

RAINFOREST WEB OF CONNECTIVITY

Activity 1

On a blank sheet of paper, recreate the biotic and abiotic elements of the temperate rainforest ecosystem. Leave room between the elements you include so that you can detail the relationships between elements. When you have thought of all of the elements you can (elements not listed in today's discussion are fine to add) begin to draw arrows showing how one element affects another. For example, you might have 'moss' and 'marbled murrelet.' On the arrow going from moss to murrelet write: "The moss makes a camouflaged nesting spot for the murrelet."

Once you have completed your 'Rainforest Web of Connectivity' pick one relationship pair to spend time detailing. Be sure to answer these questions:

- 1.) Describe the two parts of the temperate rainforest ecosystem that you've chosen. Explain in detail the relationship between these two and their contribution to the ecosystem as a whole.
- 2.) How can this relationship be affected by living things outside of the relationship?
- 3.) Can humans impact this relationship? If humans are part of your pair, how might they alter their behavior to change their impacts?
- 4.) How might climate impact this relationship?
- 5.) Is there one member of the relationship that benefits more? Explain. Equally? Explain.
- 6.) If these two elements are both biotic, are they mutualistic, commensal, parasitic or predatory? Explain.

ADVOCATING FOR THE RAINFOREST

Activity II

Create a poster advocating for the pair you have chosen. The poster's audience can be humans or the ecosystem in general, or at any individual part of the ecosystem, or at influences completely outside the temperate rainforest ecosystem. Define the poster's audience on the back.