

Name \_\_\_\_\_

**Video Guide**  
**Turning Water into Food**

**Answer the following questions while watching the video on Aeroponics:**

1. What is the most critical agricultural resource?
  
2. How much of the water on earth is liquid fresh water?
  
3. In the space below draw the water cycle:
  
4. How many gallons of water are required to produce enough grain for 1 loaf of bread?
  
  
  
  
  
  
  
  
  
  
  
5. How does the use of animal products impact the amount of land and water required to feed humans?
  
  
  
  
  
  
  
  
  
  
  
6. After watching the video, what do you think are some potential advantages and disadvantages of aeroponic farming techniques?
  - a. Advantages:
- b. Disadvantages: