

## **AMBIENT Content Questions**

### **Generate a Calibration Curve for Chlorophyll A**

1. What is spectroscopy?
  - a. The study of light and colors
  - b. The study of the interaction of matter with electromagnetic radiation
  - c. A method used by scientists to study the changing amounts of phytoplankton in our oceans
  - d. A way of determining color absorbencies in materials
  
2. What is Beer's Law?
  - a. A relationship between the transmitted light and physical properties
  - b. A relationship between light transfer and material density
  - c. A relationship between material color and material transmission
  - d. A relationship between light transmission and light absorption
  
3. What color does 550 nm correspond to?
  - a. Red
  - b. Yellow
  - c. Green
  - d. Violet