**3.1.1 History of Manufacturing Assignment (Instructions)**

1. Choose a topic from one of the lists below or ask your teacher to approve an independent topic (Students can’t choose the same topic). Remember that the topic must relate to automation.

**Items**

* + Artificial Intelligence
  + ASIMO
  + Dante
  + “Fast, Cheap and Out of Control: A Robot Invasion of the Solar System”
  + The Gastrobot
  + The International Space Station
  + MIT
  + The P3
  + Punch Cards
  + The Robotics Institute
  + RoboTuna
  + The Stanford Arm
  + The Stanford Cart
  + The Unimate

**Entertainment**

* + Battlebots (event)
  + Blade Runner (movie)
  + LEGO (manufacturer)
  + Metropolis (movie)
  + Silent Running (movie)
  + Star Trek (television show)
  + Star Wars (movie)
  + Furby (toy)
  + VEX Robotics, Inc. (manufacturer)

**People**

* + Alan Newell and Herbert Simon
  + Alan Turing
  + Archytas (“ahr 'ky tuhs”) of Tarentum
  + Aristotle
  + Arthur C. Clarke
  + Bessie Blount
  + Charles Babbage
  + Ctesibius (“ti sib ee uhs”) of Alexandria
  + George Boole
  + George Devol
  + Heinrich Ernst
  + Issac Asimov
  + Jacques de Vaucanson
  + Joseph Jacquard
  + Josephine Garis Cochran
  + Karel Capek
  + Leonardo da Vinci
  + Marc Thorpe
  + Mary Anderson
  + Mary Shelley
  + Nikola Tesla
  + Pierre Jaquet-Droz
  + Randice-Lisa Altschul
  + Richard Greenblatt
  + Shigeo Hirose
  + Takeo Kanade
  + Temple Grandin
  + Victor Scheinman

1. Prepare a page (2–5 paragraphs) on your topic in your own words that answers the following questions:
   * If you chose a person, when did they live? How did they affect automation?
   * If you chose something other than a person, when did it impact people? Who was responsible for this occurrence?
   * How does the person or item affect you personally?
   * Your paper must contain two graphics from the internet to support your research
2. Write your topic on a self-stick note and place it on the timeline.
3. Submit the assignment to your teacher using Google Docs.

CONCLUSION

1. Describe how automation has changed during your lifetime.
2. Describe how the entertainment industry advanced automation and the positive and negative impacts.