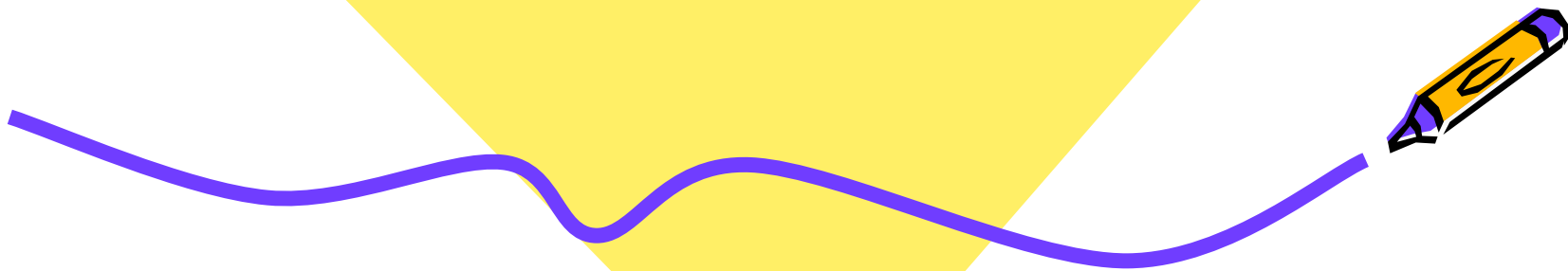




# *Attributes of an Inventor*

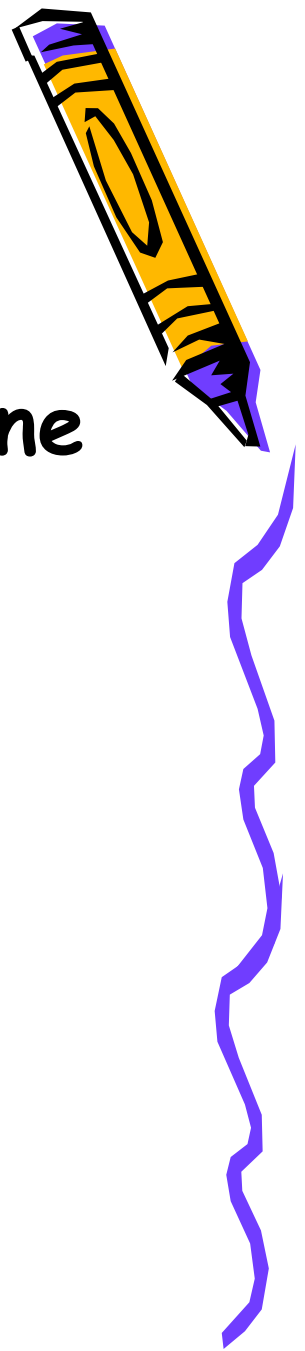
ENGR 7-2 Lesson 2



Written by Roland Williams

# *GPS:*

- ENGR-II-5: Students will examine the impacts of inventions and innovations on society.



# Critical Knowledge/Elements



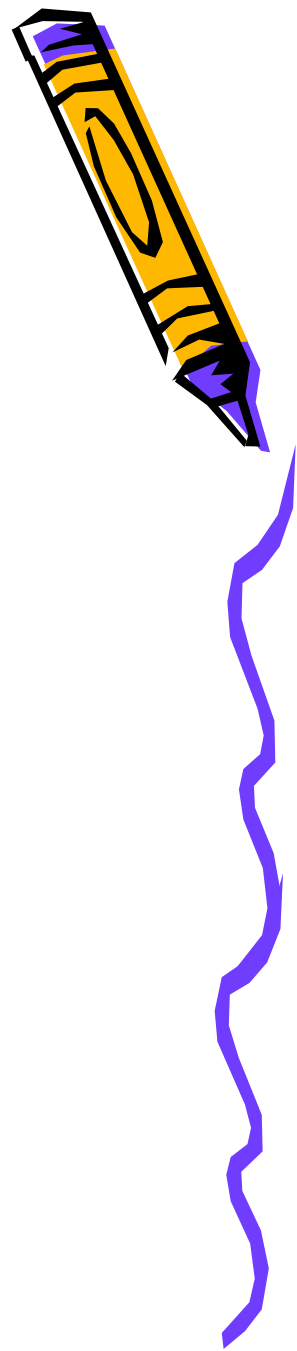
A. Discuss the societal impacts of a specific invention or innovation

D. Analyze positive and negative effects of inventions and innovations

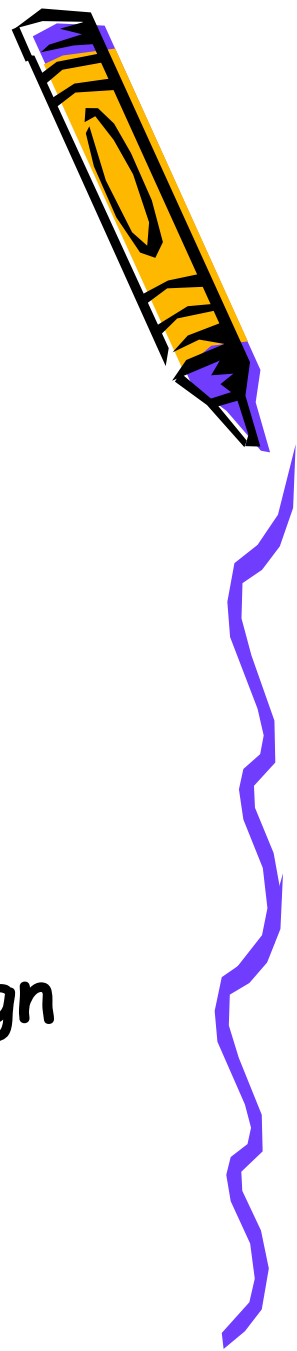


# Essential Question

What makes an inventor special and what are their impacts on our society?



# Word Wall



**Invention**

**Science**

**Innovation**

**Technology**

**Attributes**

**Artifact**

**Societal Impacts**

**Prototype**

**Specialization of  
Function**

**Engineering Design  
Process**



# Artifacts: What do they reveal?

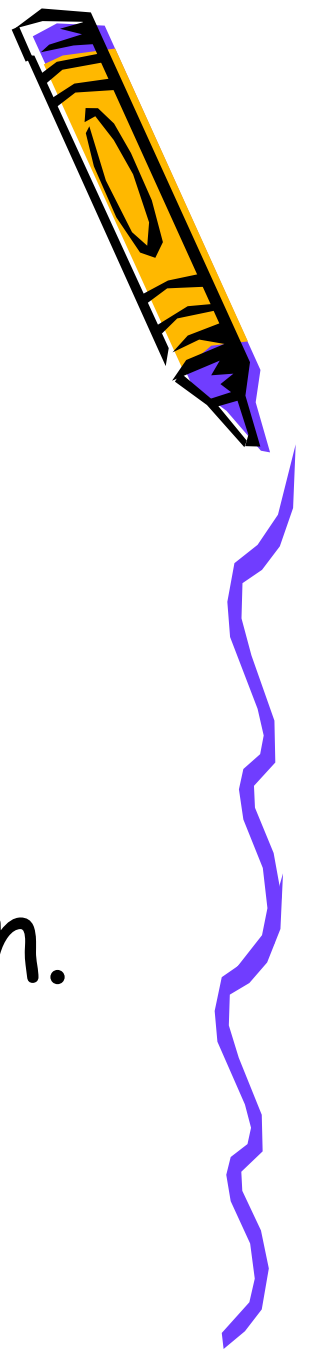


"An artifact is a human made object."

- Artifacts found at archaeological sites tell a lot about the people, their culture, and their society.
- Some artifacts found include tools, pottery, and personal effects.

- Artifacts can reveal who the people were, what they ate, how they used tools, how they worked together, and their inventions and innovations.



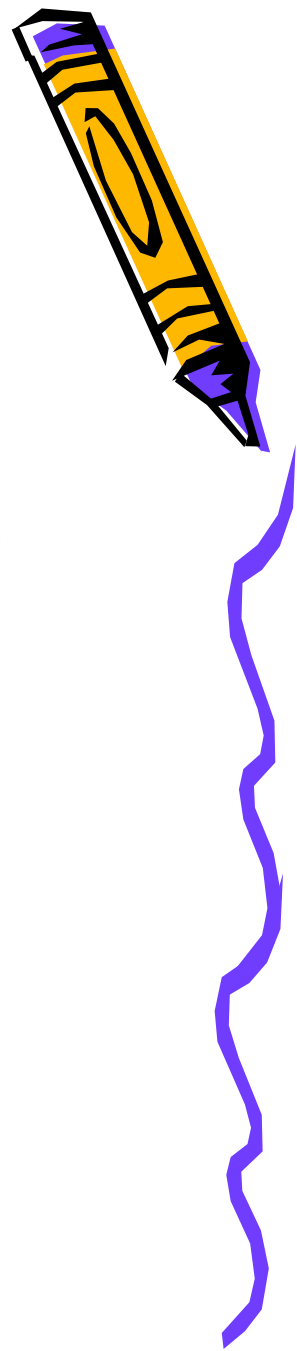


What do you think are the personal attributes of an inventor?

Attributes are the characteristics of a person. What makes them special.



Attributes: The characteristics of a person. What makes them special.





From the handout, read one of the four vignettes from "*Great Thinkers and Their Inventions*" and complete the "*Attributes Worksheet*."



- Identify the need or desire satisfied by the inventions and other societal impacts.

Societal Impacts - How people and products affect the way we live.



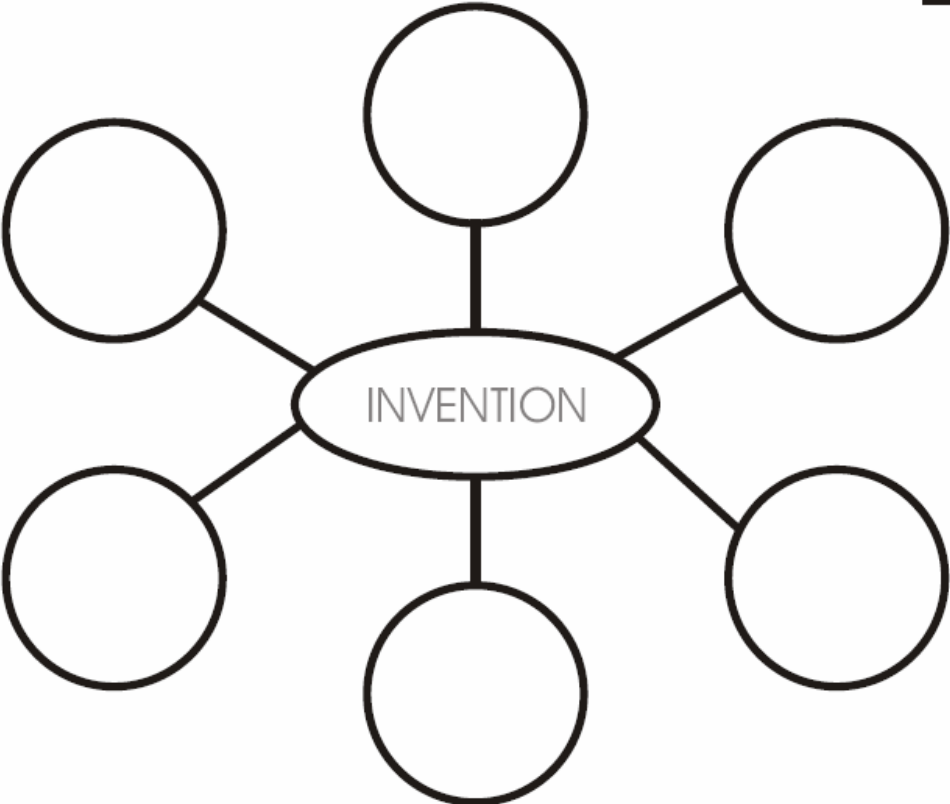
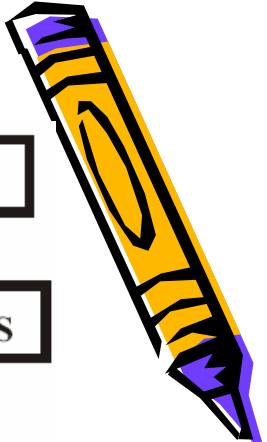
*Handouts: Great Thinkers  
and Their Inventions*

*Attributes Worksheet*

Inventor

SOCIETAL IMPACTS

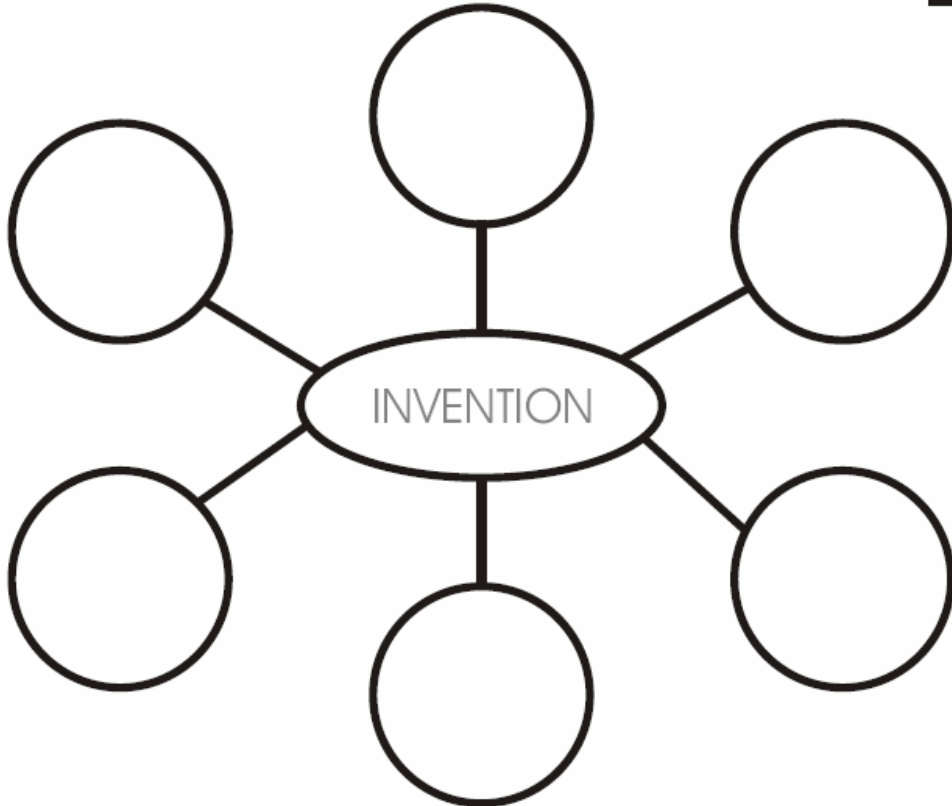
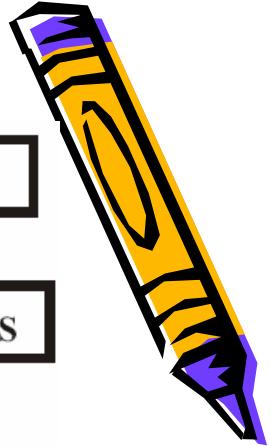
PERSONAL ATTRIBUTES

Inventor

SOCIETAL IMPACTS

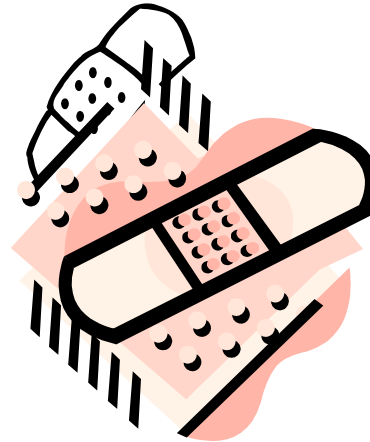
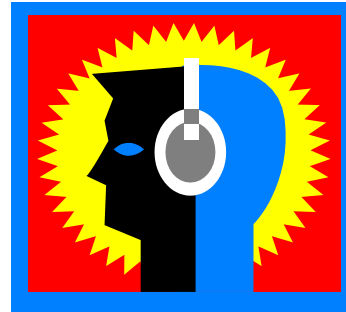
PERSONAL ATTRIBUTES

# Invention Discussion

# Great Thinkers and Their Inventions

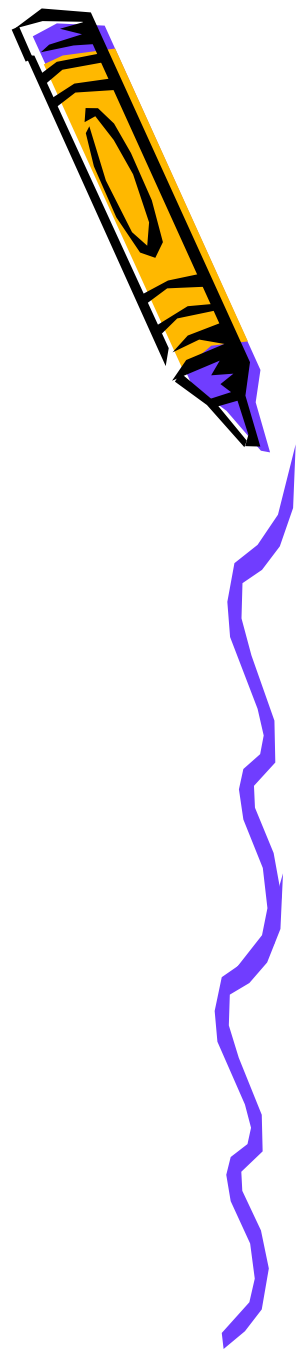
- Chester Greenwood
- Earle Dickson
- Clarence Crane
- William Russell Frisbee

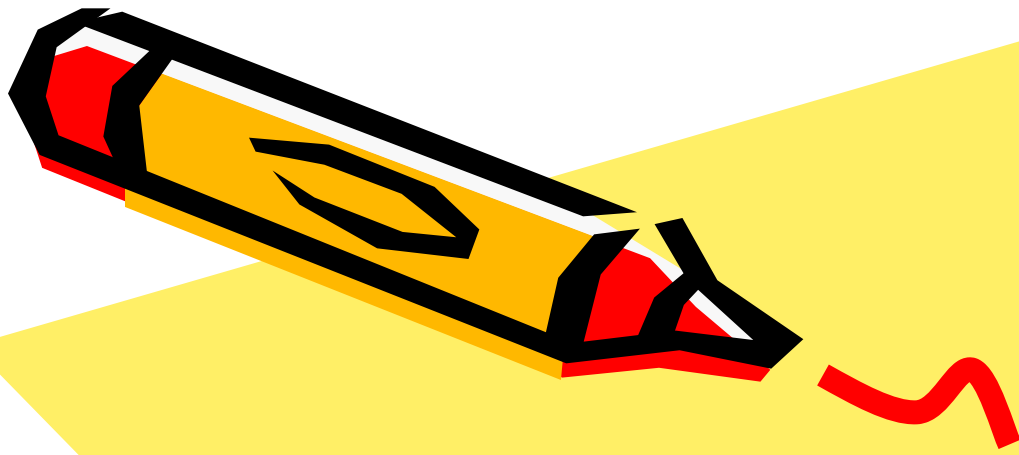


Images were retrieved from <http://z.about.com/d/inventors/1/0/P/5/frisbee1.jpg>, <http://www.candydirect.com/mints/Lifesavers-Rolls-CrystOMint.html>, and the Microsoft Clip Art Gallery

# Essential Question

What makes an inventor special and what are their impacts on our society?





# Conclusion

ENGR 7-2 Lesson 2

