Watershed Watch Worksheet

Watch the 4 Watershed Watch videos to answer the questions in this worksheet. This information will help you prepare for participation in Watershed Watch.

Links to the videos:

Intro
Physical Parameters
Biological Parameters
Chemical Parameters

Questions

1. What are the three parameters you will be testing during Watershed Watch?
   1. ________________________________
   2. ________________________________
   3. ________________________________

2. The water in the Boise River is used for
   ________________________________

3. Circle the Physical parameters that water quality scientists’ test: (circle all that apply)
   Temperature
   Width of the Water Body
   Turbidity
   Weather
4. What living organisms need cold, clear water? ___________________

5. What does the clarity of the water indicate?

_____________________________________________________________
_____________________________________________________________

6. Turbidity (cloudiness of water) is measured using what tool? (circle one)
   a. Thermometer
   b. Secchi Disk
   c. Anemometer

7. Circle the Chemical parameters that water quality scientists test: (circle all that apply)

   pH          Dissolved Oxygen

   Nitrates    Phosphates

8. pH is the measure of...
   a. acidity
   b. alkalinity
   c. both a and b

9. Warm or Cold water has more oxygen.
   (circle one)
10. Two nutrients that scientists measure when testing water quality are ___________________ and ____________________.

11. What do we call the indicator organisms that water quality scientist look for?
   a. Microorganisms
   b. Macroorganisms
   c. Macroinvertebrates

12. What are two ways to collect the bugs that live in the water?
   a. ___________________________________
   b. ___________________________________

13. What indicates that the water is healthy?
   a. The presence of pollution tolerant macroinvertebrates
   b. The presence of pollution intolerant macroinvertebrates
   c. The presence of fish and other aquatic animals
   d. Both b and c