Science at the Olympics

Students will research and create a presentation/lesson on the role SCIENCE plays in the Olympic Games. Students will work within a small group to choose a sport or concept associated with the Olympics. They will then research how Science plays a role in their chosen topic. Students will design a demonstration/experiment to support their research. Finally, students will present their findings and demonstrations to their classmates.

Here are some suggested resources:

<http://www.nsf.gov/news/special_reports/olympics/index.jsp>

<http://www.nsf.gov/news/special_reports/winterolympics/index.jsp>

<http://btc.montana.edu/olympics/default.htm>

The presentation should include the following:

a) Background information on the sport/topic

b) **SPECIFIC** Scientific information related to the topic

c) Visuals (keep the audience interested)

d) Demonstration or experiment designed and explained by the group – there needs to be data presented in the group’s OBSERVATIONS that leads to a logical conclusion about the role that Science has played

\*\*Focus should be on the design of an experiment or demonstration\*\*