

INVENTORS AND INNOVATION

INTRODUCTION

The Industrial Revolution was driven by great thinkers who changed the way that people viewed the world. This was a period of extreme advancement in our world, both in the ways that people conduct their daily lives as well as the way in which we interact with others.

This project aims at exploring some of the inventions and their creators that managed to kick-start the development of our world, making it the way that it is today.

Think about everything that you use on a daily basis, and the way that you live. Mostly everything that you do and see is a result of the Industrial Revolution. Without it, we may have found ourselves still living in a pure agricultural society--no phones, lights, cars, or even fancy clothes.

Use this study guide to consider the following questions:

- Why do people invent things?
- What were some of the most important inventions of the Industrial Revolution?
- Which inventions from the Industrial Revolution have benefited/impacted your life the most?

Brainstorm about what benefits will innovations bring to every day life, after discussion with others, draw a mind-map; (<http://www.mindmeister.com/>)

Read and analyze data on breakthrough technologies, think about why they are considered to be innovative, discuss and share opinions with others;

Investigate the reasons for their successes or failures;

Develop an innovative use of technology to sustain everyday life. Explain why you think this is an innovative use of technology.

Tips: Identify a specific application of a technology in the workplace

Is the technology leveraging change?

If so what kind of change: Sustaining or disruptive? (about 500-1000 words)

PROCESS

Use the following websites as a way to explore the incredible minds and inventions of the Industrial Revolution Era. Follow along on your handout and answer questions that will help us gain an understanding on the concepts and vocabulary surrounding this topic.

- Key Vocabulary

<https://www.merriam-webster.com>

- Background Information (scroll down to the Innovation and Industrialization section)

<http://www.history.com/topics/industrial-revolution>

- Inventions by the Decade

<https://www.pbs.org/wgbh/americanexperience/films/telephone/>

- Important Inventions

<https://www.enchantedlearning.com/inventors/1800b.shtml>

Make up the presentation and share it with your fellow students.