

## Sample Bookmark: To Practice Note taking Skills

### I. Write Two Questions

(Use Who, What, Why? How? Questions to show deeper understanding of Information)

Example:

### **Breakthroughs in Steel**

1.) **What** was the Bessemer process and **why** was it a major technological advance during the Second Industrial Revolution?

The **Bessemer process** was invented by Henry Bessemer and made steel by blasting hot air through melted iron which allowed it to be made faster and cheaper. 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.

2.) **What** were the positive effects that resulted from the increase of the building of railroads?

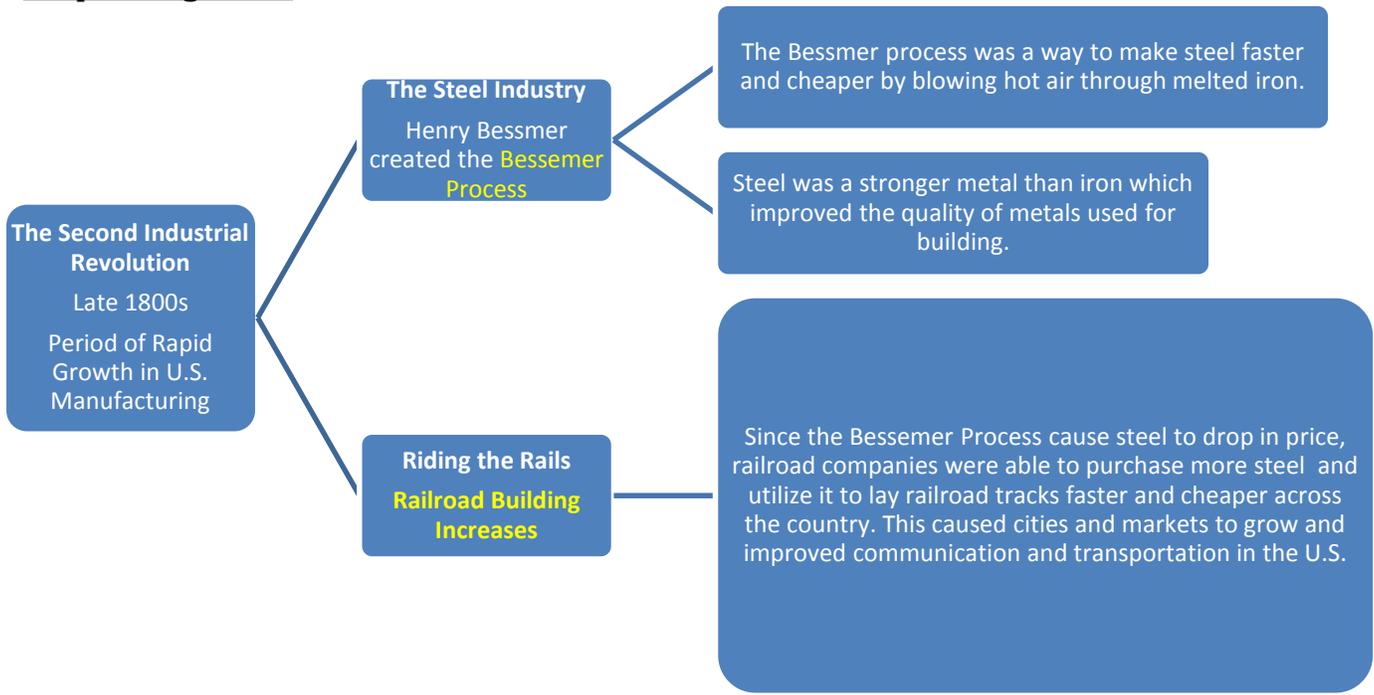
Many companies were able to build more steel railroad tracks faster and cheaper as steel dropped in price. The **increase in railroad building** had several positive effects including: the increase in Western growth by connecting the Eastern U.S. to the West, products were sent faster to markets, communication improved, more jobs were created as shipping and rail travel grew, and cities grew faster.

### II. Stop and Jot (Short Paragraphs 2 Key Ideas)

In the late 1800's, there was a period of rapid growth in U.S. manufacturing and technological advances known as the Second Industrial Revolution. One major technological advance was in the steel industry. Henry Bessemer invented the **Bessemer process** in the mid-1850's which was a faster and cheaper way to produce steel. 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.

As a result of the Bessemer process, **railroad building increased**. This is because the steel utilized to build railroads became more affordable and readily accessible and steel was now able to be produced in abundance. Railroad tracks were laid across country in half the time which had many positive effects on the U.S. Firstly, railroads connected the east to the west and improved communication and transportation. Secondly, cities and markets grew faster. Lastly, as railroad building increased, it created more jobs.

### III. Graphic Organizer



### IV. Double-Sided Journal

Facts	Opinion
<p>The <b>Bessemer process</b> was invented by Henry Bessemer and made steel by blasting hot air through melted iron which allowed it to be made faster and cheaper. 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.</p> <p>The cheap price of steel <b>increased the building of railroads</b>. This caused markets to grow bigger and faster because goods were easily sent. Cities grew faster and so did the West. It created more jobs.</p>	<p>I think that the development of the Bessemer process will positively impact the building of railroads. This is because steel is needed to make railroads and since it was produced at a faster and cheaper rate, railroads will be produced at a faster and cheaper rate as well.</p> <p>I think the increase in the building of railroads improved communication and transportation in the U.S. and had a major impact on the way we live today.</p>