

## An Exploration of the Historical Development of Mathematics Rubric

Name: \_\_\_\_\_

The purpose of this assignment is to give you a chance to explore the people and events that have played significant roles in the historical development of the mathematics you have been studying. In addition, you will be examining ways in which classroom instruction can be enhanced by using this knowledge in instruction.

### *Journey through Genius* Reflection

		Points Possible	Points Earned
<b>Significant Events</b>	The first significant event/individual chosen is described briefly. Reasons for the significance of this event/individual are provided and substantiate claim of significance.	0-20	
	The second significant event/individual chosen is described briefly. Reasons for the significance of this event/individual are provided and substantiate claim of significance.	0-20	
<b>Writing</b>	Document is free from spelling and grammatical errors.	0-5	
	The writing style is appropriate for a teacher candidate at your stage in the program.	0-5	
<b>Sub-Total</b>		50	

### Links to Common Core Standards and SC Curriculum

		Points Possible	Points Earned
<b>Curriculum Links</b>	<b>Algebra I:</b> Links contain a content expectation and appropriate historical event/individual.	0-7	
	<b>Geometry:</b> Links contain a content expectation and appropriate historical event/individual.	0-7	
	<b>Algebra II:</b> Links contain a content expectation and appropriate historical event/individual.	0-7	
	<b>Probability and Statistic:</b> Links contain a content expectation and appropriate historical event/individual.	0-7	
	<b>Pre Calculus:</b> Links contain a content expectation and appropriate historical event/individual.	0-7	
<b>Format</b>	Information is presented in a way that can be easily reviewed.	0-5	
	Links are meaningful and well presented.	0-5	
	Document is free from spelling and grammatical errors.	0-5	
<b>Sub-Total</b>		50	

### Lesson Idea

		Points Possible	Points Earned
<b>Lesson Plan</b>	A well developed lesson plan is presented that could be used to teach a lesson by someone other than the author.	0-10	
	Appropriate content objectives are presented.	0-10	
	The use of a historical topic is meaningfully linked to the lesson.	0-10	
<b>Format</b>	All aspects of the lesson plan are present, (such as materials needed, introduction, closure, discussion questions, examples, assessment, etc.)	0-5	
	Document is free from spelling and grammatical errors.	0-5	
Sub-Total		40	

### Reflection on Role of Mathematics History in the Classroom

		Points Possible	Points Earned
<b>Reflection</b>	It is evident that the candidate has read and thought about at least 5 of the articles from the bibliography.	0-10	
	The candidate has provided a clear picture of how they view the role of mathematics history, using information from their readings to inform their reflection.	0-20	
<b>Writing</b>	Document is free from spelling and grammatical errors.	0-5	
	The writing style is appropriate for a teacher candidate at your stage in the program.	0-5	
Sub-Total		40	

### Overall Score

		Points Possible	Points Earned
<b>Overall Format</b>	The overall structure and quality of the work is appropriate for a candidate at this stage in their teacher education program. References are provided when appropriate and follow APA style requirements.	20	
<b>Sub-Totals</b>	<i>Journey through Genius</i> Reflection	50	
	Links to Common Core Standards and SC Curriculum	50	
	Lesson Idea	40	
	Reflection on Role of Mathematics History in the Classroom	40	
Project Total		200	