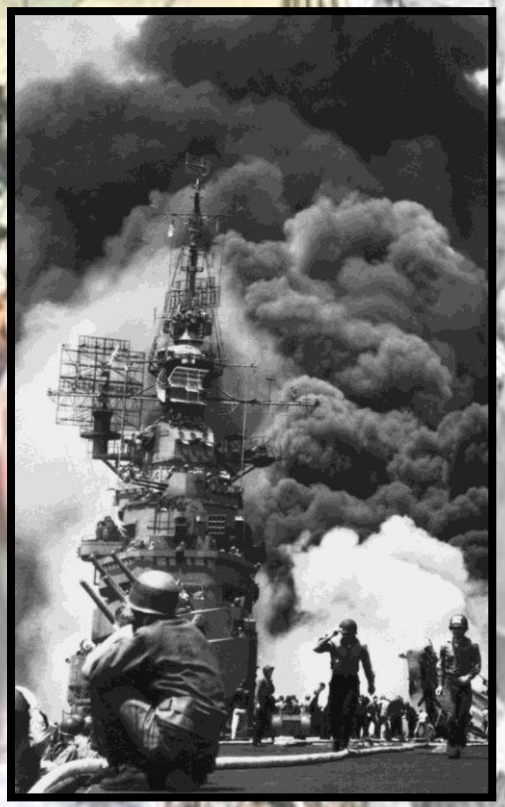
OCTOBER 23 – 26

Battle of Leyte Gulf

The word *kamikaze* means *"divine wind"*.

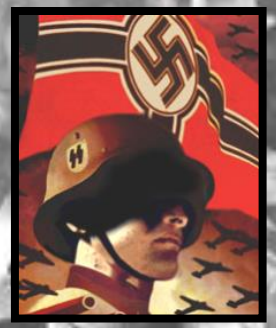
By the end of WWII, 4,000 *kamikaze* pilots die.

47 Allied ships are sunk and 7,000 U.S. sailors are killed by *kamikaze*.

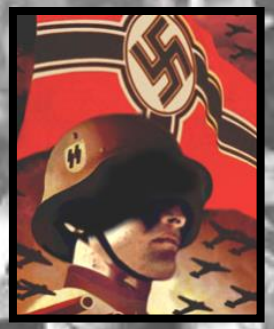


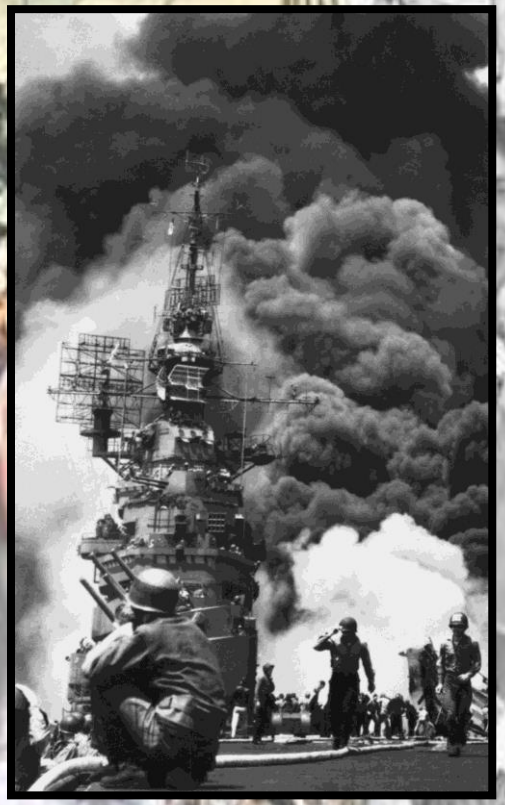
Dr. Hartnell's 135 LIVE!

We Can Do It!



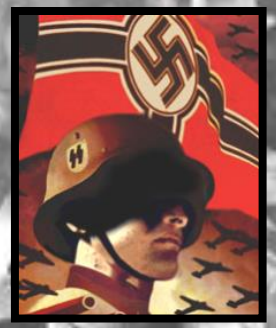
1944





Dr. Hartnell's 135 LIVE!

We Can Do It!



World War II (1939-1945)

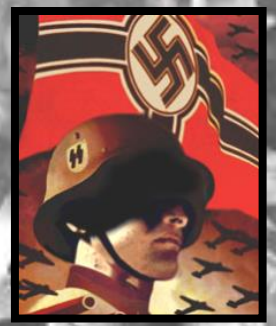
BATTLE

Leyte Gulf

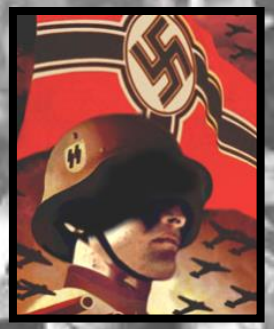
October 23-26, 1944	Leyte Gulf, Philippines
✓ ALLIES	AXIS
4,000 total (1,500 KIA, 2,500 WIA); 6 ships 200 aircraft	15,000 total (12,500 KIA. 2,500 WIA); 26 ships 300 aircraft

Largest naval battle of the war sees the Japanese first use *kamikaze* attacks.

Dr. Hartnell's 135 LIVE!



1945



1945

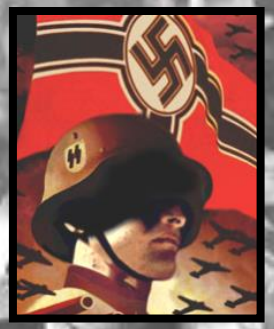
DEC 16 – JAN 25

Battle of the Bulge

The last major battle of the European war begins in December 1944 but continues into 1945.

The surprise attack catches the Allies completely off guard.

Dr. Hartnell's 135 LIVE!



1945

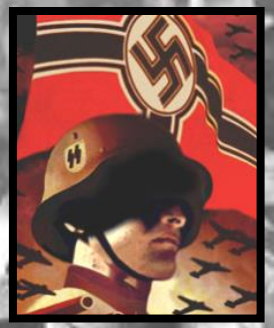
DEC 16 – JAN 25

Battle of the Bulge

It **becomes** the **deadliest battle in terms of KIA for** the **U.S. during WWII**.

By the end of the battle, **19,246 Americans are KIA and 62,489 are WIA**.

Dr. Hartnell's 135 LIVE!



1945

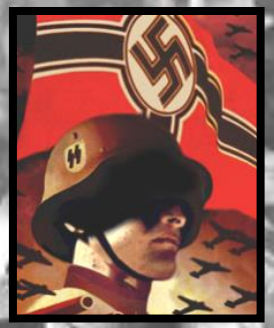
DEC 16 – JAN 25

Battle of the Bulge

The 19,246 is the 2nd highest KIA in a battle in U.S. history.

The Meuse-Argonne Offensive during WWI had the most KIA in U.S. history (26,277 KIA).

Dr. Hartnell's 135 LIVE!



1945

DEC 16 – JAN 25

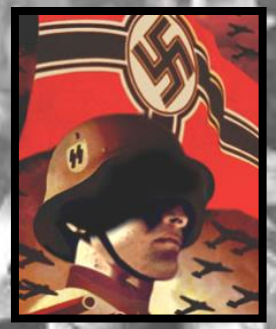
Battle of the Bulge

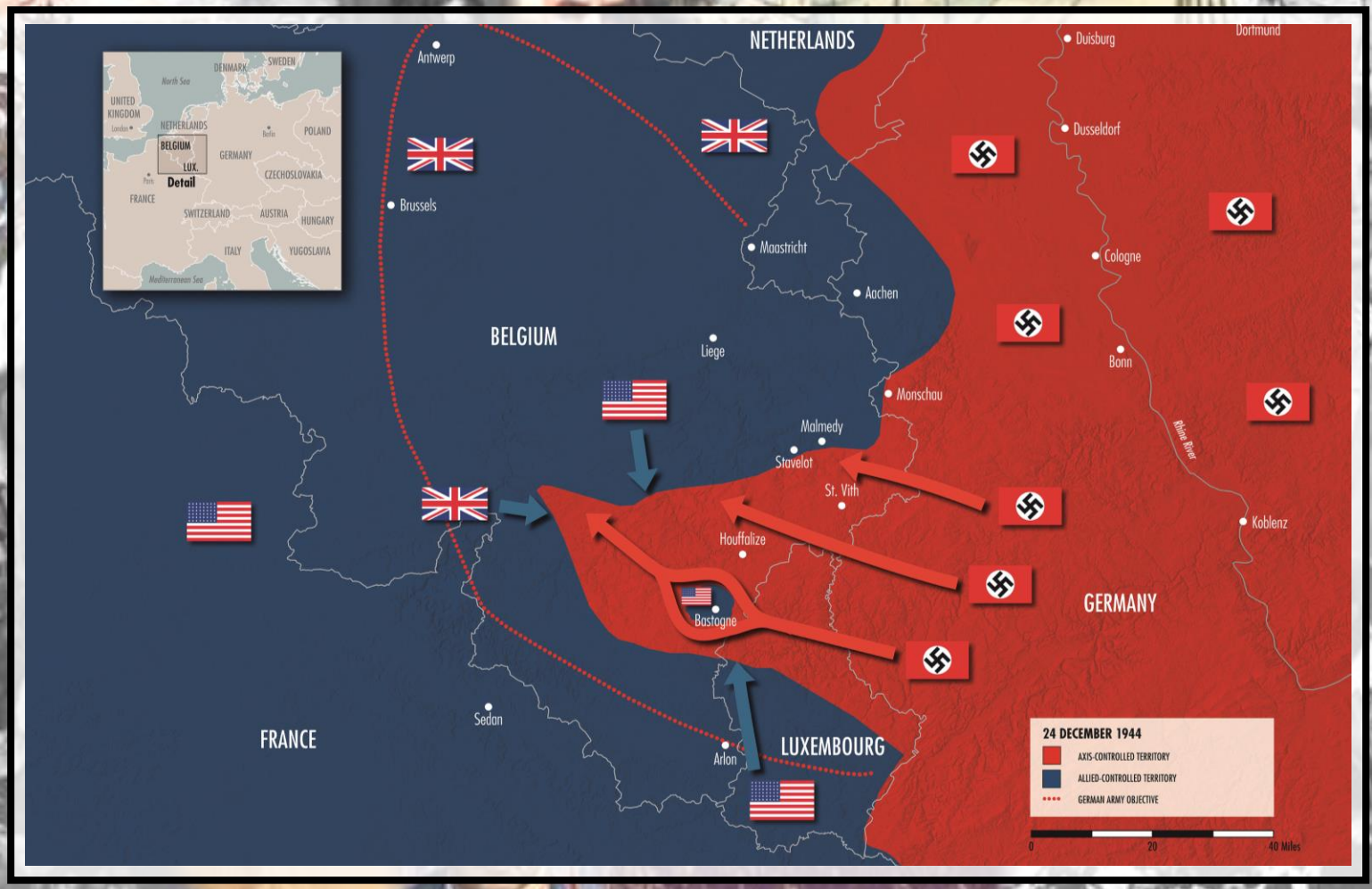
The Nazis launch an offensive through the heavily forested Ardennes region in Belgium, France, and Luxembourg.

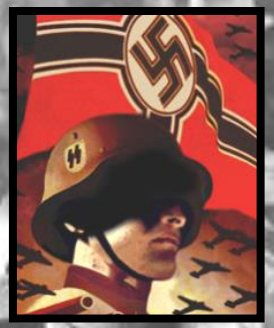
It is named for the way the Allied lines bulged inward on wartime news maps.

Dr. Hartnell's 135 LIVE!

We Can Do It!




NETHERLANDS
BELGIUM
FRANCE
GERMANY
LUXEMBOURG
Antwerp
Brussels
Maastricht
Aachen
Liege
Monschau
Malmedy
Stavelot
St. Vith
Houffalize
Bastogne
Sedan
Arlon
Duisburg
Dortmund
Dusseldorf
Cologne
Bonn
Koblenz
Rhine River
DENMARK
SWEDEN
UNITED KINGDOM
POLAND
GERMANY
CZECHOSLOVAKIA
SWITZERLAND
AUSTRIA
HUNGARY
ITALY
YUGOSLAVIA
Detail
24 DECEMBER 1944
AXIS-CONTROLLED TERRITORY
ALLIED-CONTROLLED TERRITORY
GERMAN ARMY OBJECTIVE
0
20
40 Miles



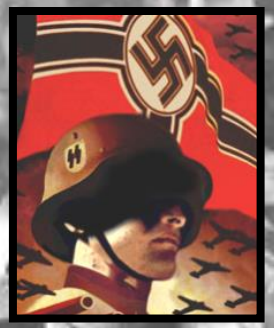
1945

DEC 16 – JAN 25

Battle of the Bulge

The Nazis hope to split the British and U.S. lines in half, encircle and destroy 4 Allied armies, and force the Allies to negotiate a peace treaty in the Axis Powers' favor.

Dr. Hartnell's 135 LIVE!



1945

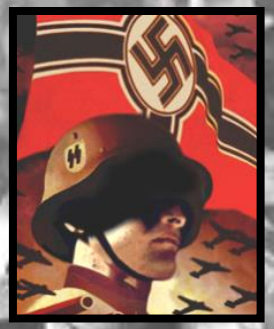
DEC 16 – JAN 25

Battle of the Bulge

And, for awhile, it looks like they might be successful.

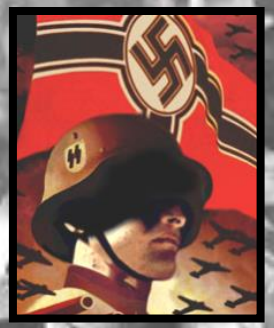
A **failed nighttime paratrooper drop by** the **Nazis leaves their lines weakened**, and the **Allies take advantage and attack**.

Dr. Hartnell's 135 LIVE!



1945

Dr. Hartnell's 135 LIVE!



1945

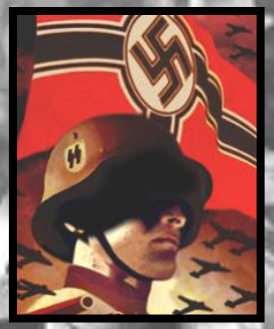
DEC 16 – JAN 25

Battle of the Bulge

By Christmas Eve, the Nazi advance is halted.

It was during this battle, however, that strides were taken toward the racial integration of U.S. military forces.

Dr. Hartnell's 135 LIVE!



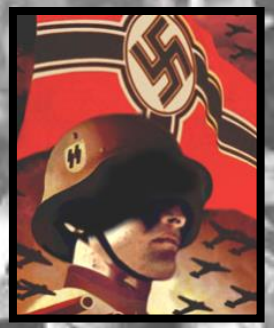
1945

DEC 16 – JAN 25

Battle of the Bulge

The U.S. military is still racially segregated during WWII, and black military personnel are subjected to Jim Crow Laws in the South.

Dr. Hartnell's 135 LIVE!



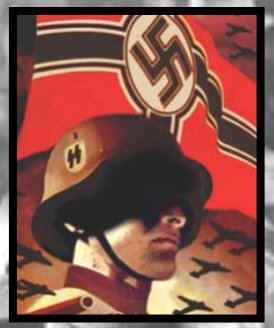
1945

DEC 16 – JAN 25

Battle of the Bulge

Eisenhower sends over 2,000 black soldiers to fight alongside the white soldiers during this battle.

Dr. Hartnell's 135 LIVE!



1945

DEC 16 – JAN 25

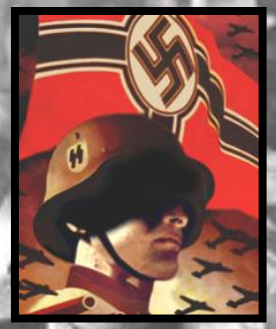
Battle of the Bulge

The Nazis exhaust everything in this offensive that ultimately **ends in Allied victory**.

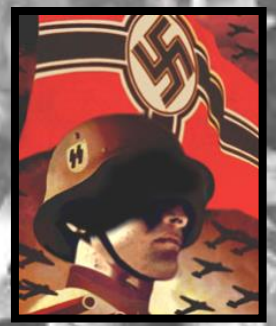
Churchill states: ***"This is undoubtedly the greatest American battle of the war."***

Dr. Hartnell's 135 LIVE!

We Can Do It!



We Can Do It!



World War II (1939-1945)

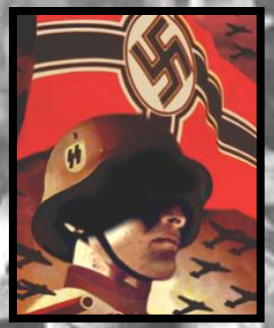
BATTLE

Bulge

Dec. 16, 1944 –Jan. 25, 1945	Belgium & Luxembourg
✓ ALLIES	AXIS
109,755 total (19,446 KIA, 63,458 WIA, 26,851 MIA); 800 tanks	84,834 total; 600 tanks

Last major European battle ends in a Allied victory but at a huge loss of U.S. life.

Dr. Hartnell's 135 LIVE!



1945

FEBRUARY

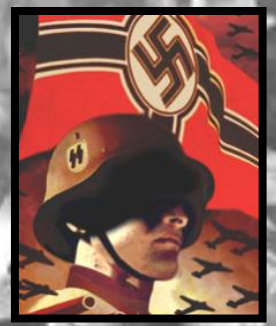
The **historic German city of Dresden is firebombed** by the U.S. and British.

135,000 civilians are **killed**.

80% of the **city is leveled**.

Dresden is promoted as "pay-back" for *Luftwaffe* attacks on London.

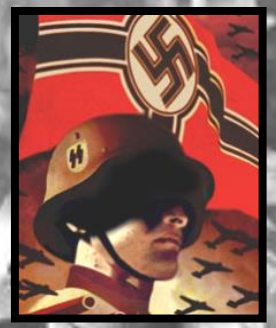
Dr. Hartnell's 135 LIVE!



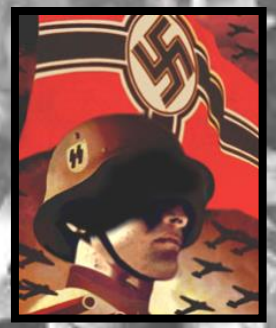
1945

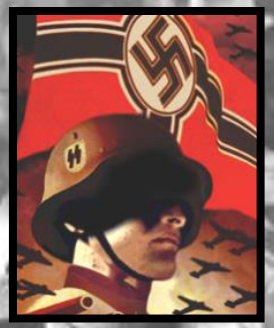
Dr. Hartnell's 135 LIVE!

We Can Do It!



We Can Do It!



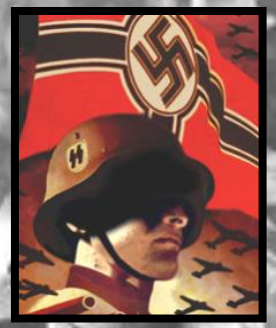


1945

FEBRUARY

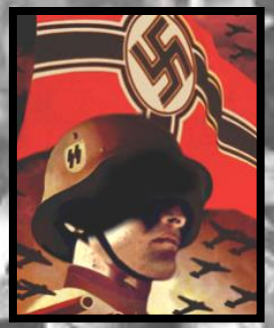
Meeting in the Crimea (in the Ukraine) Churchill, Stalin, and an ailing FDR discuss plans for the final assault on Berlin during the Yalta Conference from February 4-11. The leaders also discuss a post-war peace and how to maintain it once Nazis surrendered.

Dr. Hartnell's 135 LIVE!



1945

Dr. Hartnell's 135 LIVE!



1945

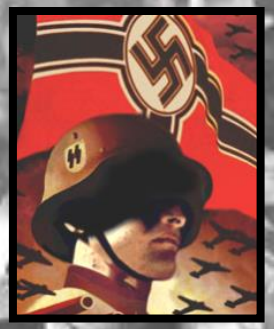
FEB 19 – MAR 26

Battle of Iwo Jima

U.S. Marines battle for an 8 sq.-mile Pacific island.

The photo of the 6 Marines raising the U.S. flag atop Mount Suribachi on February 23rd becomes one of the most iconic images in U.S. History.

Dr. Hartnell's 135 LIVE!



1945

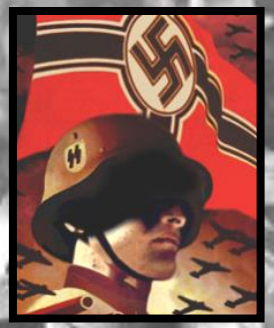
FEB 19 – MAR 26

Battle of Iwo Jima

The iconic photo actually showed the raising of a second (and larger) U.S. flag; the first flag had been planted 2 hours earlier.

Sadly, 3 of the 6 soldiers involved later die in battle.

Dr. Hartnell's 135 LIVE!



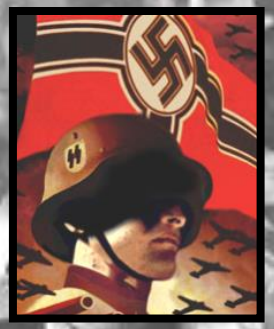
1945

FEB 19 – MAR 26

Battle of Iwo Jima

Upon seeing the flag, Secretary of the Navy, James Forrestal comments: ***"The raising of that flag on Suribachi means a Marine Corps for the next 500 years."***

Dr. Hartnell's 135 LIVE!



1945

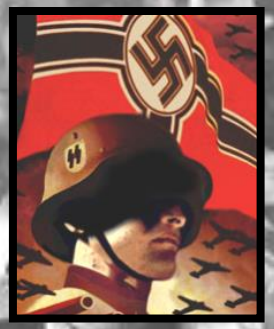
FEB 19 – MAR 26

Battle of Iwo Jima

The battle was the only one in which the U.S. casualties outnumbered Japan's, although Japan's KIA was 3 times the KIA for American troops.

The strategic value of the island has been debated.

Dr. Hartnell's 135 LIVE!



1945

FEB 19 – MAR 26

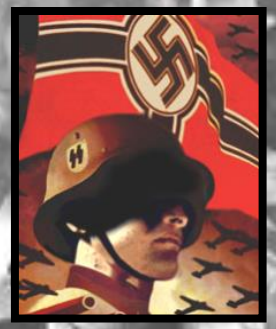
Battle of Iwo Jima

The island is the first Japanese homeland soil to be captured by the U.S.

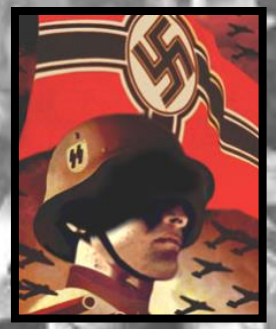
The island's landing field is also necessary so the B-29s carrying the atomic bombs in August have an emergency landing area.

Dr. Hartnell's 135 LIVE!

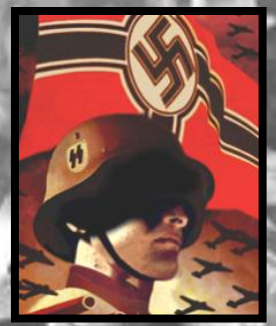
We Can Do It!



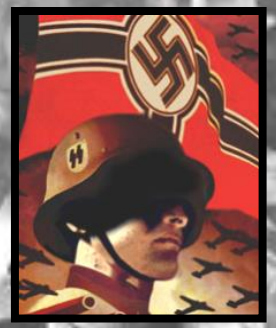
We Can Do It!



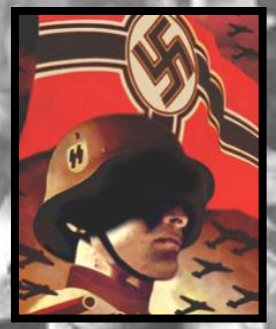
We Can Do It!



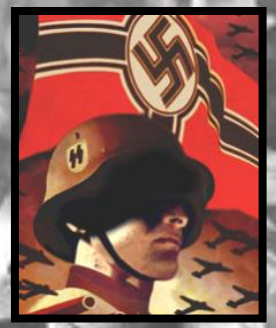
We Can Do It!



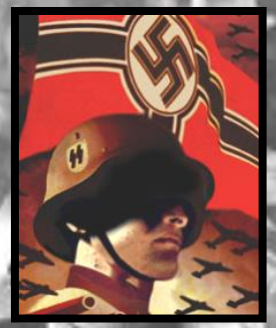
We Can Do It!



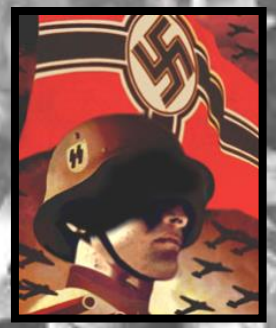
We Can Do It!



We Can Do It!

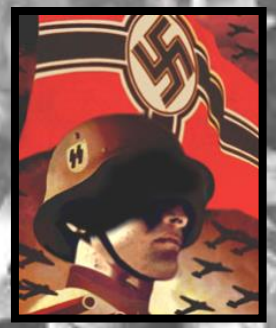


We Can Do It!



Best always,
Charles W. Lindberg
1st Flag Raiser, Iwo Jima
Feb. 23, 1945, 10:30 A.M.

We Can Do It!



World War II (1939-1945)

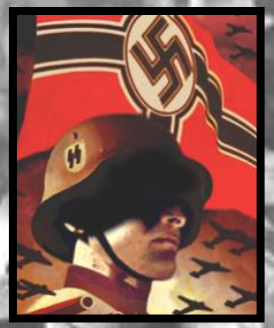
BATTLE

Iwo Jima

Feb. 19 – March 26, 1945	Iwo Jima, Japan
✓ ALLIES	AXIS
26,038 total (6,821 KIA, 19,217 WIA) & 2 POW	21,844 total (18,844 KIA, 3,000 MIA) & 216 POW

Battle sees Japanese suffer 86% KIA and the U.S. flag raised atop Mt. Suribachi.

Dr. Hartnell's 135 LIVE!



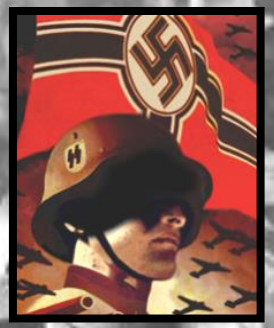
1945

JAN 9 – AUG 15

Battle of Luzon

The largest of the islands in the Philippines, is the last holdout in securing control of the area and to prepare for an invasion of Japan.

Dr. Hartnell's 135 LIVE!



1945

JAN 9 – AUG 15

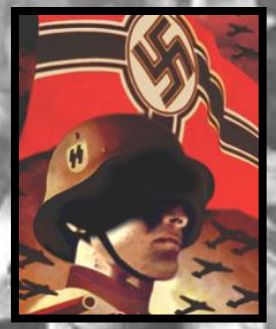
Battle of Luzon

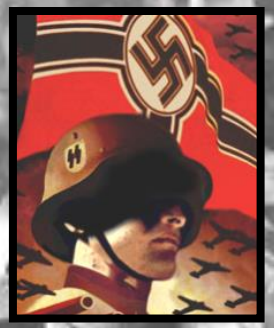
The Allies eventually win, but the battle proves difficult due to heavy use of *kamikaze* attacks.

This foreshadows the issues the Allies could have in occupying Japan.

Dr. Hartnell's 135 LIVE!

We Can Do It!





1945

JAN 9 – AUG 15

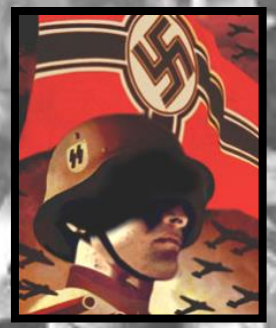
Battle of Luzon

In fact, this battle continues for 6 days after the dropping of the atomic bomb on Nagasaki.

Pockets of resistance hold out until the Japanese surrender on Sept. 2nd.

Dr. Hartnell's 135 LIVE!

We Can Do It!



World War II (1939-1945)

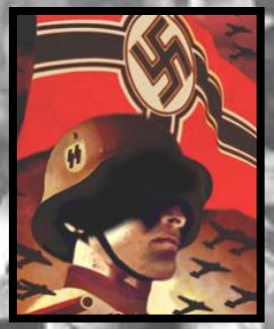
BATTLE

Luzon

January 9 – Aug. 15, 1945	Luzon, Philippines
✓ ALLIES	AXIS
45,930 total (10,380 KIA, 35,550 WIA) & 93,400 illness (260 deaths)	230,000 total (205,535 KIA, 24,465 WIA) & 9,050 POW

Allied victory foreshadows how difficult invading Japanese mainland will be.

Dr. Hartnell's 135 LIVE!



1945

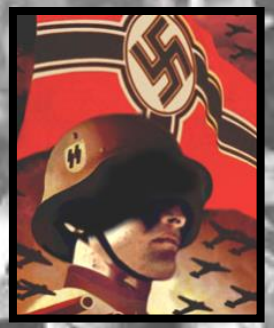
JAN 14 – FEB 22

Battle of Ramree Island

The campaign to recapture territory in Southeast Asia ends in Allied victory in Burma thanks to this battle.

Burma is near Vietnam, Cambodia, and Laos.

Dr. Hartnell's 135 LIVE!



1945

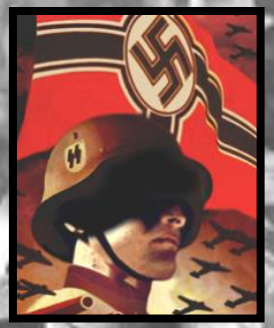
JAN 14 – FEB 22

Battle of Ramree Island

The Burma Campaign is the longest land campaign of the war in the Pacific.

It is fought by British, Canadian, and Chinese soldiers who have been there since 1942.

Dr. Hartnell's 135 LIVE!



1945

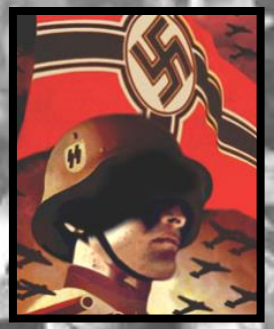
JAN 14 – FEB 22

Battle of Ramree Island

During this battle, 980 Japanese soldiers (rather than surrender) swim across a swamp and are eaten by saltwater crocs.

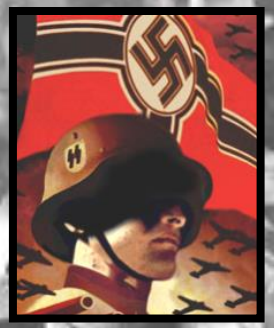
The Guinness Book lists it as *"the worst crocodile disaster in the world"*.

Dr. Hartnell's 135 LIVE!



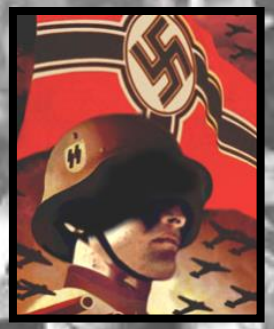
1945

Dr. Hartnell's 135 LIVE!



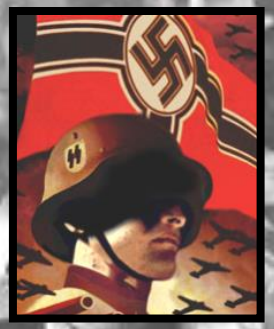
1945

Dr. Hartnell's 135 LIVE!

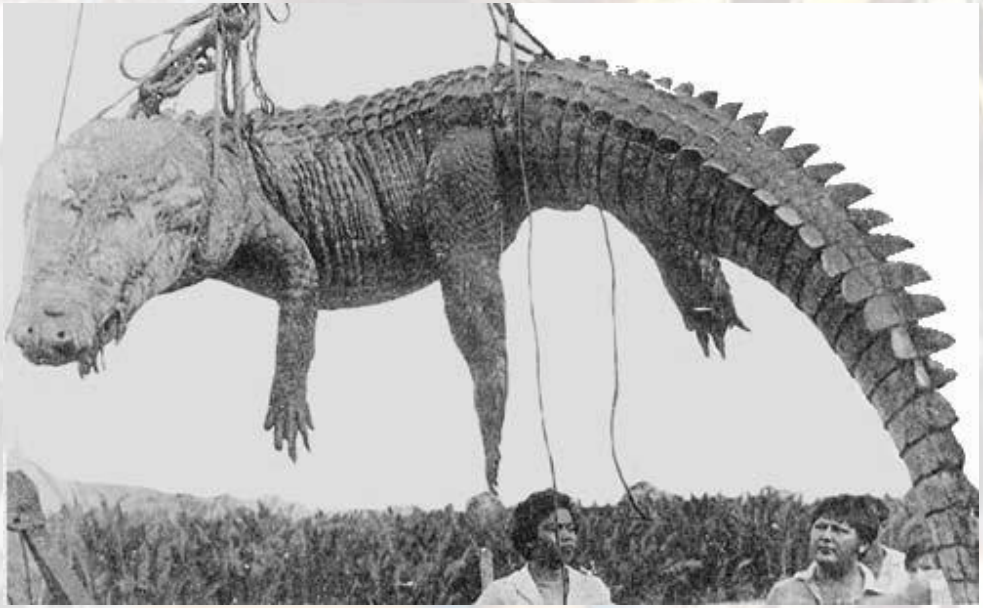


1945

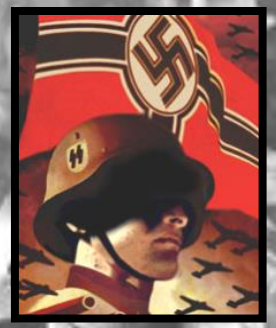
Dr. Hartnell's 135 LIVE!



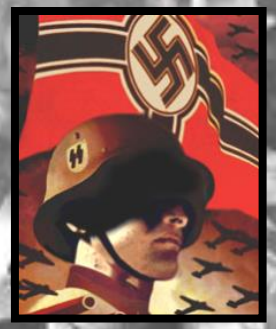
1945

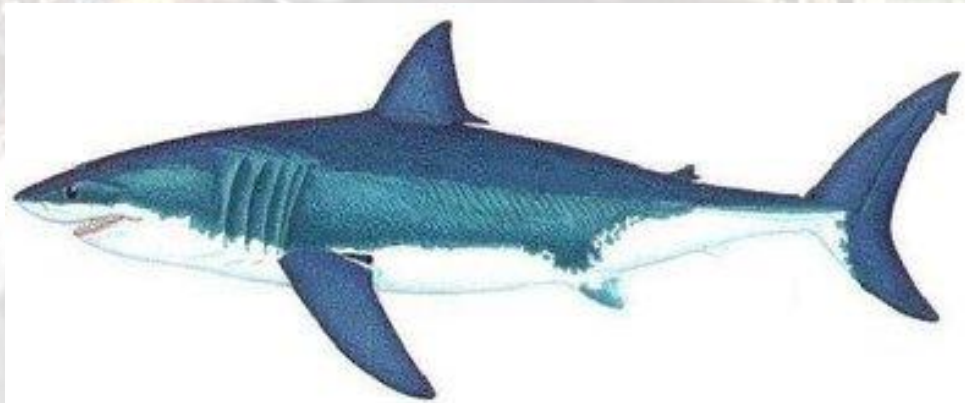


Dr. Hartnell's 135 LIVE!



Saltwater crocodiles can get to be as long a 21-23 feet.

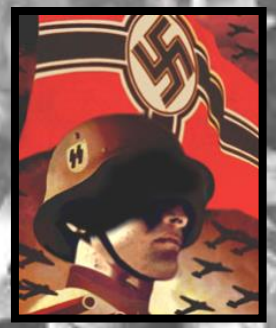




Great white shark
600 cm
1900 kg

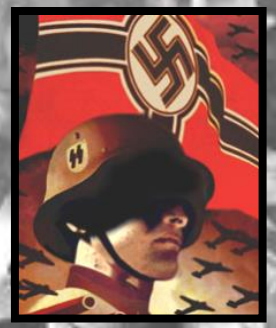
Saltwater crocodile
632 cm
1360 kg

Saltwater crocodiles can grow to be longer than Great Whites.



1945

Dr. Hartnell's 135 LIVE!



Of course, Octonauts left Ramree Island out of their episode…

World War II (1939-1945)

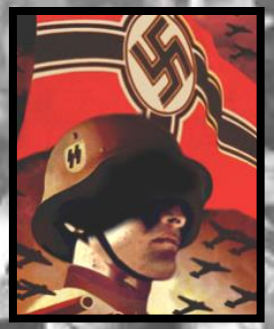
BATTLE

Ramree Island

January 14 – Feb. 22, 1945	Ramree Island, Burma
✓ ALLIES	AXIS
Unknown	1,500 total (500 KIA, 980 eaten by ✓ crocodiles) & 20 POW

Longest land battle in Pacific ends in Allied (and crocodilian) victory.

Dr. Hartnell's 135 LIVE!



1945

MARCH

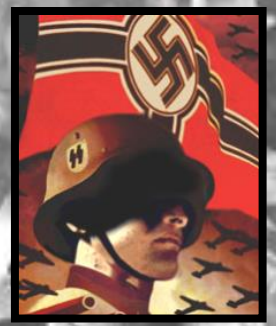
U.S. bombers make more air raids on Berlin.

These bombers receive escorts into German airspace from the 332d Fighter Group of the USAAF.

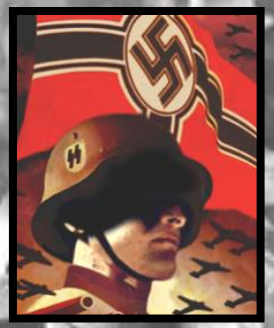
The 332d is better known as the Tuskegee Airmen.

Dr. Hartnell's 135 LIVE!

We Can Do It!



78
72
U
BN



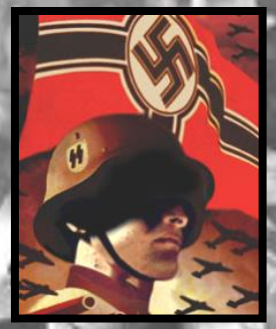
1945

MARCH

Despite black soldiers being sent by Eisenhower to join the “white” lines during the Battle of the Bulge, the U.S. military remains segregated.

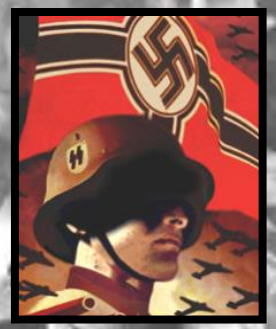
The Tuskegee Airmen are the first black pilots in the U.S. military.

Dr. Hartnell's 135 LIVE!



1945

Dr. Hartnell's 135 LIVE!



1945

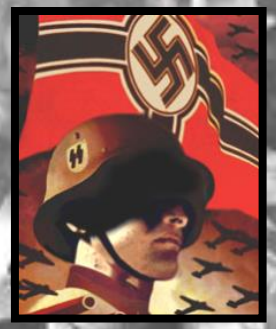
MARCH

They are nicknamed "Red Tails" because of the red stripe they paint on their planes' tails.

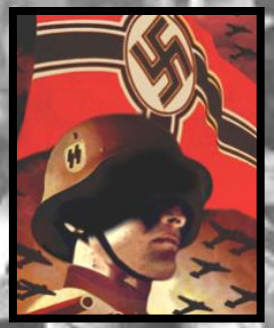
In all, 992 pilots were trained; 355 were deployed overseas;
84 lost their lives and
32 became POWs.

Dr. Hartnell's 135 LIVE!

We Can Do It!



TUSKEGEE
Airmen
A4
2



1945

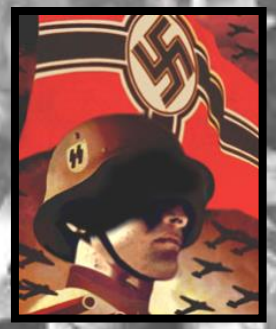
MARCH

These “Red Tails” fly in over 1,500 missions and shoot down 260 enemy aircraft.

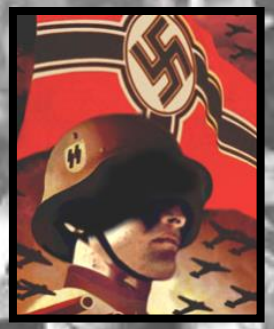
In 2007, they were collectively awarded a Congressional Gold Medal. It is the highest award for U.S. civilians.

Dr. Hartnell's 135 LIVE!

We Can Do It!



TUI03



1945

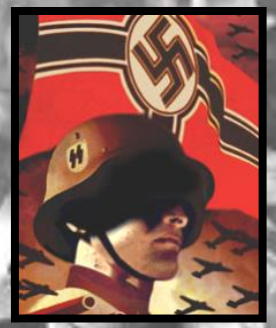
MARCH

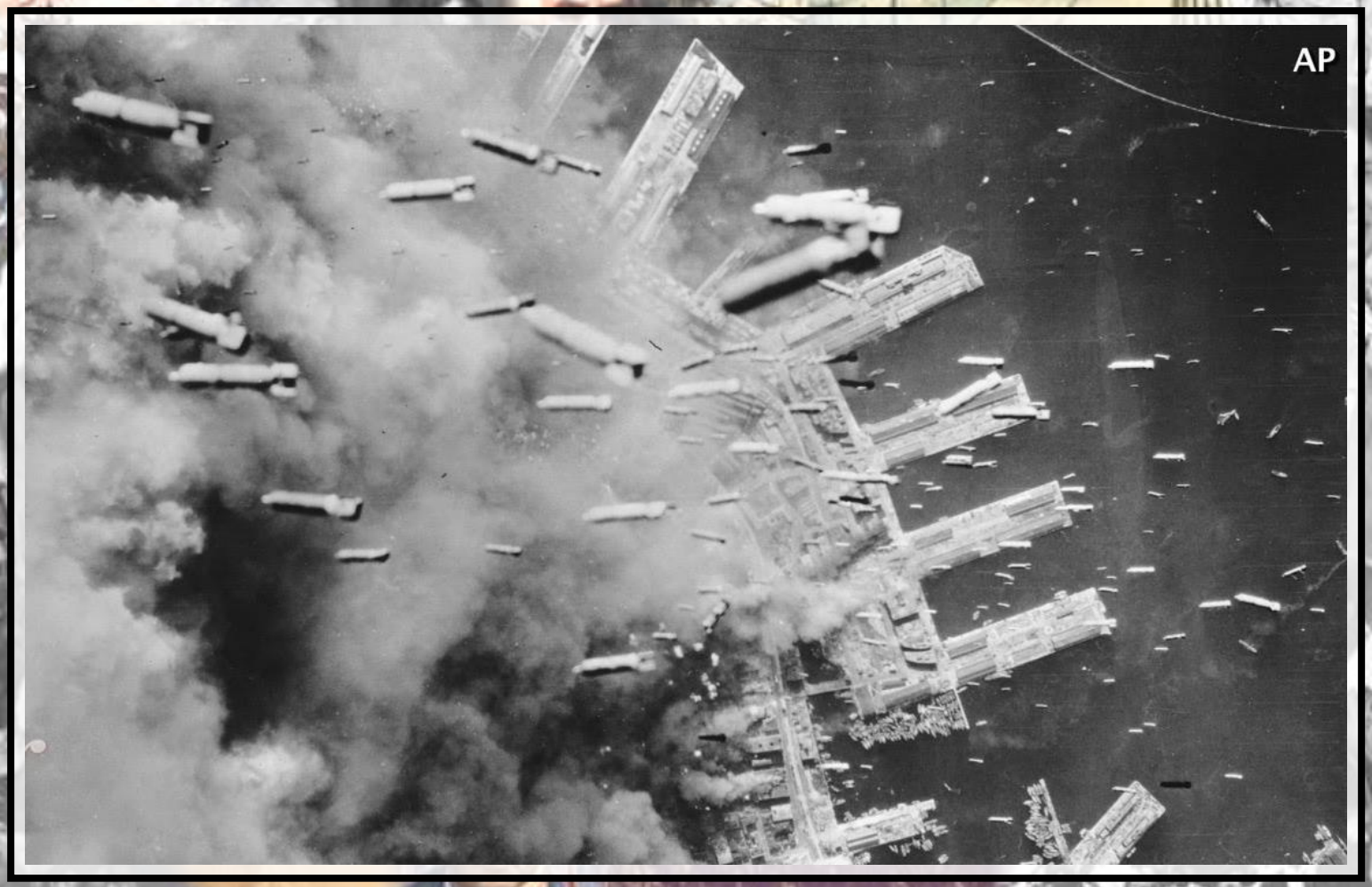
Using its newly acquired bases in the Pacific, the U.S. firebombs Tokyo, dropping 2,000 lbs. of Napalm on March 9th; 130,000 civilians die.

By the end of March, the Nazis have lost all of their conquered land.

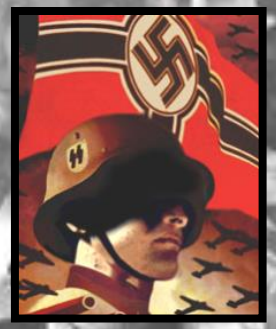
Dr. Hartnell's 135 LIVE!

We Can Do It!

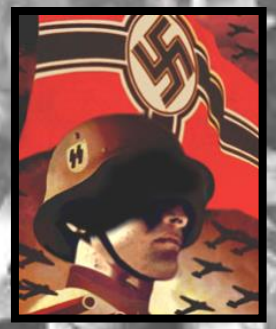



AP

We Can Do It!



We Can Do It!



SIGNAL CORPS
U.S. ARMY

WHAT DID WE LEARN TODAY?

135 LIVE!

FAST 5: UNIT 4, LESSON 15 (MW 4.15)

QUESTION 1

1. What was the significance of the following battles:

   a. Guam

   b. Leyte Gulf

   c. Bulge

Dr. Hartnell's 135 LIVE!

FAST 5: UNIT 4, LESSON 15 (MW 4.15)

QUESTION 2

2. What was the significance of the following battles:

a. Iwo Jima

b. Luzon

c. Ramree Island

Dr. Hartnell's 135 LIVE!

FAST 5: UNIT 4, LESSON 15 (MW 4.15)

QUESTION 3

3. What Allied leaders met at Yalta? What did they discuss?

Dr. Hartnell's 135 LIVE!

FAST 5: UNIT 4, LESSON 15 (MW 4.15)

QUESTION 4

4. Who were the Tuskegee Airmen? Why were their airplanes nicknamed "Red Tails"? What did they accomplish during WWII?

Dr. Hartnell's 135 LIVE!

FAST 5: UNIT 4, LESSON 15 (MW 4.15)

QUESTION 5

5. Explain the fire bombings of the cities listed below. Why were they targeted? How many civilians died?

a. Dresden

b. Tokyo

THINK
CHECK
SUBMIT

Dr. Hartnell's 135 LIVE!