

# Disease State Analysis



**Professions:** Epidemiologist **Grade Level:** 9-12

*All HOTT lesson plans are designed with the purpose of increasing students' awareness of the variety of health careers that are available to them. If possible, invite the corresponding health professional into your classroom to discuss his/her occupation. If this is not an option, use the attached sheet(s) to share this/these career(s) with your students.*

**Purpose:** Students will learn about the various aspects of one specific disease, and its impact on the patient.

**Materials needed:** Internet, Library, etc.

**Duration:** 2 class periods

## **Instructions:**

- The teacher should pick a specific disease or have the class pick a specific disease, i.e. Diabetes, Cancer, Asthma, Epilepsy, Obesity, and Autism.
- Students should be split into even groups depending on the number of aspects the teacher wishes to cover. Examples of different aspects include; fitness, nutrition, transmission, treatment, symptoms, etc.
- Students should be allowed time to research their topic and to organize a mini-report to present to the class. The teacher can allow more or less time depending on how in depth he or she wishes the students to research.
- The students should include their own opinions about the specific aspect they are researching.

**References:** South Dakota Office of Rural Health