



PEF / CHUCK MILLER GRANTS 2011-2012

INTERMEDIATE SCHOOLS

Betsy Kennedy / MIS

Geography of US History through Google Earth

This software program allows students the ability to connect geography skills with core content in US History through satellite imagery software, focusing on geography during particular periods of historical interest.

Sandra Kim / RIS

Critical Thinking Through History

A series of world history booklets will guide students through an engaging process of creative thinking, helping them debate and understand logical connections between ideas, events and decisions.

Sally Liebfried / MIS

A Leveled Book Club for Grades 6 - 8

Language Arts students will be encouraged to learn to love reading for pleasure, and will share appropriate books on Book Club Fridays.

Campbell Nimick / MIS

Hydrogen Fuel Cell Car and Experiment Kit

This fuel cell kit will combine STEM class "Energy and the Environment" and 8th grade science standards, allowing students hands-on exploration of this potential energy source and its applications.

Campbell Nimick / MIS

Remote Control Sumo Robots

Beginning STEM students are introduced to the basics of robotic design, including construction, motor control and gear ratios, culminating in a sumo style competition between their robots.

Campbell Nimick / MIS

Energy and the Environment

Renewable energy kits will be used to teach students important global energy issues using hands on experiments.

Scot Oschman / RIS

Do It Yourself Professional Development

Earth Science curriculum will be supplemented by this set of professional development texts. Featured topics include ecology, meteorology, geology, thermodynamics and physical oceanography.

Jaclyn Rosen / PVIS

Physics Fun

Hands-on physics demonstrations and exciting lab activities will motivate and engage 8th graders, reinforcing their understanding of physics science concepts.

Alison Seymour / RIS

Life-Sized Human Skeleton Model

This classroom replacement model will be used to enhance 7th grade Life Science curriculum, while the original disarticulated model can still be used for more close-up review of the skeletal system.

Robert Snodgrass / MIS

Electronic Scales Reduce Error and Increase Productivity

Precision electronic scales will give 7th and 8th grade students more reliable results in the lab, resulting in more efficient use of classroom time.

Samantha Weiss / RIS

Opposing Viewpoints Resource Library

Persuasive essay writing and delivering persuasive speech (debate) are skills that 7th grader students are taught. This library provides a compilation of hundreds of articles presented so that students can access information and formulate opinions.

Paul Woodward / RIS

STEM C02 Dragster Kit

Students will design, prototype, construct and race C02 powered cars at speeds up to 40 mph, with competition continuing at intra-school levels.