

How Steel Affected the Ancient World *by Isaac S.*

The Bronze Age



The Iron Age



The Steel Age



Life Before Steel: The Bronze Age 3300 to 1200 B.C.

Before the invention of Iron or Steel, there was Bronze.

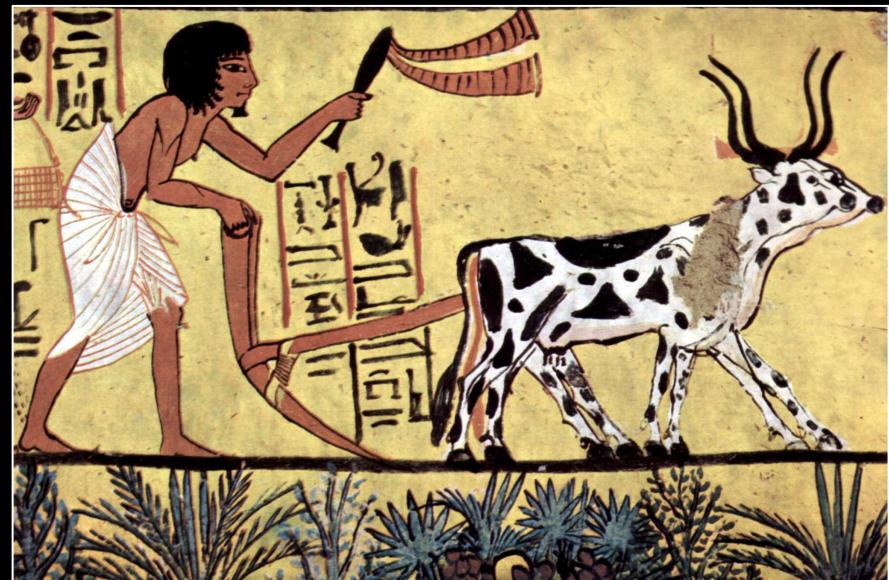
Bronze is made of copper and tin, and was relatively easy to make.



The Bronze Age: Everyday Life

Everyday life in the Bronze Age consisted of: Farming, trading, blacksmithing, and growth and expansion of empires. Here are some uses for bronze:

- Blades for ox-driven plows
- Weapons
- Art and Architecture



Going to War with Bronze

Bronze weapons were the first effective weapons. Ancient People had swords, spears, shields, and armor all helped lead many empires to victory.

Historians believe that copper and tin resources were starting to be depleted, and they had to come up with a solution for a different type of metal.



The Iron Age 1200 to 539 B.C.

While bronze can be stronger than simple iron, it is weaker than carburized iron.

When made correctly iron was much stronger than bronze and didn't chip as easily as bronze.

With it ancient people were able to make new full body armor, and stronger weapons.



The Iron Age: Everyday Life

Iron greatly improved daily life, giving people stronger tools and weapons that were superior to other tools and weapons.

Iron was a big development of the ancient world, and greatly benefited anyone who used it.



The End of the Iron Age

After Iron had been used for hundreds of years, and had proven itself to be very effective, then word started to spread about a new metal called Wootz Steel from India that was stronger and lighter than Iron.



The Birth of Steel 500 B.C.

Steel was a very big breakthrough in the ancient world.

It was stronger than both bronze and iron, it was lighter, and the materials to make it were abundant.



Different Types of Steel



Wootz Steel



Damascus Steel



Plain Steel

First Uses of Steel

There are two main types of steel that were used in the ancient world, Wootz Steel and Damascus Steel.

Wootz steel was good for anything.

Damascus Steel was known for holding it's edge very well.



How Steel Affected the Ancient World

Steel transformed the ancient world.

There is some evidence of Spartans (4000 B.C.) having steel swords that were superior to any other type.

This was probably one of the factors that helped them win so many battles.

Steel later sparked the Industrial Revolution which lead to advanced architecture techniques so we could now build skyscrapers that are 2,717 feet tall.



How and Where it is Used Today

Steel is one of the most used materials on earth.

It is used for buildings, skyscrapers, boats, planes, smart phones, computers, ovens, refrigerators, weapons, and many other things. Steel has become a part of our lives, and is very necessary in this day and age.

We have now taken for granted how far we have come from stones to high carbon steel.





“That's all Folks!”

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Works Cited

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