

1. Observed interesting things in the quad.
2. Asked WITRR questions
3. Identified plants found in the Willamette Valley and created a Plant Portfolio
4. Dichotomous key
5. Basic research at Noyes Property
6. Ecological succession of the landscapes of the Willamette Valley

What does ecology mean to you?

Is there a common theme that links all the lessons and activities?

study of earth and nature  
 study of life and plants around us  
 and the environment that these lives  
 and plants live in  
 study of plants and nature and  
 our effects on them

Video: "What is Ecology?"

<http://www.youtube.com/watch?v=o5cFcX0n6vA>

relationships  
 interactions

Ecology: study of interactions among organisms and between organisms and their environment.

Butterfly effect:

like a chain reaction - when something happens to one group of organisms, it also affects other organisms and factors.

interactions between different communities and the abiotic factors interaction between different populations a group of species in an area looking only at one species

ecosystems level  
 ↑  
 community level  
 ↑  
 population level  
 ↑  
 species level