

Science, Technology & Society

Famous Innovators, Past & Present

Students will choose a scientist or inventor from the past or present to research in order to write an informational report. While the students are progressing through the writing process, they will design and create a bottle that looks like their chosen innovator. Students will then code with an online program called Scratch and set up a Makey Makey to make their bottle “talk.”

Learning Objectives:

- I can describe how individuals, events, and ideas have changed communities, past and present.
- I can identify the impact of scientific breakthroughs and new technology.
- I can identify scientists and inventors of the past and present.

CATEGORY	Meets	Approaching	Progressing	Emerging
Content	Writer knows the topic really well. Early life, significant events, contributions, character traits, introduction & conclusion all included. Many interesting details	Early life, significant events, contributions, character traits, introduction & conclusion all included. Writer knows the topic. Most details are relevant & are interesting	Early life, significant events, contributions, character traits, introduction & conclusion are either incomplete or insufficient. Writer doesn't know enough about the topic Needs more details	Early life, significant events, contributions, character traits, introduction & conclusion are incomplete or unacceptable. Writer doesn't know the topic. Details lacking. Ideas missing or don't make sense
Creativity	Biography Bottle is neat, clean and presented in a creative way. Biography Bottle is colorful and creative.	Biography Bottle is mostly neat and clean. Biography Bottle shows some degree of creativity.	Biography Bottle is somewhat neat and clean. Student needed help from the teacher to create the final product.	Biography Bottle is incredibly messy or boring. Student could not design and create bottle on their own.
Essay	Separate Rubric			

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INTRODUCTION

1. Who is the inventor/scientist you are researching and why are they famous?

2. When and where were they born?

3. Who were their family members?

4. What events happened in their early life? (schooling, marriage, children)

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ACCOMPLISHMENTS

5. Answer one of these questions: What is one scientific discovery they found? OR What is one invention they created?

6. Describe the scientific discovery or invention.

7. Why was their discovery/invention important?

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CONCLUSION

8. What are some character traits to describe them? Why?

9. How has their discovery/invention changed the way we live today?

10. When did they pass away? OR Where are they now?

11. Concluding Sentence
