

NN/LM Final Project Report

Report ID:

Award Type:

Subcontractor ≥ \$20,001 Project

Region:

MIDCONTINENTAL

Contract Number:

HHS-N-276-2011-00006-C

Project Title:

Visualizing the Human Body to Empower Better Choices

Name of Organization:

Olympus Jr High School

Mailing Address:

City:

Holladay

State:

UT

Zip Code:

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Reporting Period Covered:

30-JAN-2015 - 30-APR-2015

Project Date:

07-OCT-2014 - 30-APR-2015

Extended Project End Date (if applicable):

Date Submitted

18-MAY-2015

Special Funding Initiative:

Yes

Minority Populations Served:

African Americans

American Indians/Alaska Natives

Asian Americans

Hispanics/Latinos

Native Hawaiians and Pacific Islanders

Other. Please Specify:

Executive Summary

The primary goal was to empower students to make better health choices based on their bodies and available research.

The target population was junior high students, and they were chosen because they often times have difficulty visualizing the effects of their choices.

Olympus Junior High partnered with the Salt Lake County Library System.

The level of understanding the students gained from the models and the hands-on experience was greater than expected. We learned that visualization was a key component.

Approaches and Interventions Used

Goals/Objectives:

1. Create an engaging collection of 3D Human body models to enhance the health sciences curriculum
2. Instruct students on the use of available health and science databases and resources for research
3. Empower students to make better health choices based on their bodies and research

The team members partnered to co-teach a class on health and science resources.

Evaluation Activities

Statistics for the Health Sciences collection will be compared before and after the projects. Students will be assigned a research project on health science and other related careers. After, they will be given a brief survey about the new materials. The survey noted that students were able to improve their research skills and learn where to find reliable health information.

Problems or Barriers Encountered

Working with the district level purchasing was the largest challenge. It added time and paperwork. But, in the long run they were able to negotiate lower prices so we were able to get more materials to help us with the project. Scheduling also provided a small challenge.

Continuation Plans

The 3-D models will continue to be used in the health and science curriculum. Seeing the success of integrating the models into the classroom, the school's biology teacher applied for a small grant from Donors Choice to purchase a life-sized torso to use in her classes.

Impact

The project enabled students to develop a better understanding of many aspects of the curriculum. The models were particularly helpful in assisting students see how injuries happen - due to the construction

of the model body parts such as the knees and muscles. Students were able to observe, compare, contrast and visualize the difference between health and damaged areas of the body such as the heart, lungs, and knees.

Lessons Learned

The level of understanding the students gained from the models and the hands-on experience was greater than expected. We learned that visualization was a key component.

Other

It would be nice if this grant was a little more well known. Over time it seems like lots of people don't know about it. Also, if the teachers knew about it they would also get the partnerships started with their libraries. Also, it would be nice if the grant listed the parameters for getting funded a little more clearly.

Attachment 1

OARF summary data: Subcontractor activities