

Sample Bookmark Tasks : Applying Knowledge

Write a Paragraph and Predict What Will Come Next

Breakthroughs in Steel

During the Second Industrial Revolution, there were several technological advances that contributed to growth in industry and business. In the mid-1850s Henry Bessemer invented the Bessemer Process which was a way to make steel more cheaply and quickly. Since steel dropped in price, railroad companies were able to build new railroad tracks across the country. With the growth of railroads, **I predict** that communication and transportation will improve in the U.S. Also, markets will grow because shipping will increase.

List Key Figures and Describe their Accomplishments

Breakthroughs in Steel

Key Figure	Accomplishment
Henry Bessemer	Invented the <u>Bessemer Process</u> which was a way to make steel more cheaply and quickly. This was a major technological advance because with the production of steel, iron was now made stronger for the first time, resulting in the creation of better metals that were more efficient to use for building. The Bessemer process allowed more steel to be processed in a short amount of time which led to an increase in the growth of manufacturing. The Bessemer process positively impacted the production of railroads because it made steel more accessible for railroad companies to purchase and utilize to build railroads quickly.

Write a Short Poem or Song

Breakthroughs in Steel

Henry Bessemer

Was the real deal!

He invented a cool way

To make iron into steel

His process

Blasts hot air

Through Iron

Making steel prices fair

Steel, a stronger metal

Now made faster and cheaper

Railroads grew

This invention was sure a keeper!

Tracks were built

Cities grew

Forever changing the U.S.

Transportation and communication made a new

Diary Entry

September 6, 1870

Dear Diary,

Today, I worked 15 hours laying railroad tracks with the boys for the new railroad company I just landed a job with. It's a hard job, and we work long hours, but I am grateful to at least have a job.

The company has been buying a lot more steel for building new tracks, which is why I have been working over time. Ever since Henry Bessemer invented the Bessemer process, steel is more accessible and affordable since the invention helps make steel cheaper and faster.

Not only do I appreciate the invention because it gives me more work, but I like it because it makes it easier for people to travel across the country. The new railroad tracks are going to connect the east and west and improve communication and transportation in the country.

Now it's time for bed. I have to wake up early to do some more work on the railroad tracks.

Until Tomorrow,

Ryan

Newspaper Article and Headline

Business Booms!

Bessemer Does It Best!

Thanks to Henry Bessemer, there is now a faster and cheaper way to make steel known as the Bessemer Process. You might be asking yourselves...How does this process work? Steel is made from iron by blasting hot air to quickly remove impurities and is a stronger and more reliable metal to use for building. This is a major technological advance because with the production of steel, iron is now made stronger for the first time, resulting in the creation of better metals that are more efficient to use for building.

All Aboard!

Railroad tracks are being built faster than they have ever been before in the U.S.! Why? Well, steel has now been made more affordable and accessible as a result of the Bessemer process. This increase in railroad building has had several positive effects including: the increase in Western growth by connecting the Eastern U.S. to the West, products are being sent faster to markets, communication has improved, more jobs are being created as shipping and rail travel continue to grow, and cities growing faster.

