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Civil Rights Resource Package

STEM Activity Ideas and Lesson Plans

Area 1: Activity Ideas

This is a sampling of activity ideas. You can also check out activity ideas available with the teacher tools included with individual videos in this resource package.

- Find an invention that was created by an African American and study how it was created and ways it has been used and changed since its invention.
- Design a civil rights monument. Give the dimensions and the materials that should be used.
- Study the slave trade routes and calculate the distance of the different routes and how much time the ship travel took.
- Examine the original cotton gin created by Eli Whitney and write about why this invention was so important.
- Choose a noteworthy African-American engineer and discover why his/her engineering work was so important. Possible engineers include: Walt Braithwaite, Howard P. Grant, Ursula Burns, George Biddle Kelley, Elijah McCoy, William Hunter Dammond, and Aprille Ericsson

Area 2: Lesson Plans

A sampling of lesson plans will be added to this document soon; additional activity lesson plans are available with the teacher tools included with individual videos in this resource package.

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