



Clark College and SW Washington Science Olympiad Present

*Teaching Clinic for Middle and High School
Science, Technology, Engineering and Math teachers*

Saturday, October 24th, 2009

8:00 – 2:00 pm

Clark College APH 210

6 Clock-hours will be available for participants

*Learn how to interpret the event rules and teach the concepts needed to compete
in many of the Science Olympiad events for the 2010 competition year!*

Registration Form

School: _____ Division _____

Mailing Address: _____

Area Code-Phone: _____

Name (s) : _____

Contact person for your school: Name: _____

Email: _____ Phone (W) _____ (H) _____

Registration Fee: \$50.00 per school (up to two coaches); \$10 for each additional adult, students free.

Payable to “Clark College Foundation /Washington Science Olympiad.” Mail the completed registration form and registration fee to:

April Takashima
1102 Helena Avenue
Vancouver, WA 98661

For questions, please contact Tina Barsotti cbarsotti@clark.edu 360-992-2354



Science Olympiad Coaches Clinic



Saturday October 24, 2009
8:00 am – 2:00 pm
Anna Pechanic Hall (APH 210)

[Anatomy & Physiology](#) (B/C) – This event encompasses the anatomy and physiology of selected body systems, this year limited to skeletal, muscular, and endocrine systems.

[Battery Buggy](#) (B) - Teams will construct a vehicle that uses electrical energy as its sole means of propulsion, quickly travels a specified distance, and stops as close as possible to the center of the finish line.

[Can't Judge a Powder](#) (B) - Students will test and characterize one pure substance and then, based only on data they collect, answer a series of questions about that substance.

[Junkyard Challenge](#) (B) - Students will partially pre-construct an device with final construction and adaptation onsite to complete a published challenge.

[Mission Possible](#) (C) - Prior to the competition, participants will design, build, test and document a "Rube Goldberg-like device" that completes a required Final Task using a sequence of consecutive tasks.

[Mousetrap Vehicle](#) (C) - Teams will design, build and test a vehicle that uses one or two snap mousetraps as the sole propulsion energy source to travel a distance and return to the starting line center as quickly as possible.

[Ornithology](#) (B/C) - This event will test knowledge of North American birds on the official list.

[Physics Lab](#) (B/C) - Teams will demonstrate physics laboratory skills related to selected topics including wind power and alternative energy. Teams will build a blade assembly used to capture wind power and generate voltage.

[Shock Value](#) (B) - Students will compete in activities involving basic understanding of electricity, magnetism and simple electrical devices.