

# World War I New Technologies & Weapons

PPT Notes

- World War I took place from \_\_\_\_\_ to \_\_\_\_\_, and was known during that time as the \_\_\_\_\_.
- About \_\_\_\_\_ people were killed.
- WWI was extremely devastating because:
  - New \_\_\_\_\_ and \_\_\_\_\_
  - \_\_\_\_\_ and \_\_\_\_\_ worked to improve current weapons/technologies and to invent more powerful ones.

#1 \_\_\_\_\_

- Trenches were dug on the \_\_\_\_\_ Front and \_\_\_\_\_ Front.
- Western Front:
  - location of most \_\_\_\_\_
  - bordered \_\_\_\_\_, Belgium, and \_\_\_\_\_
  - The landscape was very flat because it was located in the \_\_\_\_\_.
- Soldiers dug trenches because there was no \_\_\_\_\_ from enemy fire.
- Soldiers also dug \_\_\_\_\_, which were protective \_\_\_\_\_ in the ground.
- Trench warfare created an area called \_\_\_\_\_.
- No Man's Land was located \_\_\_\_\_ the trenches.
- It was an extremely deadly area because there was no \_\_\_\_\_ from enemy fire, it was filled with \_\_\_\_\_ and huge craters from shells.
- Neither side could advance, so it resulted in a \_\_\_\_\_.

#2 \_\_\_\_\_

- began to be used on \_\_\_\_\_
- were used by the \_\_\_\_\_ and very hard to steer
- They were unreliable and even broke down on the \_\_\_\_\_.
- Over time they became very effective and helped break through the \_\_\_\_\_ front lines.

#3 \_\_\_\_\_

- were used for:
  - collecting \_\_\_\_\_ about the enemy
  - dropping \_\_\_\_\_ on towns and troops
  - even had \_\_\_\_\_ mounted on them so enemy planes could take part in \_\_\_\_\_
- Better airplanes meant \_\_\_\_\_ success.

#4 \_\_\_\_\_

- Invented by the \_\_\_\_\_.
- could fire up to \_\_\_\_\_ bullets per minute and needed at least \_\_\_\_\_ men to operate it
- placed along the \_\_\_\_\_ to defend against the enemy

#5 \_\_\_\_\_

- \_\_\_\_\_ was first used by the \_\_\_\_\_ in 1915.
- \_\_\_\_\_ was used by both the Allied Powers and the \_\_\_\_\_.
- Mustard gas could take up to \_\_\_\_\_ hours to take effect and \_\_\_\_\_ weeks to kill someone.
- The gas affected the eyes and could cause \_\_\_\_\_, lungs and cause \_\_\_\_\_, \_\_\_\_\_ and cause rashes and burns, and the \_\_\_\_\_ and cause burning.

- Chemical weapons were deadly but largely \_\_\_\_\_ because it depended on \_\_\_\_\_ and how it was delivered.
- If the \_\_\_\_\_ changed, their own troops could be \_\_\_\_\_.

#6 \_\_\_\_\_

- made \_\_\_\_\_ almost useless
- People, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ also wore gas masks to stay protected.

#7 \_\_\_\_\_

- Fighting took place on land and \_\_\_\_\_.
- Battleships allowed troops to attack other \_\_\_\_\_ and land targets.
- The Allies also used battleships as \_\_\_\_\_ to keep \_\_\_\_\_ and \_\_\_\_\_ from reaching \_\_\_\_\_.

#8 \_\_\_\_\_

- were \_\_\_\_\_ and used by the \_\_\_\_\_
- used for \_\_\_\_\_ against the Allies for the blockades
- The Germans would sneak up on the \_\_\_\_\_ and attack with \_\_\_\_\_.
- Germany did not attack just battleships. They also attacked \_\_\_\_\_.
- Germany sank the \_\_\_\_\_, which was a \_\_\_\_\_ passenger ship.
- Almost 1,200 people on board were \_\_\_\_\_, including \_\_\_\_\_ Americans.
- This was one reason the \_\_\_\_\_ entered WWI.

Summarize the reading document on the website. Use a minimum of 8 complete sentences:

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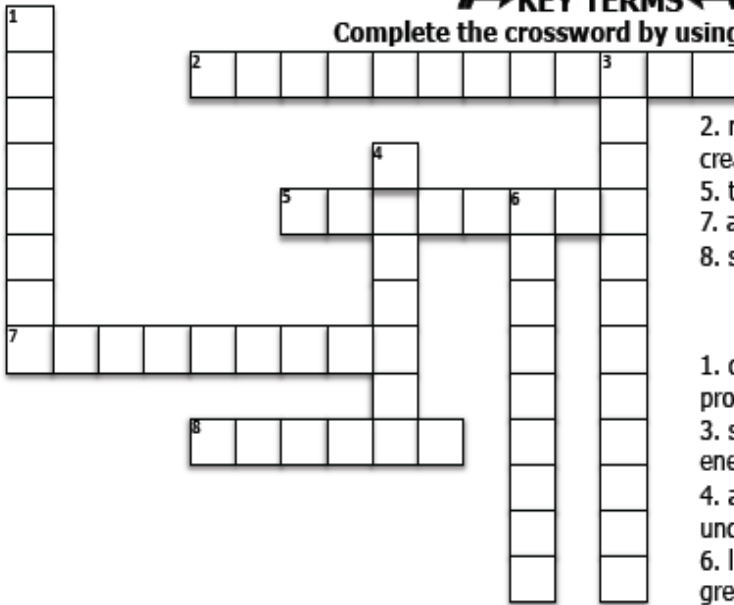


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# World War I New Technologies & Weapons

## ➡ KEY TERMS ⬅

Complete the crossword by using the clues.



### ACROSS

2. machines or pieces of equipment that is created by the use of science
5. to stop supplies from entering a country
7. a ship that can operate underwater
8. something that is used for fighting

### DOWN

1. deep, narrow holes in the ground used for protection
3. secret information collected about an enemy
4. a tube-shaped bomb that is fired underwater
6. large guns that are used to shoot over a great distance

**APPLY:** Choose four key terms, and write sentences using each of your chosen terms. The sentence should show the meaning of the terms. Circle the key term in each sentence.

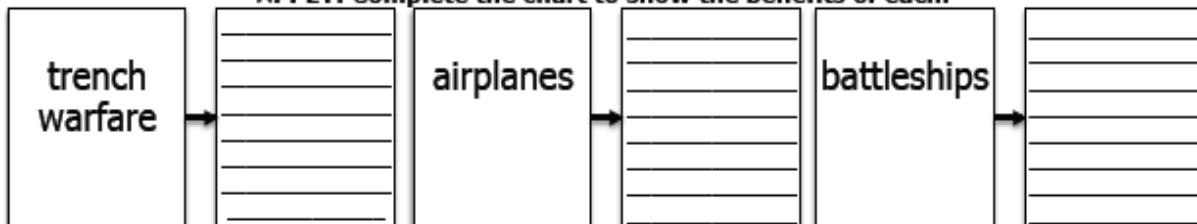
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

## ➡ DATES & EVENTS ⬅

**Label each fact as true or false. If the fact is false, rewrite the fact so it is true.**

13. Chemical weapons were the most effective weapons used during WWI. \_\_\_\_\_
14. Trench warfare caused a stalemate because neither side could advance. \_\_\_\_\_
15. The Allies used U-boats to create blockades to keep supplies from entering Germany. \_\_\_\_\_
16. Airplanes were first used in battle to drop bombs on troops and cities. \_\_\_\_\_
17. Most of the battles of WWI were fought near the borders of France, Belgium, and Great Britain. This area was called the Western Front. \_\_\_\_\_
18. When tanks were first used, they were reliable and caused great damage to the enemy. \_\_\_\_\_

**APPLY:** Complete the chart to show the benefits of each.



# World War I New Technologies & Weapons

## SIGNIFICANT ITEMS

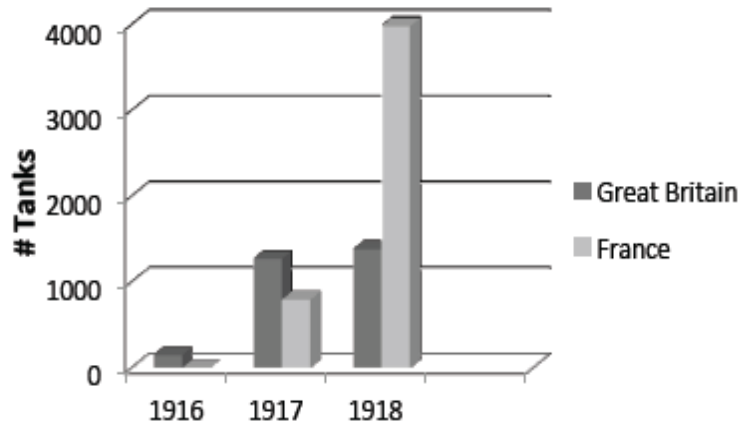
Label each fact with the technology or weapon it describes.

1. Initially used to gather intelligence about the enemy \_\_\_\_\_
2. Created a "No Man's Land" where soldiers could not cross \_\_\_\_\_
3. Caused a stalemate where neither the Allied nor the Central Powers could advance \_\_\_\_\_
4. Although not reliable at the beginning of the war, by the end of the war it was very effective because of its improved driving ability, large size and armored exterior. \_\_\_\_\_
5. Served multiple purposes later in the war such as dropping bombs and having machine guns mounted to shoot down enemy planes \_\_\_\_\_
6. Could fire 500 bullets per minute \_\_\_\_\_
7. This weapon was deadly, but its effectiveness depending on weather conditions \_\_\_\_\_
8. The invention of this item caused chemical weapons to be almost useless \_\_\_\_\_
9. Long-range guns enabled this item to hit land targets and ships from a safe distance \_\_\_\_\_
10. Germans could sneak up on the enemy and attack with torpedoes using this \_\_\_\_\_

WORD BANK				
machine gun	tank	trench warfare	U-boat	
battleship	chemical weapon	gas mask	airplane	

**APPLY: Analyze the following graph.**

11. What would an appropriate title be for this graph? \_\_\_\_\_
12. Which country relied more on tanks during WWI? \_\_\_\_\_
13. Approximately how many tanks were used by Great Britain and France during 1917? \_\_\_\_\_
14. Approximately how many more tanks were used during 1918 than 1917? \_\_\_\_\_
15. Write your own question that can be answered using the data in the graph? \_\_\_\_\_



Answer your question. \_\_\_\_\_

## LITERACY CONNECTION

Answer the prompt using complete sentences in paragraph form.

Choose one of the new/improved technologies or weapons from WWI. How did its invention or improvement help the Allied and/or Central Powers?

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