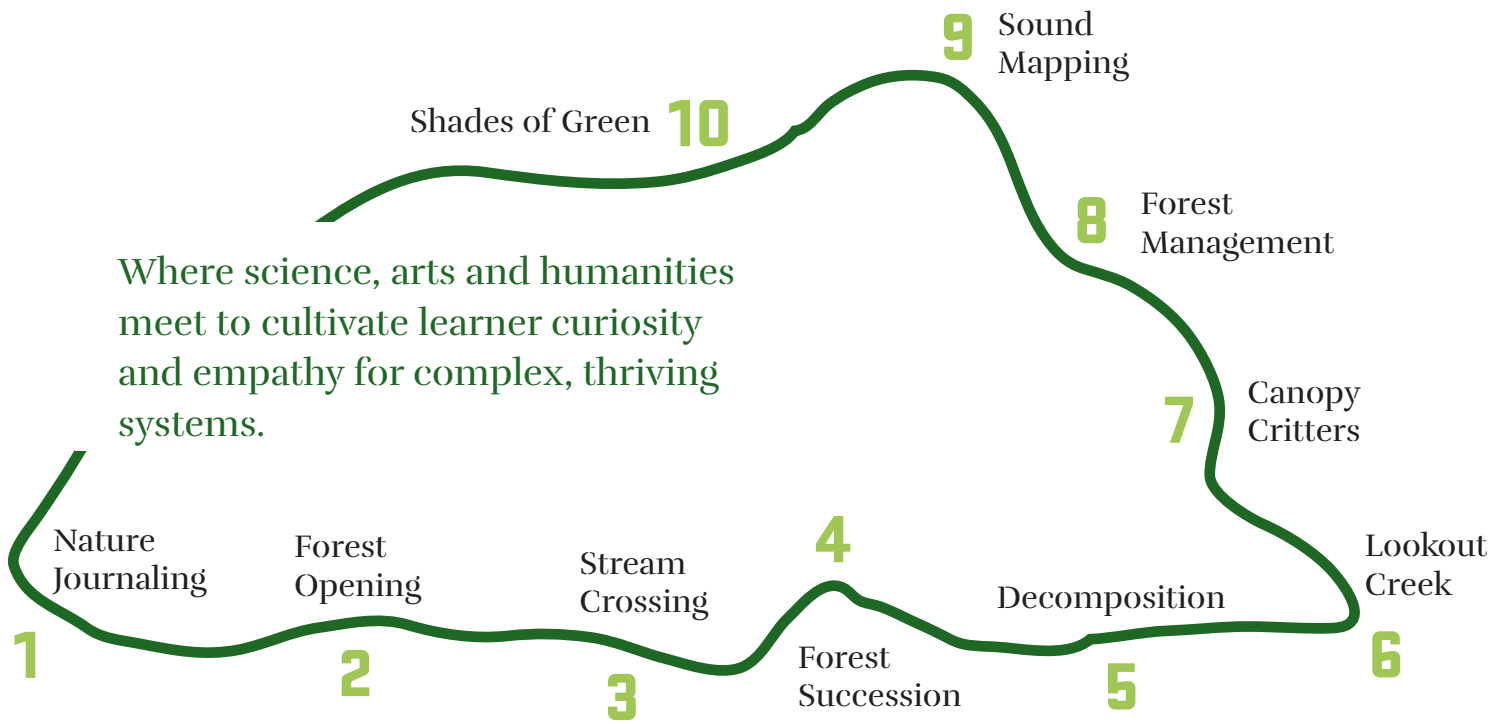


# H.J. Andrews Discovery Trail

## An Interpretation of Place

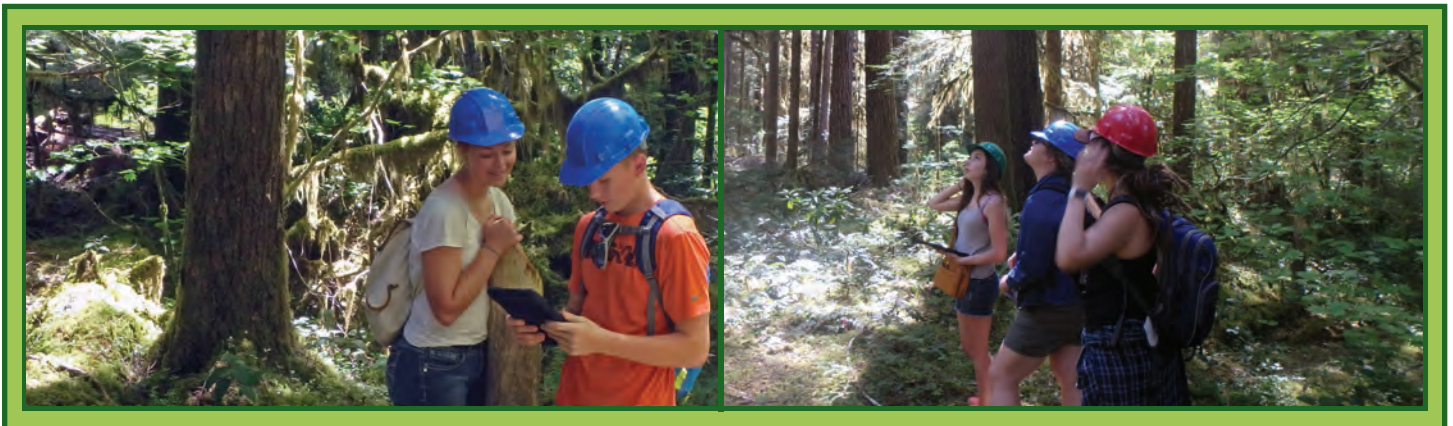


Where science, arts and humanities meet to cultivate learner curiosity and empathy for complex, thriving systems.

“

I love being able to go out and enjoy nature. It was nice to physically see what we are learning instead of sitting in a classroom falling asleep.”

- Junior from McKenzie HS

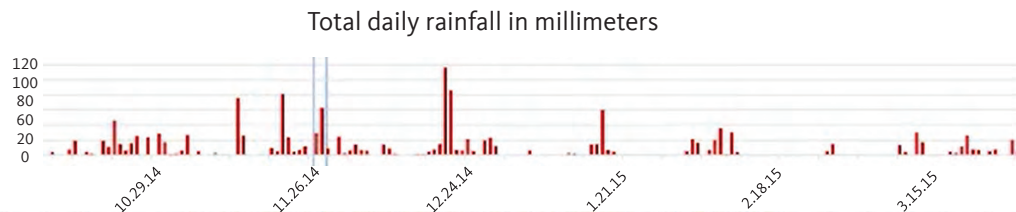


High school students and teacher from Cottage Grove HS on Discovery Trail (May 2017)

## About the trail

The Discovery Trail Interpretive Experience at the H.J. Andrews Experimental Forest is a self-guided educational exploration for middle and high school student groups.

The trail offers students an opportunity to learn about place through interdisciplinary conservation science, arts and humanities curriculum. Students are guided through prompts to make scientific observations, reflect on personal experiences and values, and create artifacts like sound maps and contour drawings, facilitating a minds-on, hands-on forest learning experience. The content is delivered via iPads, which enable both the learning experience and the non-invasive formative data collection.



Graph and photo time-lapse of Stop 3: Stream Crossing

You can read more about the Discovery Trail Interpretive Experience and larger Schoolyard LTER program in section (4.2.C) of the midterm review self-study guide.

## Published and presented work

Goralnik, L., Nelson, M., Gosnell, H., Leigh, M. (2016). Arts and humanities inquiry in the Long-Term Ecological Research Network: empathy, relationships, and interdisciplinary collaborations. *Journal of Environmental Studies and Sciences*. 7(2), 361-373.

Goralnik, L., O'Connell, K.B., Schulze, M. (2017, August). "Forest discovery: An arts, humanities, and environmental science experience of place," with 5-minute IGNITE presentation in *Art and Science Collaboration: Disciplinary Diversity as a Means of Exploring Ecological Systems and Value Structures*. Ecological Society of America annual meeting in Portland, OR.

Goralnik, L., O'Connell, K.B., Schulze, M. (2016, June). "H.J. Andrews Forest discovery: Interdisciplinary interpretation and empathy development," 20-minute presentation at the Association for Experiential Education (AESS) Conference, Session moderator. Washington, D.C.

Goralnik, L., O'Connell, K.B., Schulze, M., Nelson, M.P. (2015, October). "H.J. Andrews Forest discovery: A conceptual framework for interdisciplinary interpretation," 20-minute presentation at the Symposium for Experiential Education Research. Portland, OR.

Goralnik, L., O'Connell, K.B., Schulze, M., Nelson, M.P. (2015, June). "Forest discovery: crosscutting concepts and environmental responsibility in the H.J. Andrews Experimental Forest. An interpretive learning trail conceptual framework." Poster at the Association for Environmental Studies and Sciences (AESS) conference, San Diego, CA.



HJ Andrews Experimental Forest  
LONG-TERM ECOLOGICAL RESEARCH