

DISEASE DETECTIVES—IDENTIFYING DISEASES

February 2006

EVENT DESCRIPTION: This event is your opportunity to identify different well-known diseases from pictures of the disease-causing organism or its' effects on the human body, description of the disease and/or organism, or historical significance of the disease.

EVENT PARAMETERS: No more than 4 students can participate in the event. No outside resources can be used during the event. It will be a paper/pencil event set up in the "station format"—with 25-50 stations. 50 points maximum is possible for the event.

THE COMPETITION: The event requires students to research the above listed characteristics of a disease (see "event description") from on-line resources, medical textbooks—including anatomy/physiology texts, and biology texts. Some examples of diseases to be included are as follows:

- Sexually transmitted diseases
- AIDS
- Parasitic diseases (such as malaria, African sleeping sickness, Elephantiasis, etc.)
- Bacterial infections (strep throat, bacterial meningitis, botulism, campylobacteriosis, anthrax, cholera))
- Fungal infections (ex.: Candidiasis)
- Viral infections (other than AIDS)—chickenpox, mononucleosis (Epstein-Barr virus, etc.)

ANY QUESTIONS??? CONTACT DEB BURCH OR JANE SONNTAG AT jsonntag@aps1.net or Andover High School 978-623-8648

