



Water Quality and Conservation

Unit Outline

- I. Water Quality
 - A. Pollution
 - 1. environment
 - 2. point source pollution
 - 3. nonpoint source pollution
 - B. Testing
 - 1. These water quality parameters are measured:
 - a) dissolved oxygen
 - b) turbidity
 - c) temperature
 - d) pH
 - 2. biodiversity
 - C. Purification
 - 1. filtering
 - 2. distillation
 - 3. boiling
 - 4. adding chemicals
- II. Sample Water Resource Issues
 - A. Flint's Water crisis
 - B. Cuyahoga River fire
- III. Water Conservation
 - A. Clean Water Regulation
 - 1. Clean Water Act
 - 2. Safe Drinking Water Act
 - 3. Environmental Protection Agency
 - B. Household Water Use
 - 1. Reduce consumption.
 - 2. Reuse and recycle.
 - 3. Eliminate losses.
 - 4. Prevent pollution.
 - C. Aquaponics