

# AP Biology Practice 7 – Scales, Concepts and Representations Video Review Sheet

[www.bozemanscience.com/apb-practice-7-scales-concepts-representations](http://www.bozemanscience.com/apb-practice-7-scales-concepts-representations)

1. This practice is about \_\_\_\_\_ knowledge. Bringing together different disciplines.
2. Scale: draw and label intersecting diagram and use one of his examples:
  
  
  
  
  
  
  
  
  
  
3. Domains: \_\_\_\_\_ of biology.
  - a. Thermodynamics (Physics) Example:
  
  
  
  
  
  
  
  
  
  
  - b. Biochemistry Example:
  
  
  
  
  
  
  
  
  
  
  - c. Chemistry Example:
  
  
  
  
  
  
  
  
  
  
4. Big Idea examples: elaborate on
  - a. Evolution example: peppered moth, what happens over \_\_\_\_\_
  
  
  
  
  
  
  
  
  
  
  - b. Free Energy: Feedback loops and how they allow organisms to survive in...
  
  
  
  
  
  
  
  
  
  
  - c. Information: Himalayan rabbit ex, expressing different genes depending on
  
  
  
  
  
  
  
  
  
  
  - d. Systems: Cotton ex sugar able to create
  
  
  
  
  
  
  
  
  
  
5. Two goals:
  - a. Connect Phenomenon and Models Across \_\_\_\_\_ and \_\_\_\_\_ scales. Try answering the question before he does. \_\_\_\_
  
  
  
  
  
  
  
  
  
  
  - b. Connect Concepts \_\_\_\_\_ and \_\_\_\_\_ Domains. Try \_\_\_\_

Are you going to try his Wiki game?