

## Final Assessment Project

### Goals and Expectations:

- Create a presentation that uses multiple types of media to highlight contributions to development of mathematics. Present the process of gaining mathematical knowledge as a human endeavor that is common to all humanity and spans time, place and cultures.
- When choosing among the mathematicians, philosophers, scientists, innovators, engineers, and teachers seek those who are rarely highlighted due to their gender, ethnic background or other circumstance. Focus on presenting contributions that lead to the development of calculus or the to the development of milestone knowledge that was critical later on to the development of calculus. You can also choose to highlight development in mathematics or another field for which calculus was essential or in which calculus is used. Do not present on contributions of Sir Isaac Newton and/or Gottfried Leibniz.

Your presentation should contain the following information. However, your presentation should not be limited to the listed information.

Topic	Done 😊/ Not yet 😞	Topic	Done 😊/ Not yet 😞
Time and place of birth. Show the place on a map, relate the time to world history events.		Description of significant contributions to mathematics and/or calculus.	
Time and place of death (if applicable). Show the place on a map, relate the time to a world history events.		Pictures of significant contributions to mathematics and/or calculus.	
Academic institutions attended.		A quote with your explanation/insights why this quote resonates with you.	
Teachers and colleagues.		3-5 reasons why you selected this person.	
Academic or other institutions as places of employment/research.		3-5 reasons why this person's contributions may not be as well-known as others'.	
Work published. Significance and application of this work.		References and links where the audience can learn more.	

- Please note that you are not expected to understand the mathematics of all the discoveries, but you should research well why is the discovery of that particular knowledge important.
- The aim of your presentation is to highlight mathematicians and others who contributed to mathematics – calculus in particular. Their contributions should be situated in time and place. Societal norms of their time and geography should be also explained.
- If you are not sure if the person you want to research and present is a good candidate, ensure that you can give an affirmative answer to these 3 questions:
  1. Is this person someone else than Sir Isaac Newton or Gottfried Leibniz?
  2. Did this person contributed to calculus or to mathematics that is connected to calculus? Did this person make use of calculus to advance humankind in a meaningful way?
  3. Did this person have to overcome obstacles and/or make sacrifices to do/teach mathematics?
- It is preferable but not required that you present mathematicians that were not European men.

Notes: