Timeline Research Project: Products

- Part 1: 2-Page historical timeline [focus on science/mathematics breakthroughs and controversy—not other history]
- Part 2: Annotated bibliography [print & online sources (annotate), pics (no annotation)]
- Part 3: Peer review and self-evaluation
- Presentation Days: Tape up all work. Half class presents at once (to small groups) and other half peer review. Group members in different sessions.





Project 1 Rubric	Padawan: missing numerous	F
	Proficient: generally demonstrates	r
	Outstanding: thoroughly demonstrates	r
 LG 1: I can examine a single issue from multiple perspectives. Interesting and important controversies Interesting and important scientific breakthroughs and their timeframes (can use ~ or range of dates), not the entire history of a topic Contributions from diverse scientists/mathematicians from around the world Scientific/mathematical pictures 		
LG 2: I can conduct ar Contains quality r of pictures Items are firmly g Researches what Researches some	nd summarize quality research. esearch, citations and annotations, and sources rounded in science/mathematics kind of scientist and where from e modern connections, if possible	
LG 4: I can communicaten, verbal and visual verbal and verba	ate effectively to produce publication-quality writ- work in a logical, organized manner that demon- f context, audience, and purpose. y exposition, consistent format, own words timeline portion is 2 pages w (can be informally written)	20

Educational Goals at ASU

- Thinking Critically & Creatively research and creative product
- Communicating Effectively writing, speaking and reflecting
- Making Local to Global Connections science & math applies in many settings, multiple perspectives
- Understanding Responsibilities of Community Membership citations, peer review, actively listening to each others perspectives and presentations...





- Interesting/useful/important to you!
- Enough scientific/mathematical connections and people
 - Mathematical/scientific object: black holes, *π*, curves...

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Person: Leonardo DaVinci

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- Person: Leonardo DaVinci
- Place: Egypt, the universe

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 - Technical: roller coasters, sports, dance, your future career

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- For any scientists and mathematicians in your project, research their scientific/mathematical specialty and nationality:

Carl Friedrich Gauss, a German mathematician [specialized in number theory, geometry, probability theory, geodesy, planetary astronomy, the theory of functions, and potential theory (including electromagnetism)]

I am happy to help!