

Roosevelt University GEAR UP Summer Academy 2006



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Language Arts

“In Language Arts today, students were brainstorming a list of inventions that they "couldn't live without" and those that they "could live without" in order to help them to think about what makes a "good" or "useful" invention. “

“They also completed a K-W-L as a prelude to researching individual inventors and/or inventions that they would like to learn about.” – *Ms. Warden, 7th Grade Language Arts Teacher*

“I will always remember how much fun I had inventing my invention in Mrs. Warden's Language Arts Class.” – *Tamir*

“I think that this experience for students helped their problem solving skills. Each class focused on students planning and evaluating what they were doing. Because the teachers were positive, many students felt more confident about what they could achieve.” – *Ms. Sherrill, 8th Grade Language Arts Teacher*

<http://cuip.uchicago.edu/schools/gearup/>

Inventors' Workshop

8th Grade Language Arts

Designed by

Ms. Sherrill

To Students

Garrett Morgan, Sarah Breedlove Walker, Benjamin Banneker, George Washington Carver, Thomas Edison, Bette Graham, and Chester Greenwood. What do these people have in common? They all used their imagination to become great inventors. Guess what! This summer you too will become an inventor.

Enjoy reading and researching famous inventors to understand how they developed their ideas and most of all how they made their idea a reality. As inventors working in small groups, you will use your creative and critical thinking skills to change your ideas into a working model.

Upon completion of the Inventors Workshop, you will create a game using Power Point and design a model of an invention

“Necessity is the Mother of Invention”

7th Grade Language Arts
Designed by
Ms. Warden

To Students

“Necessity (need) is the mother of all invention.” Of course a little curiosity and creativity helps! This summer you will need to think critically and creatively about areas of need and how you as an inventor might try to fill those needs. You will see objects all around you as the idea of someone who came before, had an idea, and made it happen.

The DaVinci exhibit at the Museum of Science and Industry will be a wonderful way to see how all inventions started with ideas first and it sometimes doesn't even matter if your first ideas ever become realities. DaVinci had models, sketches, and diagrams of inventions that never came to pass in his lifetime but each one led to other ideas and some were the inspiration to later inventors.

After completing the summer class you will have identified a need and designed an invention that fills the need. You will also have thought about a target market for your product. Finally, you'll have just an idea of the planning and creativity the career of inventor might entail