

INDUSTRIAL REVOLUTION PROJECT

Congratulations! Your group has just been hired by an inventor to help him bring his new invention/innovation to market. Your job has three parts. First, you need to become an expert on the invention/innovation – find out how it works, what it's for, and how it's made. Second, you need to figure out how to help your client turn his idea into a profit making business. Third, you need to design either a poster or a brochure explaining to the people this new product.

I will allow you to work in pairs or as individuals. We will draft inventions/innovations. That way an invention will only be done once.

PROJECT REQUIREMENTS:

Poster (100 points) – The poster needs to have a slogan, pictures, important information about the invention, and who invented it. Remember, you are trying to sell this invention. Make your poster bright, fun, and attractive so that potential buyers and investors will buy into your product. (Think of ways this invention will make work easier)

Brochure (100 points) – The brochure needs to include the same things as the poster, only on a much smaller scale. Remember, brochures are usually folded so keep this in mind as you decide the size of pictures you add and the placement of your information.

ACTION PLAN FOR PROJECT:

We are only in the computer lab for three days. I would plan on researching your product first, followed by planning your poster/brochure, and lastly completing the work product.

Wednesday –

1. Choose your partner and your product.
2. Research your product

Thursday –

1. Rough Sketch your poster/brochure
2. Work on your poster/brochure

Friday –

1. Complete the final poster/brochure

GRADING – RUBRIC:

- Title – 5 pts
 - Name – 5 pts
 - Slogan – 10 pts
 - Pictures – 15 pts (5 pts per picture)
 - Inventor – 10 pts
 - Relevant/Accurate Information about the invention – 25 pts
 - Full of Color (appealing) – 15 pts
 - Advertisement Flair – 15 pts
- *you can tell you are trying to sell it

List of Inventions:

1790-1829: Cotton Gin, Steam Engine, Pattern lathe, Steamboat, Steam powered transportation, Cast-iron Piano Frame, Spinning Machine, Clock - 1830-1839: Screw Propeller, Mechanical Reaper, Power loom, Revolver with Interchangeable parts, First Steam locomotive built in America, Process for making malleable iron 1840-1859: Vulcanization of rubber, telegraph, Bessemer process, sewing machine, automated sugar refining, suspension bridge, process for condensing milk, electric fire alarm system, printing press, safety pin, mason jar, combine harvester, machine for crushing stone, iron buildings, loom, iron truss bridge 1860-1869: steam generator, plows, dynamite, elevator brake, pasteurization, game board, stock ticker, steel making process in America, modern day fire hydrant, celluloid, Pullman car, measuring instruments, door lock 1870-1879: telephone, alternating current, zig-zag sewing machine, signal flares used by ships, design of automobile/motorcycle engines, barbed wire, cable car, breech-loading firearm 1880-1889: microphone/gramophone, calculator, photography, aluminum, gas-motor engine, dishwasher, filament for electric light bulb, waterwheel, electric street car, dissolvable pills, fountain pen, glass tile (mosaic) 1890-1899: internal-combustion engine, radio, tapered roller bearings, breakfast cereal, bottle cap