

Project Based Learning Workshop June 19-21, 2013

PROJECT TEAM DESCRIPTIONS

On day 1 of the workshop you will participate in a “follow me” experience that replicates projects that students from the Rural Community Alliance charter schools have completed. Please **select your 1st and 2nd choice** of project topics from the list below and list your choice in the comments section of the registration form. Bring your own laptop if you have one.

A. The FITT Principle: Lori Diesburg, Mellen Technology Charter School

Research the FITT Principle, which is used by fitness professionals to create fitness programs. What is the FITT principle and how can it be used to focus on cardiovascular fitness?

Grade levels: *High School*. Subjects: *Healthy Behaviors, Physical Education, Life Science*

B. Collaborative Projects Across Time and Space: Tammy Benabides, Promethean Charter School

Using free interactive web-based communication tools, explore collaborative projects that link classes and schools in multiple locations, as well as experts when those experts are far away.

Grade levels: *High School*. Subjects: *All*

C. Smokey Bear Project: Kay Krans, Mercer Environmental Tourism Charter School

Research an historical event, Smokey Bear. How do we validate Mercer’s claim to be the creator of the first Smokey Bear costume in the United States? What will be created to preserve this information?

Grade levels: *High School*. Subjects: *History, Behavioral Science, English, Art*

D. Elk Tracking: Paula Zwicke, Class ACT Charter School

Monitor a rogue Elk herd and find out if the herd is surviving. What are the unique characteristics of the Butternut Elk Herd?

Grade levels: *High School*. Subjects: *Life Science, Biology, Environmental Science, Geography*

E. Everyday Heroes: Darlene Machtan, Wisconsin Innovative Schools Network Consultant

What is the definition of a hero? Create your definition of a hero, and then research a national and local person who fits your definition. Create an essay and artwork to showcase the outcome.

Grade levels: *Middle and High School*. Subjects: *Language Arts, Social Studies*

F. Math in Our World: Engineering Our Future!: Krista Matyska, Northwoods Community Elementary School

Why is mathematics important in understanding buildings and structures across our nation and world? This project engages students in researching the topic of structural engineering, to enhance their understanding of geometry and other areas of mathematics, through photographs, real-life examples, videos, online activities, and hands-on activities, with a final project to assess their understanding.

Grade levels: *Elementary 4th-6th grade*. Subjects: *Math, History*

G. Persuasive Music: Sarah Edbauer, Fond du Lac STEM Academy

What elements of music make your artist/genre/song the best? What else makes a quality musician/genre/song?

Grade Levels – *Intermediate 3rd-5th*. Subjects: *Persuasive writing, research reading, seven elements of music*

NOTE: All projects integrate English Language Arts academic standards

On day 2 and 3 of the workshop you will work in an advisory circle of up to 10 other teachers to design your own project. Work independently, network with other teachers, or work as a school team; by the end of the workshop you will leave with a project ready to go. **In the notes section of the registration indicate if you plan to work with another teacher or a school team.** Come prepared with your project ideas and materials.

Thank you for registering for the Project Based Learning Workshop