

# Grant Example 2 (History Class)

**Arkansas Space Grant Consortium**  
**University of Arkansas at Little Rock**  
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## K-12 Grant Application

Date: 3/19/2014

**Project Title:** A View From Space (The Scientific Revolution)

<b>Institution:</b>	<b>Street/Box No:</b>	<b>City/State:</b>	<b>Zip:</b>
Arkansas Academy	1 Academy Road	Little Rock, AR	72204
<b>Names of Persons Involved:</b>	<b>Title:</b>	<b>Department:</b>	<b>E-mail:</b>
1. Noah Lott	8th Grade History Teacher	History	noah_lott@aracademy.org
2.			
<b>Telephone No:</b>	<b>Fax No:</b>	<b>Best Contact Time:</b>	
501-789-5010	501-789-5011	8:00 AM to 5:00 PM	

<b>Names of Schools Involved:</b>	<b>Address:</b>	<b>Zip:</b>	<b>Contact:</b>
1. Arkansas Academy	1 Academy Road	72204	Noah Lott
2.			
<b>Contact:</b>	<b>Contact Phone:</b>	<b>Contact Fax:</b>	<b>Contact Email:</b>
Noah Lott	501-789-5010	501-789-5011	noah_lott@aracademy.org

**Brief Summary of Project: (See Guidelines):**

The students will research a specific influential scientist during The Scientific Revolution. They will then write a mini-term paper regarding the work of that scientist and how it was influential to history, as well as the scientific world.

**Summary of Funds Requested: (Please attach a detailed budget)**

	ASGC:	Match:	Total:
1: Materials and Supplies:	\$ 1500.00	\$ 1500.00	\$ 3000
2: Travel:	\$	\$	\$ 0
3: Other:	\$	\$	\$ 0
4: Other:	\$	\$	\$ 0
5: Other:	\$	\$	\$ 0
6: Other:	\$	\$	\$ 0
<b>Total:</b>	<b>\$ 1500</b>	<b>\$ 1500</b>	<b>\$ 3000</b>



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Signature

**Project Description:**

The project will last throughout the Fall Semester for one group of students and throughout the Spring Semester for the other group of students in order to allow the students to have time to thoroughly research their topic. We will be learning about the history of The Scientific Revolution. I will assign each student with a different influential scientist during that time. They will then research the scientist and their ideas, inventions, and/or theories. Some examples of scientists that I intend to assign are Muhammed Al-Khwarizmi, Tycho Brache, Nicholas Copernicus, Galileo Galilei, Johannes Kepler, Isaac Newton, Claudius Ptolemy, and Zhang Heng. They will write a mini-term paper about the Scientific Revolution, how the assigned scientist was influential, and how we use their findings/ideas/inventions today.

**Enhancements to classroom:**

The project will allow me to also learn about the different aspects in The Scientific Revolution in detail from their papers.

**Number of Students and Extent of Involvement**

My entire 8<sup>th</sup> grade class will be included in the project. There are 70 Students total of 3 different class periods. There are 43 males and 27 females. The students will have to do their own research regarding their assigned topic. We will set up a library type setting where the students will have to check out materials for their own, individual research.

**New Aerospace-Related Materials:**

There will be new books concerning the Scientific Revolution added to the classroom, as well as other material including posters and videos regarding the era that will continue to be used by future classes, as well as other departments within the school. We plan on having a few copies of each book to ensure each student has ample resources for their topic.

**Arkansas Frameworks:**

History Standard 6: History- Grade 8: H: 6 – 8 – 5: Identify major contributors of the Scientific Revolution

**Detailed Budget Justification:**Materials/Supplies:

Amount	Description:	Purchase Place:	Price
1	Poster - Galileo Moon Phases	Allposters.com	\$25.00
1	Poster – Kepler’s Universe	Allposters.com	\$25.00
2	Computer Software: The Frontiers of Space	Rakuten.com	\$360.00
2	Computer Software: Middle School World History Revolutions	Rakuten.com	\$250.00
5	Book: The Structure of the Scientific Revolutions	Barnes and Noble	\$100.00
5	Book: The Scientific Revolution in National Context	Barnes and Noble	\$550.00
3	Book: Lost History: The Enduring Legacy of Muslim Scientist	Barnes and Noble	\$50.00
5	Book: Atlas of Science: Visualizing what we know	Barnes and Noble	\$50.00
3	Book: Johannes Kepler: Giant of Faith and Science	Barnes and Noble	\$50.00
3	Book: The Redemption of Tycho Brahe	Barnes and Noble	\$40.00
		<b>Total:</b>	\$1500.00

## Match Budget:

Amount:	Description:	Price:
1	Poster – Vesalius: Skeleton	\$25.00
1	Poster – Copernican Universe	\$25.00
1	Video: “Just the Facts: The Scientific Revolution (2Pack)	\$50.00
5	Book: The Scientific Revolution: Aspirations and Achievements	\$125.00
5	Book: The Scientific Revolution: An Encyclopedia	\$500.00
3	Book: Philosophers of Science: Lucretius, Copernicus, Bacon, Descartes, Comte, Darwin	\$150.00
3	Book: The Essential Galileo	\$75.00
3	Book: The Life, Writings and Discoveries of Sir Isaac Newton	\$225.00
5	Book: The Scientific Revolution and the Origins of Modern Science	\$225.00
3	Book: Scientific Revolutions in the History of Science	\$100.00
		<b>Total:</b> \$1500.00