

Scientific Sampling

My name is: _____ Class: _____ Date: _____

Ithaca Creek is part of the _____ Catchment. Today when I was walking at the creek I wanted to know what plants and animals live on Ithaca Creek. I wanted to use science to make these discoveries so that I could share them with my family, friends and the local community. I did not want to damage Ithaca Creek so I used methods of looking and counting called _____.

What is biodiversity? _____

How can scientists measure biodiversity? _____

Do you have any ideas how we could change the sampling to account for different species' lifestyles and habits? What other things could tell us that there are animals using the area?

Draw the section of Ithaca Creek being sampled.
Include where your transect and/or quadrat was placed.

Title:

Location:

Direction of transect:

Intervals along:

Sample Number:

Total length of transect:

Sample taken at:

Season and time of day: